

ADRIAN COLLEGE
2023-2024

Undergraduate Academic Catalog

Adrian College welcomes qualified students regardless of age, disability, ethnicity, gender, physical characteristics, race, religion, sexual orientation; further, it does not discriminate on the basis of these characteristics in the administration or educational policies, employment practices, admissions policies, scholarship and loan programs, athletic, or other College-administered programs or activities.

For more information, prospective students should contact the Office of Admissions.

All policies and programs described in this catalog are subject to change by the College at its discretion.

"Adrian College is accredited by the Higher Learning Commission ([hlcommission.org](https://www.hlcommission.org)), a regional accreditation agency recognized by the U.S. Department of Education."

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Introduction to Adrian College

Educational Mission

Adrian College, a liberal arts college in the United Methodist tradition, is committed to the pursuit of truth and dignity of all people. Through active and creative learning in a supportive community, undergraduate and graduate students are challenged to achieve excellence in their academic, personal, and professional lives, and to contribute to a more socially just society.

Statement of Principles

The Foundation of Adrian College

Adrian College was founded as a Methodist institution. It is affiliated with the United Methodist Church. John Wesley, the founder of Methodism, espoused a Christian faith that embraced a social consciousness. In the nineteenth century, American Methodists founded many liberal arts colleges.

Asa Mahan, the first president of Oberlin College in Ohio, became the founding president of Adrian College in 1859. Like John Wesley, he opposed slavery and believed in what he called “the power of action.”

Although its students and faculty come from many religious backgrounds, the College encourages all members of the community to struggle with moral and spiritual value questions growing out of the College’s United Methodist heritage of commitment to Christian traditions and values, concern for peace and justice and an ecumenical understanding of human spiritual experience.

Because of its Methodist traditions, Adrian College has been open from its inception to men and women from all backgrounds. The College continues its commitment to creating a community that reflects human diversity. It is therefore actively inclusive, seeking to attract students, faculty and staff from segments of the population that have not been fully represented in higher education.

Ribbons of Excellence

In 1887 the graduating seniors at Adrian College presented a cane in the form of a shepherd’s crook to the officers of the junior class. Symbolic of leadership and carved with the Latin motto for “No victory without work,” the cane has been handed down every year by the graduating class. Each class has also attached a ribbon to the cane with the names of its graduates listed on the ribbon.

In 2007, the academic community at Adrian College adopted the idea of the ribbons to represent its standards of excellence. From the long-standing tradition of the ribbons attached to the shepherd’s crook at graduation, these new

ribbons of excellence have been developed to support the College’s mission statement. Just as the Latin inscription on the cane suggests, these ribbons of excellence cannot be achieved without hard work:

- Caring for humanity and the world
- Learning throughout a lifetime
- Thinking critically
- Crossing boundaries and disciplines
- Developing creativity

Caring for humanity and the world

Making socially responsible decisions; providing service to local and global communities; interacting positively with persons of diverse cultures and backgrounds.

Learning throughout a lifetime

Continuing to ask important questions; pursuing knowledge in each new age; remaining open to new learning experiences.

Thinking critically

Developing critical habits of mind; exploring multiple points of view; raising thoughtful questions, identifying problems and solutions.

Crossing boundaries and disciplines

Developing literacy in multiple fields; personifying the liberal arts experience; making connections across disciplines.

Developing creativity

Engaging in creative arts; developing creative talents and skills; recognizing and employing figurative expression.



General Information

Accreditation

Adrian College is accredited by the Higher Learning Commission (Higher Learning Commission, 230 South LaSalle Street, Suite 7-500, Chicago, IL 60604-1411; (800) 621-7440; (312) 263-0456; Fax: (312) 263-7462, hlcommission.org), and the University Senate of The United Methodist Church (Division of Higher Education, General Board of Higher Education and Ministry, PO Box 340007, 1001 Nineteenth Ave., South, Nashville, TN 37212-0007). Teacher Education certification programs are approved by the Michigan Department of Education (Michigan Department of Education, 608 W. Allegan, P.O. Box 30008, Lansing, MI 48909). Additionally, the Department of Teacher Education is nationally accredited by Council for the Accreditation of Educator Preparation (1140 19th Street NW Suite 400 Washington, DC 20036; (202) 223-0077). The Social Work program is accredited through the Council on Social Work Education (Council on Social Work Education, 333 John Carlyle Street, Suite 400, Alexandria, VA 22314). Athletic Training is accredited through the Commission on Accreditation of Athletic Training Education (2001 K Street NW, 3rd Floor North, Washington, DC 20006; (512) 733-9700).

In 2018, Adrian College was approved by the Higher Learning Commission to offer programs fully online. Adrian is a member of the National Council of State Authorization Reciprocity Agreements (NC-SARA) and has been approved by the State of Michigan to participate in NC-SARA. NC-SARA list of institutions in Michigan:

www.nc-sara.org/states/MI.



Adrian's affiliations include membership in the Association of Independent Colleges and Universities of Michigan; the Michigan Colleges Alliance; the Michigan Academy of Science, Arts and Letters; the Council on Undergraduate Research; the National Association of Independent Colleges and Universities; The National Association of Schools and Colleges of the United Methodist Church; the American Council on Education; and the Council for Independent Colleges.

The Campus

Adrian College is located in Adrian, Michigan, the county seat of Lenawee County in the southeastern part of the state. Adrian is a city of approximately 20,600 people, situated in the center of an agricultural, industrial, and recreational area. State and U.S. highways and nearby expressways provide convenient access to the metropolitan areas of Detroit, Toledo, Chicago, Indianapolis, Cleveland and Pittsburgh. Both the Detroit and Toledo airports are within an hour's drive.

For nearly a century, the Adrian campus consisted of several brick buildings that fronted on Madison Street. In the mid-1950's, largely through the generosity of major benefactor Ray W. Herrick, development of a new and modern physical plant began.

Today the College extends over 100 acres in a west-side residential section of the Adrian community. The Adrian campus melts together its over 160-year history with its modern state-of-the-art facilities. Almost all facilities on campus were renovated over the past decade. The original "college promenade" with its carefully groomed lawns and stately old trees now forms the eastern boundary of the main campus. A carillon tower on the east and a contemporary chapel on the west are familiar landmarks of the central mall. The main campus boundaries include Madison, Williams, Michigan and Charles Street, and connects the College with state highway M-34 and U.S. 223 to the south and business route U.S. 223 to the north. Finally, the 119-acre Walden West property study is located about 20 miles from campus.

System of Academic Governance

The governance system at Adrian is designed to ensure that issues related to effective operation of the College are based on consideration of all concerned points of view. Both strategic plans and immediate decisions and actions are weighed on the basis of academic soundness and fiscal responsibility, in accordance with the College's mission and purposes. In addition to the administration and Student Government, the six basic components of the system are the faculty, the collegia, the academic departments and a number of standings, advisory and ad hoc committees. Faculty meetings include both students and some administrators closely involved with academic programs. Six standing committees and several related committees report to the faculty: Academic Assessment, Academic Planning, Academic Policy, College Environment, Curriculum, and Faculty Life. Faculty decisions on the curriculum and academic programs are presented as recommendations to the President.

The 21 academic departments are organized according to traditional academic disciplines and are responsible for curriculum development, planning, academic standards and student relations within their areas of concern and expertise.

Collegia are interdisciplinary groups of the faculty organized according to four broad fields of interest: arts,

General Information

letters and the humanities; social science and comparative cultures; applied arts; and the sciences and mathematics.

The collegia coordinate the efforts of academic departments and faculty members with similar interests and concerns.

Various informal opportunities exist for faculty and student involvement in decision making. These include meetings of the President with interested constituents and a continuing discussion of campus issues.

The Articles of Association provide that the Board of Trustees shall consist of not more than 35 members, including three to six who are nominated by the Detroit and West Michigan Conferences of The United Methodist Church. Three to six trustees are elected by the Adrian College Alumni Association, and the remaining 18-23 are elected by the board itself. Two faculty and two student representatives serve as non-voting associate trustees.

rushed to classes, meals and social events. Now, however, instead of a row of brick buildings, the campus incorporates approximately 150 acres, 15 academic and service buildings, 26 residence halls and units and nine major athletic facilities and fields.

History of the College

Adrian College evolved from a theological institute founded by the Wesleyan Methodist denomination at Leoni, Michigan, a small town east of Jackson, in 1845. In 1855 this institute united with the Leoni Seminary, a Methodist Protestant institution, to establish Michigan Union College.

Legend states that members of the College became concerned about the environment at Leoni, which was nicknamed "Whiskey Town." In 1859 this concern, and other circumstances, made it advisable to relocate or close. In the same year, Dr. Asa Mahan, pastor of the Plymouth Congregational Church in Adrian and a well-known educator, was encouraged by citizens of the community to establish a college. Mahan had served as the first president of Oberlin College and, previously, as an officer of Lane Theological Seminary in Cincinnati, Ohio.

Dr. Mahan and his colleagues invited the officials and supporters of the closing Michigan Union College to join in establishing the new college at Adrian. After the invitation was accepted, the story says, the library holdings were loaded on an ox-cart in March 1859, and transported the 60 miles to the campus site on the west side of Adrian.

On March 28, 1859, Adrian College was chartered by the Michigan legislature as a degree-granting institution with Dr. Mahan as its first president. Through a series of consolidations and denomination unifications, the College has maintained its relationship with The United Methodist Church.

For almost 100 years, the campus consisted of several brick buildings stretching along Madison Street. Most of what is now the campus was woods and fields. In the mid-1950s, the College, encouraged by the generosity of Ray W. Herrick, embarked on a building program which created the basis for the present campus.

Today, when students walk in the area bounded on the east by Madison Street and edged by Downs Hall, Valade Hall, Cornelius House and Herrick Tower, one will walk on the same ground that students hurried across in 1859 as they

College Facilities

The Adrian College Boathouse (2018) is nestled comfortably on the northern coast of Devils Lake, the largest recreational body of water in Lenawee County. Its surrounding area, the Manitou Beach-Devils Lake community, has been lauded by the Pure Michigan tourism campaign for its luxurious resorts and robust artistry.

The Adrian College Chapel (1964) was a gift of Ray W. Herrick, a prominent benefactor of the College, in memory of his mother, Katherine Elizabeth Herrick. Used for chapel services, seasonal services and other campus and community activities, the chapel seats a congregation of 1,000 and a choir of 110. It is also open daily for private worship. Notable features of the chapel include a 2,100-pipe organ and 16 custom-designed stained-glass windows which depict the story of Christianity and the history of Methodism; the windows were created by the Willet-Stained Glass Studios in Philadelphia.

The Adrian College Medical Clinic (2017) provides on-campus medical support for students and the surrounding community. This venue houses ProMedica physician offices, exam rooms, faculty offices, an academic conference room, x-ray facilities and a nurse lab. The Medical Clinic was designed to offer real-world experience for students who wish to pursue careers in the medical field.

The Adrian College Terrace (2011) provides a multi-level extension to the Caine Student Center. This outdoor living space is used by faculty, staff and students, offering a unique location for small and large events. Amenities include fire pits, a water feature, outdoor music and television. The space is known on campus as “The Terrace.”

The Arrington Ice Arena (2007), named in honor of alumni Robyn Arrington and Harold Arrington, is the new home of Adrian College ice sports. Men’s and women’s intercollegiate hockey, men’s club hockey, and women’s synchronized skating have been added to the list of competitive sports on campus. This new venue also offers office space, a pro shop and a concessions area as well as a variety of skating opportunities for students, faculty, staff, and the larger community. In 2012 the World of Wings (WOW) restaurant was added. Also, field turf was added to the arena in 2012 to allow for indoor soccer, lacrosse and other events.

The Campus Services Building (2014) houses central stores and the maintenance/plant department.

Caine Student Center (1952, Renovated 2004), named for Stanley P. Caine, sixteenth president of Adrian College (1989-2005) is the campus center and is open 24 hours a day. The building was previously known as Ridge Gymnasium. It provides information, services, and serves as an activity center for students, faculty, staff, alumni and other guests of

the College. Services available on the main floor (also known as Ridge Center Court) of Caine include Starbucks, Paws N Go convenience store, Zebe’s grill, 110 South Madison Salon, student mailboxes, a study space and the Writing Center. The Student Business Services office also allows for payment of bills, and check cashing services. Located on the upper floor of Caine is the Arrington Bookstore, Student Life Offices, the Student Government Association, Campus Activities Network, and the Institute for Career Planning. Campus Safety welcomes visitors to the space, and is a 24/7 service to campus and is the campus “lost and found.”

Commencement Plaza (2011) is home to the Auguste Rodin “*The Thinker*” located by Adrian College’s historic Herrick Bell Tower landmark. In 2011, Adrian College began the new tradition of holding the Spring Commencement Ceremony at Commencement Plaza.

Dawson Auditorium (1962, renovated 2004) is the campus center for theatre, arts, music and lectures. The auditorium was named in honor of John Harper Dawson, alumnus and fourteenth president of Adrian College (1955-1978). The auditorium seats over 1,000 people. The Spencer Music Hall adjoins the facility.

Docking Stadium (2006) adjoins the Merillat Sport and Fitness Center. The stadium named after current President Jeffrey R. Docking, provides facilities for football, men’s and women’s soccer, men’s and women’s lacrosse, and the marching band. It also includes classroom and lab spaces for the Department of Exercise Science and Athletic Training.

Herrick Bell Tower (1966) is a signature landmark of Adrian College. The 60-foot tower honors Ray W. Herrick, the generous benefactor whose gifts and commitment made possible much of the contemporary campus of Adrian College. The tower marks the location occupied for more than 100 years by South Hall; the first building erected on the campus (1859).

Ritchie Marketplace (1957, renovated 2006 and 2008) is the College dining center. The facility includes many stations: a grill, a Mongolian wok, a salad bar/deli, a pizza oven, a pasta bar, and an old-fashioned ice cream parlor. Food is prepared in front of students. The facility includes a lounge area, a fireplace, and a private dining room. French doors open to a patio with outdoor seating. It is named for Corley S. Ritchie, alumnus, teacher and business manager of the College

Sage Counseling Center (1985, renovated 2017), located in the Adrian College Medical Center, the office provides long- and short-term individual counseling, which focuses on current difficulties. A trained and licensed staff also offers support groups, presentations, and workshops each semester.

College Facilities

The Stanton Administration Building (1960, renovated 2007) honors Donald S. Stanton, fifteenth president of Adrian College (1978-1988), and his wife, Barbara. It houses the offices of the President, Vice President and Dean of Academic Affairs, Vice President for Business Affairs and CFO, and Vice President for Development. In addition, it houses the following offices: Graduate Studies, Assistant Dean of Academic Affairs, Business Office, Registrar, Financial Aid Office, Human Resources, Office of Institutional Research and Assessment, Development, and Alumni Relations.

Trustee Terrace (2017) is a welcoming area for alumni, students, and guests as well as a lovely location for small weddings, music, meetings, and more. Funding for the terrace and garden renovation was provided by Board of Trustee donors as well as other alumni and friends of the College, including the graduating classes of 2016 and 2017 as their senior class gifts.

The Ward Admissions House (2005, renovated 2015) welcomes prospective students and their families to campus. Its reception center includes a fireplace built of bricks from the original South Hall. The Admissions House was named after Dr. Robert and Mrs. Joan Ward. Dr. Ward, a dedicated pastor to the United Methodist Churches in Michigan, served two terms on the Adrian College Board of Trustees from 1964-2004.

Academic Facilities

The Adrian College Medical Clinic (2017) provides on campus medical support for students and the surrounding community. This venue houses ProMedica physician offices, exam rooms, faculty offices, an academic conference room, x-ray facilities and a nurse lab. The Medical Clinic was designed to offer real-world experience for students who wish to pursue careers in the medical field

Baby Bulldog Center (2015) is a state-licensed and Great Start to Quality 5-star rated infant and toddler room, and a preschool room for faculty, staff and students, along with community members and is affiliated with the Teacher Education Department. Additionally, it serves as a site for early childhood education, psychology, and social work student learning and experience.

Downs Hall (1860, renovated 2014) houses the Theatre and Dance Department, and the Downs Theatre. The only building remaining from Adrian's original campus, Downs is a Michigan historic site. The building, which formerly served as the College chapel, is named for Jordan Downs of Ohio, who contributed to its construction.

The Goldsmith Center (1965, renovated 2008) houses the Department of Modern Languages and Cultures. The building was a gift of the family and friends of Allen L. Goldsmith, a distinguished industrialist and College trustee.

The Prielipp Greenhouse (1980, renovated 2014) is attached to Peelle Hall, and serves as an opportunity for classes and research in botany and biology. It includes a hydroponic garden. The original greenhouse was funded through the generosity of the Earl-Beth Foundation.

Jones Hall (1965, renovated 2014) houses a computer laboratory, classrooms and many departments including History, Political Science, Accountancy, Business Administration and Economics, and Geology. It also includes the Institute of Entrepreneurial Studies. The facility includes the 100-seat Charles and Shirley Baer Lecture Hall, and the Jane McCloskey Academic Services Office. Jones Hall is named in honor and memory of Dr. Elmer M. Jones, a distinguished professor of chemistry from 1907-1940.

Mahan Hall (1965, renovated 2022) houses the departments of Art, Art History, Interior Design, and the Gary and Margaret Valade Art Gallery. Mahan Hall is named for first President Asa Mahan who served from 1859-65, and again from 1867-71. It houses a new Mac Lab used for a variety of classes. Also, the Adrian Symphony Orchestra is an orchestra in residence and its administrative offices are housed in Mahan Hall.

The Merillat Sport & Fitness Center (1990, addition 2015) provides educational, recreational and fitness facilities for all Adrian College students, faculty members and staff. The main 80,000 square-foot complex includes a multi-sport forum for general recreational use with courts for basketball, volleyball and tennis, surrounded by a one-tenth mile indoor track. The center also contains one racquetball court, an athletic training treatment facility, classrooms, a human performance laboratory, graduate athletic training academic laboratory, a dance studio, as well as a performance gymnasium which seats 1,300 persons and serves as home to the Bulldog basketball and volleyball teams. Offices of the Exercise Science and Athletic Training Department faculty and Athletic Department coaches and administrators are also contained in the building. A 17,000 square foot addition houses a state-of-the-art work out and conditioning space open to all members of the AC community. The Merillat Center is named for Orville and Ruth Merillat, civic and business leaders in the community of Adrian.

Rush Hall (1957, renovated 2008) bears the name of Dr. W. Albert Rush, alumnus and former dean of the College. The facility is the home of the Department of Communication Arts and Sciences. The building offers students opportunities to mesh technology with the courses they take and includes a MAC lab and AC's own WVAC radio station.

Peelle Hall (1960, renovated 2014) contains laboratories and classrooms for the departments of Biology, Chemistry, Biochemistry, Environmental Science, Mathematics, Computer Science and Physics. It includes a new 16,000 square-foot addition and the 85-seat Wolf lecture hall (2010) and Bosio Math Lab (2006) are located here. It also includes the Romney Institute for Law and Public Policy. The building is named after esteemed biology Professor Miles Peelle.

Robinson Observatory (1962) in Peelle Hall contains a six-inch telescope for the study of astronomy. It is named in honor of Herbert Robinson, a local industrialist and benefactor of the College.

Robinson Planetarium (1966, renovated 2011) in Peelle Hall is equipped with an SLI projector and seating for 66 persons. It also was a gift of Herbert Robinson.

Shipman Library (1963, renovated and expanded 2000) includes a complete line of academic information services. The renovated building is a large, attractive space with accommodations for individual and group study as well as leisure reading. It is named in memory of Dorothy Middlebrook Shipman, a distinguished library director and friend to Adrian College students. The collection numbers more than 125,000 printed volumes and 200,000 e-books. Over 100 research databases are available, many with full text. The media collection includes more than 3,500

Student Housing

streamable audio and video recordings. A reciprocal borrowing arrangement with nearby Siena Heights University provides access to additional resources. The library web page (www.adrian.edu/library) provides on-site and remote access to the collection. The library reference area contains 37 computers that are available for research, and the building also houses the eSports facility. Shipman's interlibrary loan service allows students to borrow books, articles and other materials from college and university libraries nationwide. Two notable special collections are held at Shipman Library: the Piotrowski-Lemke Lincoln Collection and the Detroit Conference Methodist Historical Collection. The library is open to all members of campus, and the local community.

Spencer Music Hall (1974, renovated 2010) honors Dr. James H. Spencer, composer and director of music at the College for 44 years. The building adjoins Dawson Auditorium and includes a large rehearsal hall, music libraries, practice rooms, and instrument storage areas. The recent renovation by Dr. Spencer's daughter, Dr. Hildreth Spencer provides the music department a space to continue its outstanding work.

Valade Hall (1971, renovated 2007) was formerly North Hall and was rededicated in 2007 in honor of Gary and Margaret Valade. This hall is home to the departments of English Studies and Journalism, Leadership, Philosophy, Religion, Psychology, Sociology, Criminal Justice, Social Work, and Teacher Education. It also includes the Richards Meditation Chapel, the Chaplain's Office, the Education Curriculum Center, Knight Auditorium (renovated 2008), and the Institutes for Study Abroad, Ethics and Education. The third floor is named MacNaughton Floor, honoring former psychology professor Dr. Norman MacNaughton and Dr. Douglas MacNaughton, his son, alumnus and professor emeritus in philosophy and religion. The facility was built on the site of Old North Hall and the North Hall Annex, which housed Union troops during the Civil War and occupied the location for more than 100 years.

Walden West Property (2016) is a 119-acre environmental preserve and research site featuring diverse wetland, forest, and grassland habitats. The land is part of a gift from Jim and Mary White, and is being used for teaching and student and faculty research by the Geology, Environmental Science, and Biology programs.

Student Housing

Residence Halls

Each residence hall at Adrian College is a purposefully designed environment to foster community living at its best. Each hall has a television lounge, laundry facilities, kitchen, comfortably furnished lounge and recreation areas. A variety of living options are available. All residence halls are tobacco free. Contact the Housing Office for details on living options.

Argyle Apartments (2012) provide more apartment living with large living rooms and full kitchens.

Brick Apartments (2006) provides apartment style living for students, and is located near College View South Apartments.

Cargo Hall (1964, renovated 2016) was named in honor of Dr. Ruth Cargo, professor emeritus of American History and Political Science. Cargo was renovated in the Fall of 2016 to provide suite style living options.

College Court Apartments (2012) provide more apartment living with large living rooms and full kitchens.

College Theme Houses (2007) provide unique living/learning opportunities for students with commonly shared interests.

College View South Apartments (2006) provide four-person suites with private bedrooms as well as kitchen, bathroom, and laundry facilities.

College View North Apartments (2010) provide two person suites with private bedrooms as well as kitchenette and bathroom.

Davis Hall (1963, renovated 2017) is named for Mr. and Mrs. Arthur Davis of St. Petersburg, Fla.

Deans Hall (1968) honors the distinguished deans of women who have served the College since 1868.

Estes Hall (1958) is named for Mr. and Mrs. Floyd Estes of Lansing, MI.

Feeman Hall (1956, renovated 2017) honors Dr. Harlan L. Feeman, who was president of the College from 1917 to 1940.

Herrick Hall (1965), which houses co-ed freshmen students, is named for Hazel M. Herrick, wife of Ray W. Herrick, and generous friend to Adrian students.

Jarvis Hall (1961) was named in honor of Mr. and Mrs. E. Clement Jarvis of Dimondale, MI.

Lowry Hall (1965), which houses female students, is named in honor of Dr. Hope Lowry, a distinguished professor of modern languages from 1920 to 1963.

Pellowe Hall (1966, renovated 2007) honors Edward G. Pellowe, Adrian College alumnus and Director of Financial Development from 1955-1966. Pellowe was renovated into suites and single rooms with private bathrooms. Rooms are carpeted and air conditioned.

Powell Hall (1962, renovated 2021) honors the memory of Dr. Homer K. Powell, professor emeritus of Mathematics, Astronomy, Geology and Physics. He taught at both Adrian College and West Lafayette College before it merged with Adrian College.

Stevens Hall (1960) is named for Claude H. Stevens, an alumnus, former chairman of the Board of Trustees and trustee emeritus.

Sorority and Fraternity Housing

The Alpha Phi House: 1316 Michigan Avenue.

The Alpha Sigma Alpha House: 1310 Michigan Avenue.

Cornelius House (1948, renovated 2011) was returned to the Alpha Tau Omega fraternity in 2011. In 1982 the Cornelius house had been repurposed to provide faculty offices, classrooms, practice rooms, and a lounge for the music department. The building was named for Dr. James D. H. Cornelius, who taught classics at Adrian College from 1881 to 1925.

The Chi Omega House: 1380 Michigan Avenue.

The Delta Nu Kappa House 1334 Michigan Ave.

The Pi Kappa Alpha House: 106 S. Charles Street.

The Sigma Alpha Epsilon House: 1108 Michigan Avenue.

The Theta Chi House: 315 South Madison Street.

The Tau Kappa Epsilon House: 1215 West Michigan Avenue.

All the above College-owned Greek housing serves the residence, meeting and social needs of the chapters.

Admissions

Requirements and Procedures

High School Students

Admission to Adrian College is selective. Each application is individually reviewed and evaluated on the merits of academic credentials, personal character and potential to take full advantage of the opportunities offered by Adrian College.

The College evaluates the rigor of the applicant's curriculum, grades earned, ACT or SAT scores, class rank and leadership potential demonstrated by involvement in school, community or religious organizations.

Adrian College recommends a minimum of 15 units of academic coursework in English, mathematics, science, social science and foreign language.

Applicants are welcome to visit Adrian College and can make arrangements for a personal tour by calling the Office of Admissions at 800-877-2246. Students will be considered for admission when the Office of Admissions has received;

1. The application for admission. It is suggested that a completed application should be submitted between September 1 and March 15 of the senior year in high school. Applications are available from the Office of Admissions. Students may apply online at www.adrian.edu.
2. The high school transcript or GED equivalency certificate. The applicant must request that the high school send an official transcript to the Office of Admissions. The high school transcript should include at least six semesters of work. Students who have not graduated from high school may qualify for admission by successfully completing the General Education Development Test.
3. ACT or SAT score reports. All first-time college students seeking full-time enrollment at Adrian must take the ACT or the SAT. Tests taken during the junior and senior years of high school are acceptable.

Students who have earned credit for courses taken at an accredited college or university while concurrently enrolled in high school may have those credits accepted for transfer to Adrian College. The student must have earned a grade of 'C' or better in the course. For a credit evaluation, students must submit an official transcript directly from the home institution to the Office of Admissions. All credit evaluations are completed by the Registrar's Office.

Beginning September 1 each year, Adrian College, upon receipt of completed application, notifies applicants regarding their admission status.

Traditional students admitted to Adrian College on a full-time basis must submit a deposit to enroll for the next year.

Transfer Students

Students with previous experience at another college who are interested in transferring to Adrian College must be eligible to return immediately to the last attended college and must have an above-average cumulative GPA. Prospective transfer students must request an official transcript from each college attended to be sent directly to the Office of Admissions at Adrian College, in addition to submitting all regular application materials.

The quality of courses taken at another institution may be considered in the admission decision. Credits earned in colleges and universities accredited by a regional accrediting agency will be accepted by Adrian College; however, no credit will transfer for any course under the 100-level or for a course with a grade below "C" (2.00). All credit evaluation is completed by the Registrar's Office.

Prospective transfer students should complete their applications no later than August 1st for the fall semester, or December 1st for spring. Once the application file is complete, Adrian will notify transfer students of their admission status and transfer of credits within three weeks.

Note: Transfer students who entered their previous college more than two years after graduating from high school, or who have not attended college for the past two years, will be considered nontraditional students at Adrian.

Non-traditional Students

Students entering Adrian for the first time after having been out of high school for two years or more, or who are transferring to Adrian from another college which they entered more than two years after high school graduation or from which they have been absent for two years or more, are considered nontraditional students.

Nontraditional students will be considered for admission to Adrian when the Office of Admissions has received:

1. The application for admission. A completed application for admission must be on file prior to the beginning of the semester for which admission is desired.
2. Final high school transcript or GED equivalency certificate. The applicant must provide an official copy of the high school transcript or GED equivalency certificate.

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3. Official college transcripts. If the applicant has had previous college coursework, official college transcripts must be sent directly from the previous college(s) to the Office of Admissions.

Students may be asked to successfully complete the Nelson-Denny Reading Test as a condition of admission. Students may be asked to take the College's mathematics placement exam if deemed necessary.

In addition to providing the materials listed above, applicants may complete an interview which includes counseling and orientation. Candidates may schedule appointments by calling the Office of Admissions at 800-877-2246. The office is located in the Ward Admissions House.

Former Adrian College Students

Students who have withdrawn from the College and at a later date wish to return should submit formal application on a readmission form provided by the Registrar's Office. Students who have been away from Adrian College for six or more years will need to change their academic catalog to the academic year for which they are readmitted to. Any major requirements added to the program will need to be met for graduation.

International Students

Adrian College welcomes students from other countries, who bring with them a rich cultural heritage. In return, the campus community is eager to share American cultural opportunities with these students.

Students from other countries who are interested in undergraduate study at Adrian College should contact the Office of Admissions at admissions@adrian.edu for the necessary application forms at least one year before they expect to enroll. Each international student must show evidence of:

1. An academic objective which can be achieved at Adrian College.
2. A strong academic record and the capacity to benefit from study in higher education.
3. Adequate financial support to travel to the College, to live reasonably while in residence in the United States, to maintain adequate health insurance, and to return home.
4. The ability to read, write, and speak the English language with sufficient fluency to participate in the regular instructional program of the College.

The Test of English as a Foreign Language (TOEFL) is required of all international applicants from countries where English is not the primary language spoken. A TOEFL score of 61 on the internet-based test is required for unconditional admission consideration.

International student applicants will be notified of their admission status as soon as all required materials have been submitted to the College.

Office of Student Life

The Office of Student Life also serves international students in the areas of campus living and immigration matters during student's' tenure at Adrian College. Academic services such as course selection, faculty advisors and English as a Second Language (ESL) are arranged through a coordinated effort of the Office of Academic Affairs and the Office of Student Life. Should a situation arise where an international student needs additional academic assistance, referrals are made through the Office of Academic Affairs.

Special Students

An individual who is not a candidate for a degree but wishes to take college courses may be admitted as a special student and should follow the procedure outlined on the special non-degree application form provided by the Registrar's Office. Special students enrolled in 3 or more credit hours are subject to fees determined by the college.

Guest Students

Students currently pursuing a degree at another college or university may enroll in courses at Adrian College. Guest students must meet all course prerequisites, must be in good standing at their home college or university, and must have the written approval of the home institution for the specific courses to be taken. A guest student applicant should submit the Michigan Uniform Undergraduate Guest Application to the Registrar's Office. No application fee is required. Guest students enrolled in 3 or more credit hours are subject to fees determined by the college.

Veterans

Adrian College welcomes applications from veterans who have a bachelor's degree from another accredited college or university. Along with application materials obtained from the Office of Admissions, veterans must submit proof of honorable discharge (DD-214) from the armed forces. Veterans may schedule an interview with the Office of Admissions before completing the application process. Once enrolled, veterans will work with the Registrar's Office, in conjunction with the Office of

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Financial Aid, the Office of Admissions, and the Billing Office on matters relating to veterans' affairs. For additional information on the Veteran's Administration policies for veterans seeking to enroll in graduate-level programs, visit: <https://www.vets.gov/education/gi-bill/higher-learning/>.

Dual Enrollment for High School Students

High school students who wish to supplement and enrich their secondary school programs may apply for dual enrollment in regular 100- and 200-level courses on a space-available basis provided they meet the prerequisites. To participate in the program, a student should have completed the junior year in high school, have a 3.0 cumulative GPA in college preparatory courses and have the written approval of the high school principal or guidance counselor. To apply, students must submit the Application for Dual Enrollment and the official high school transcript to the Office of Admissions. No application fee is required. Enrollment is limited to 9 credits per semester at a fee determined by the College. Exceptions to the 9-credit limit must be approved by the Registrar's Office.

As you consider taking dual enrollment classes, please note that the grades and Grade Point Average (GPA) that you earn can have future implications. For example, if you decide to enroll at Adrian College after you have graduated high school, then the GPA from your Adrian College Dual enrollment courses will be considered toward your cumulative GPA and influence your eligibility to graduate.

No refunds will be issues after the first week of classes.

For More Information: Students who would like more information about Adrian College may contact the Office of Admissions at 800-877-2246, admissions@adrian.edu, or www.adrian.edu.

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College Charges

The cost of attending Adrian College is competitive with that of attending most independent colleges in the Midwest. In an annual study of selected private institutions, Adrian's basic charges for tuition, room, and board generally are found to be lower than those of other similar colleges. Current charges, without factoring in any financial aid, are outlined below.

Costs for Full-time study 2023-2024

	<u>Resident</u>	<u>Commuter</u>
Tuition and Fees	\$ 40,556	\$ 40,556
	<u>Resident</u>	<u>Commuter</u>
Student Activity Fee	\$200	\$200
Facilities Fee	\$250	\$250
Technology Fee	\$526	\$526
Health Center Fee	\$100	\$100
Security Fee	\$200	\$200
Room	\$ 6,220	\$0
Board (14-meal plan)	\$ 7,204	\$0
Total Cost	\$ 53,980	\$ 40,556

**Full-time enrollment is 12-18 credit hours.

Fee per credit hour 19+ \$1000 \$1000

Cost for Part-time Study

Tuition for students taking fewer than 12 semester hours will be charged at a rate of \$1000 (2023-24 rates) per credit hour. Part-time students choosing to live in campus housing will pay the same room and board charges paid by full-time students. Any student enrolled in 3 or more credit hours is subject to the fees listed above.

Description of Charges

The fees and policies listed below are in effect for the 2023-2024 school year. These are subject to change by administrative action.

Enrollment Deposit

First-time students submit the Enrollment Deposit of \$350 to hold their place in the incoming class. Enrollment Deposits not postmarked, or cancelled in writing, by May 1 will not be eligible for refund. May 1 is the suggested deadline to submit deposits.

Advance Housing Payment

The advance housing payment will be refunded if the Housing Office has received written notice of cancellation by May 31st for returning students.

Residential Damage Deposit

A deposit of \$100 is required of all residents to cover any recognized property damage to residential units. Damages may include those specifically identifiable to a resident (e.g., a broken window in a dorm room) or for damages to common areas shared by residents (e.g., hallway damage). Common area charges not identifiable to a specific resident will be divided by the number of residents in the residential unit and charged equally against each student account. Please refer to the College's Residential Life Damage and Vandalism policies in the Student Handbook.

Damage deposit funds will be held in a non-interest-bearing escrow account by Adrian College. The assessment of damages against these deposit funds will occur at the end of the academic year or his/her occupancy period, whichever comes first. Any student with a remaining balance of deposit funds after damages have been assessed will be refunded the balance up to the full \$100 deposit amount.

It is the hope of Adrian College that each residential student will actively participate in preserving and improving the quality of their campus living environment.

Orientation Fees

All full-time first-year students must participate in Welcome Week. A fee is included in the Enrollment Deposit to cover Welcome Week costs.

Tuition

The full-time tuition charge is intended to pay for 12-18 semester hours. Students granted permission to enroll for 19 semester hours will pay the regular full-time tuition rate plus the current part-time rate for the respective, incremental semester hour(s).

Graduation Fee

All graduating seniors are assessed a Commencement Fee, due the semester of their graduation date. The fee covers the cost of the student's diploma and other costs associated with the College's graduation activities. This fee is assessed to student regardless of Commencement Ceremony participation.

Late Financial Registration Fee

Failure to sign and return the Student Account Contract in the July Statement of Account, regardless of the amount due, will result in a late fee.

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Special Course Fees

Some Adrian College courses such as Associate Teaching, applied music classes, studio art courses and some other classes, require the payment of a special course fee. These fees vary from class to class and cover special materials or services associated with those individual courses. Refer to the semester schedule books for course fee details. Students taking independent or individual studies (regular courses taught individually) are charged an additional fee.

Student Activity and Technology Fees

The Student Activity Fee helps defray the cost of many campus activities presented at no charge to students, including dances, movies, athletic events, lectures and special performances by visiting entertainers. The Technology Fee helps defray the cost of technology updates.

Summary of Fees

Enrollment Deposit [^]	\$350
Student Activity Fee [^]	\$200
Facilities Fee	\$250
Technology Fee	\$526
Health Center Fee	\$100
Security Fee	\$200
Individual Study (per credit hour)	\$250/credit
Independent Study (per credit hour)	\$250/credit
Residential Damage Deposit	\$100
Late Academic Registration Fee	\$100
Graduation Fee	\$50
Late Student Account Contract Fee	\$50
Late Payment Fee	\$75

[^] Guest students, special students, and students enrolled in fewer than three semester hours are exempt from this fee.

Living Accommodations

As a residential college, Adrian recognizes that the institution's teaching mission extends beyond the classroom. In order to provide students with the maximum opportunity to engage in this out-of-class education, all full-time students are required to live on campus for four years. Exemptions based on local residence, marital status, 5th year senior, age or part-time student may be made by application to the Housing Office. Apartments, fraternity and sorority and theme housing is considered on campus housing. The College may designate other housing alternatives in the future.

Traditional Residence Hall rooms are furnished with beds, desks, chairs and dressers. Students furnish their own pillows, bedding, telephones, towels and study lamps if they

want them. Each room has voice mail and a connection to the campus computer network and through the network to the Internet. Students need an Ethernet card to connect their computers to the central system. To ensure compatibility with the system, students may wish to call the computer center before purchasing a network card. Hall Coordinators, Resident Assistants or House Managers are available in each facility to help meet the needs of each student.

New students who have submitted an Enrollment Deposit and turn in their Room and Board Agreement by the deadline are assigned rooms during the summer. The Enrollment Deposit is refundable if it is cancelled by May 1st in writing. Single room accommodations are available upon request if Room and Board Agreement is in by deadline.

Returning students establish their priority for room reservations by submitting a Room and Board Agreement online in March. The advance housing payment must be made before the student can be housed. This payment is applied to the student's room charge and is refundable if housing is cancelled by May 31st. Room assignments in residence halls are made by the online lottery system. Apartment and Theme assignments are made by application process.

Students who are assigned rooms during the first week of classes will be charged the full semester rate. Thereafter, charges will be prorated.

Students are held financially responsible for the loss of keys, breakage, property or residence hall damage, equipment or furnishings removed from the premises and fines. See residential Damage Deposit for more information.

Students who are living on or off campus are encouraged to purchase a renter's insurance policy to cover personal contents (laptops, clothing, etc.). The College is not responsible for any damage/theft of a student's personal property.

Dining Facilities

All students living in college owned housing are required to participate in one of the meal plans. Three meals are served every day except Saturday and Sunday breakfast. All meals are served cafeteria style. Students may also use their meal card at all Caine Center dining options between 11 a.m.-11 p.m. Monday through Friday and 1 p.m.-10 p.m. Saturday and Sunday.

The College offers a series of dining plan options to suit a variety of schedules and lifestyles. These plans provide varying levels of direct meals as well as Dining Dollars (debit purchasing capability which is built into our meal plan options).

Returning students are required to choose one of the meal options when signing up for fall semester housing

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through the Residence Life Office. Students not indicating a particular meal option will automatically be charged for the 14 meal plan. The plan selected will be included on the fall semester statement in July.

Students have the opportunity to change from one meal plan to another during the first week of every semester. Requests for changes must be submitted in writing to the Housing Office.

Payment of Accounts

Adrian College payment options are Payment in Full, and monthly payment plans of 5-month or 4-month per semester.

Payment in Full are due August 1st for the Fall semester and January 1st for the Spring semester. Automatic Recurring Payments are encouraged for Monthly Payment Plans. Students are required to complete the online Payment Option form to formally request their payment option choice through the AC-Forms Processor. Payments can be made via debit/credit card or e-check through NetClassroom or check and/or cash can be made at the Student Business Services (Cashier's Office), located on the main floor in the Caine Student Center.

A \$75 monthly late payment fee will be assessed when the minimum payment is not received by the due date. No late fee will be applied if the outstanding balance is due to work study that will be applied to the student account.

Monthly Payment Plan Options:

Adrian College offers two monthly payment plan options. There is an administrative fee associated with each payment plan option as indicated.

5 Payment Plan Option

(\$95 Administrative fee will be charged annually)

Fall Semester payments are due the 1st of each month (August, September, October, November, December)

Spring semester payments are due the 1st of each month (January, February, March, April, May).

4 Payment Plan Option

(\$125 Administrative fee will be charged annually)

Fall Semester payments are due the 1st of each month (September, October, November, December). Spring semester payments are due the 1st of each month (February, March, April, May).

Any non-current student with a past due balance will be

subject to any/all collection fees up to 33.3% and/or attorney fees necessary to collect the amount due. Students

with a past due account will not be permitted to register for classes, have official transcripts or a diploma released until paid in full.

Delayed Payment Policy for Students Receiving Veteran Benefits

Adrian College will not impose a penalty, including the assessment of late fees, the denial of access to classes, libraries, or campus facilities, or require a covered individual to borrow additional funds, on any covered individual because of the inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under Chapter 31 or Chapter 33.

Refunds

Student Account Refund

In the event a student account balance is a credit (overpayment), a refund will be processed within a 14-day period of financial aid disbursement to the student account. Refund checks are mailed to the address on file in the student information system

Advance Housing Payment Refund

The advance housing payment will be refunded if the Housing Office has received written notice of cancellation by May 31st for returning students.

Room and Board Plans

Board (a.k.a. meal) are purchased on a semester basis. If a student withdraws or is dismissed from school, the Room and Board charges will be adjusted according to the liability schedule below.

Enrollment Deposit Refund (New Students Only)

If the student's plans to attend Adrian College change, we will refund the Deposit if a written request, postmarked May 1 or earlier, is submitted to the Office of Admissions.

Class Withdrawals/Refunds, Tuition and Fee Adjustments (Tuition and Fee Liability)

The last day to DROP from or change classes without any tuition and fee liability is the Sixth Day of classes (the "Add/Drop" deadline). Students who wish to withdraw for the semester must complete an official Withdrawal Request Form, which can be obtained from the Registrar's Office (Stanton Administration Bldg.). The form includes instruction to complete and submit the form for processing. A course change is defined as one or more course(s) switched for one or more course(s) of equal credits. If you reduce your number of enrolled credits to fewer than 12

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credits for a semester, or completely withdraw from the College after the Add/Drop deadline, you will be responsible to pay tuition and fees corresponding to the number of dropped credits in accordance with the schedule below. Your remaining charges will be based upon the number or your currently enrolled credits.

When is the Last Date to Withdraw from Classes without Incurring a Tuition and Fee Liability?

The last day to withdraw from classes with no tuition/fee liability is the Add/Drop deadline. This means that if you completely withdraw from the College - before the Add/Drop deadline, you - are not responsible to pay tuition and fees according to the current Tuition / Fee, Room and Board Liability schedule below.

Students who officially withdraw from the College - after the Add/Drop deadline are still responsible to pay tuition and fees according to the schedule below. The first day of classes, as scheduled by the College, shall be deemed to be the first day that classes are offered, as indicated on the Academic Calendar.

Students who reduce the number of credits to fewer than 12 credits for the semester after the Add/Drop deadline are responsible to pay tuition / fees, room and board at the full-time (12 – 18 credit hours) rate.

Students who enroll for class(es) after the semester start date or start attending class(es) after the semester start date and then withdraw from classes are still responsible to pay tuition and fees in accordance with the Tuition & Fee Liability Schedule below. The exception is for withdrawals from class(es) that are defined by the College's Registrar's Office as late-start classes.

REMEMBER that YOU, the student, are responsible for:

- knowing that you are registered for classes,
- knowing the classes for which you are registered,
- paying your billing statements in a timely fashion,
- understanding and following the correct procedures to withdraw from courses or credits.

The Tuition / Fee, Room and Board Liability Schedule:

Liability Period	Tuition / Room and Board Ineligible for Refund	Tuition / Room and Board Eligible for Refund	Fees Ineligible for Refund
Through the Sixth Day of Classes (the	0%	100%	0%

"Add/Drop" deadline)			
The Seventh Day of Classes through the Second Week of Classes	30%	70%	100%
Third Week	50%	50%	100%
Fourth Week	70%	30%	100%
After the Fourth Week	100%	0%	100%

The 8-week Tuition/Fee, Room and Board Liability Schedule:

Liability Period	Tuition / Room and Board Ineligible for Refund	Tuition / Room and Board Eligible for Refund	Fees Ineligible for Refund
Through the Second Day of Classes (see "Add/Drop" Deadline)	0%	100%	0%
The Third Day of Classes through the Fifth Day of Classes	50%	50%	100%
Second Week	70%	30%	100%
After the Second Week	100%	0%	100%

During the 0% Ineligible for Refund period any refunds will be processed and charges removed for tuition/fees and room and board as may be applicable. After the 0% Ineligible for Refund period tuition/fees and room/board (if applicable) will be prorated according to the schedule, above, **and all other fees are due in full.** After 100% Tuition/Room and Board Ineligible for Refund, students are liable for **tuition and all fees, room and board in full.** Students who register for courses and who do not file the appropriate Withdrawal Request Form or do not drop courses before the end of the Fourth Week of classes are liable for their full charges.

Withdrawals & Cancellations

If you decide not to attend Adrian College, it is your obligation to properly withdraw. Non-attendance of classes does not classify as an official withdrawal and does not relieve the student of his or her financial obligation or entitle the student to a refund.

All students who are given permission to cancel his or her registration or who are withdrawing from the classes shall be liable for payments of tuition and all fees in accordance with the liability schedule. The last day to WITHDRAW from classes without any tuition liability is the Add/Drop deadline.

Withdrawals

The process of withdrawing from Adrian College is a formal procedure which the student has the responsibility to initiate. A withdrawal after the add/drop period ends will have a "W" recorded for all registered courses on the academic transcript. A student withdrawing shall be responsible for payment of tuition and fees in accordance with the Tuition Fee Room and Board Liability Schedule. The date recorded by the Registrar's Office will be used as the official withdrawal date for tuition/fees, room and board adjustment or refund purposes.

Cancellations

Cancellations must be made in writing before the add/drop deadline. No grade is recorded on the academic transcript for registered courses when a student cancels their registration. A Student who is given permission to cancel his or her registration shall be responsible for payment of tuition and all fees in accordance with the Tuition/ Fee, Room and Board Liability Schedule.

Non-attendance / Non-payment / Dismissal

Non-attendance of classes WILL NOT cancel your registration, nor will it relieve you of your financial obligation, or entitle you to a refund. Failure to appropriately cancel registration with Adrian College may result in the assessing of additional administrative fees to the student's financial account balance.

A Student who is dismissed for academic or disciplinary reasons prior to the end of an academic term shall be liable for tuition and fees due for the term according to the Tuition/ Fee, Room and Board Liability Schedule.

Financial Aid Implications

When a student officially withdraws prior to completing more than 60% of the semester, Federal regulations require the Office of Financial Aid to apply a formula established

by the U.S. Department of Education to determine the amount of Federal financial aid that has been earned by the student. The amount of Federal financial aid returned to federal aid programs is determined by the amount of time the student spent in academic attendance, but has no relationship to the institutional charges incurred by the student. Institutional aid will also be reduced following the same calculation to determine percentage earned.

For students that unofficially withdraw and/or finish a semester with all F's or a combination of all F's and W's, a last date of academic related activity will be determined by the Registrar's Office and a calculation of the percentage of earned aid will be based on this date.

Satisfactory Academic Progress

Satisfactory Academic Progress

The Higher Education Act of 1976, as amended, requires Adrian College to develop and apply a consistent and reasonable standard of academic progress for all students. Students who fall behind in their coursework or fail to achieve minimum standards for grade point average and completion of classes, risk losing their eligibility for federal and state financial aid, external scholarships/grants/loans, Adrian College scholarships and grants, and athletic eligibility.

SAP is assessed both qualitatively (by cumulative grade point average) and quantitatively (by earned credit hours). Students must also complete their degree within a Maximum Time Frame of 150% of the published program length. A student is not permitted to receive federal student aid if the attempted credit hours exceed the Maximum Time Frame of 150%. Progress is measured at the end of each term to determine a student's academic and financial aid eligibility for future enrollment periods. Students not meeting SAP standards will be notified by the Registrar's Office and the Office of Financial Aid (both by mail using their self-reported permanent address and through their Adrian College email account).

In order to maintain satisfactory academic progress (to be in good standing academically) a student must do two things:

1. Qualitative Measure – Maintain a 2.0 cumulative GPA (undergraduate students), or a 3.0 cumulative GPA (graduate students); and
2. Quantitative Measure – Successfully complete (i.e., pass) 2/3 of the credit hours attempted.

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Maximum Timeframe (150% Rule)

Students are not permitted to receive federal student aid for a period no longer than 150 percent of the published length of the program.

Grade point averages are calculated by dividing total quality points by quality hours (i.e., credit hours attempted). Hours for courses for which grades of NG, NC, W, or I are excluded from the hours attempted to obtain quality hours.

Hours successfully completed include all credit hours attached to course grades of A, A-, B+, B, B-, C+, C, C-, D+, D and D-. Hours attempted include those successfully completed as well as those attached to courses in which grades of F, FA, I, W, XF, NG, and NC were assigned.

SATISFACTORY ACADEMIC PROGRESS WARNING

The first time a student does not meet SAP standards they will be placed on Academic and Financial Aid Warning for the next semester. This means they are one term away from being able to continue their education at Adrian College. Failure to meet SAP standards in the semester in which the student is on Warning will result in Academic Suspension.

SATISFACTORY ACADEMIC PROGRESS SUSPENSION

Students who do not meet academic satisfactory academic progress requirements at the end of the academic warning period will be placed on academic suspension and will not be eligible for continued enrollment without appealing.

SATISFACTORY ACADEMIC PROGRESS ACADEMIC PLAN & APPEAL PROCEDURE

Any student placed on academic suspension due to the policy may appeal to the Academic Status and Review Committee. Instructions on how to appeal and an appeal application will be included with the SAP notification letter sent by the Vice President and Dean of Academic Affairs from the Registrar's Office (registrar@adrian.edu). Students wishing to appeal will be required to write a formal letter addressed to the Academic Status and Review Committee and submit it, along with the appeal application, to the Registrar's Office explaining why he or she is not currently making Satisfactory Academic

Progress. The letter should also include the student's plan to sufficiently improve their academic status.

After an application for appeal is received, the student will be notified in writing of the results of the Satisfactory Academic Progress Appeal. Reinstatement of enrollment for a subsequent period will be determined on an individual basis. The committee may not consider students for readmission if their application and/or letter is not submitted on or before the due date provided in the SAP notification letter.

Students who do not meet the terms of Satisfactory Academic Progress, and who either elect not to file an appeal, or who failed to meet the terms of their academic plan will be required to meet the Satisfactory Academic Progress standards before regaining eligibility for enrollment.

Students are limited to two (2) SAP Appeal submissions during their enrollment at Adrian College. Students are not eligible for their second appeal directly after the probationary term as they would not be making SAP for more than two consecutive semesters.

SATISFACTORY ACADEMIC PROGRESS PROBATION

Students will be assigned this status if they fail to meet satisfactory academic progress at the end of SAP Warning period but successfully appeal. Students will be permitted to receive financial aid for one additional term with continued eligibility to be reviewed and determined at the term's end. Students on SAP academic probation are monitored for improvements and are required to adhere to their terms and conditions of probation.

INCOMPLETES, WITHDRAWALS, FAILURES AND REPETITIONS

Classes graded with failure ("F"), "academic dishonesty", "incomplete", "no credit", or "withdraw" will be evaluated as courses attempted, although not successfully completed. Repeated courses will count toward academic progress.

TRANSFER CREDIT, ADRIAN COLLEGE CREDIT HOURS AND ACADEMIC PROGRAM

When determining if a student is within the requirements of Adrian College's Satisfactory Academic Progress policy, the Office of Academic Affairs will consider credit hours that are accepted by the Registrar's

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Office as transfer credit or that were taken at Adrian College, and that are applicable to the student's academic program. The number of transfer credit hours accepted will be used to calculate a student's remaining eligibility according to the maximum timeframe standard (150% rule) and will be included in the quantitative calculation which includes number of credits attempted and completed. Transfer credit grades are not considered in a student's GPA. The GPA used for Satisfactory Academic Progress policy only considers classes taken at Adrian College.

Adrian College Statement of Student Responsibility

Adrian College Students, whether new, visiting, returning, or continuing, are responsible for reviewing, understanding, and abiding by the College's regulations, procedures, requirements, and deadlines as described in all official Adrian College publications including, but not limited to, the Course Catalog, Student Handbook, web site, and class schedules.

Semester Adjustments - May Term and Summer School

A student who is dismissed or who completely withdraws after the first day of class, and before the end of the Drop and Add period, will receive a 100 percent credit on tuition. No credit will be issued after the Drop and Add period.

Special Circumstances Withdrawal

In case of withdrawal due to extenuating circumstances, such as serious illness or injury, some variance may be given to the regular withdrawal charges listed for tuition, room and board. Withdrawals of this nature should be reviewed fully with the Manager of Student Business Services.

Special Fees

No refunds are made on course fees after the add/drop deadline.

Scholarships and Grants

One-half of all verified grants, scholarships and loans (except for loans where the proceeds are paid directly to the student or parents) will be applied to each semester's charges. Wages earned under federal Work-Study and campus employment programs are paid to the student by payroll checks, issued every two weeks, for the actual hours worked.

Student Health Insurance

Students attending Adrian College are responsible for their own health insurance coverage as the College does not provide or sponsor a health insurance plan for students. It is

strongly recommended that students verify they have such coverage through their parents'/guardians' insurance plan or purchase such coverage directly with an insurance carrier. Students may visit sis-inc.biz for available health insurance options.

Student Financial Aid

Philosophy of Financial Aid

The Office of Financial Aid at Adrian College is committed to assisting students find the best financial options for their education. The mission of the Office of Financial Aid is to provide access to financial aid information and resources to students, who without such assistance would be less likely to attend an institution of higher education.

Operating Policies

The following operating policies are designed to assure that the financial aid office is effective in carrying out its responsibilities.

- All students must apply for financial assistance by submitting appropriate application forms to the Office of Financial Aid.
- All funds available to Adrian College for financial assistance shall be administered through the financial aid office. When funds or awards are received from outside sources by other offices (such as Student Business Services) that office will be required to notify the financial aid office.
- The Office of Financial Aid shall maintain adequate records to ensure proper administration of aid funds. This includes ensuring that aid given is not in excess of the cost of attendance and that aggregate awards do not exceed total expenditures of funds under each program.
- Selection of students to receive financial aid will be made without regard to age, sex, race, color, religion, sexual orientation, national origin, disability or marital status.
- Priority consideration for aid is given to students whose files are complete by March 1st prior to the award year.
- All students applying for aid are required to apply annually for Federal, Institutional and State Assistance.

General Eligibility

A student must meet certain requirements to be eligible for Federal financial aid. Those requirements include but are not limited to:

- Be a U.S. citizen or eligible noncitizen.

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- Have a valid Social Security Number.
- Have a high school diploma, a General Education Development (GED) Certificate or equivalent.
- Be enrolled or accepted for enrollment as a regular student working toward a degree or certificate in an eligible program at a school that participates in the federal student aid programs.
- Not have a drug conviction for an offense that occurred while the student received federal aid (such as grants, loans, or work-study).
- Be meeting the requirements for SAP.
- In addition, a student must not owe a refund on a federal grant, be in default on a federal student loan and must demonstrate financial need (except for unsubsidized loans).

An award package is offered after a student has fulfilled the following:

- Acceptance for admission
- Completion of the Free Application for Federal Student Aid (FAFSA) or the CSS Profile – International students only.

Students should complete their file by March 1 to be given priority consideration for the following academic year. Files completed after that date will be considered late applications and will be awarded aid in the order in which the applications were completed.

Financial Aid Programs

Adrian College Scholarship/Grant Policy

Adrian College Scholarships/Grants are earmarked for full-time, on-campus study for up to eight semesters of undergraduate course enrollment. Students may not receive institutional scholarships/grants that are in excess of tuition and fees. Outside scholarships may affect Institutional or State grants and scholarships. Veteran Affairs Benefits, Post 9/11 GI Bill (Chapter 33), and ROTC Full-tuition scholarships are included and will reduce the scholarship/grant eligibility of the student dollar for dollar. Please note that the qualifying for Adrian College Scholarships may reduce previously awarded Adrian College Grants.

Adrian College Scholarships

Undergraduate students who are full time and enter into college with the required SAT and GPA will be reviewed for Adrian College scholarship assistance up to 8 consecutive semesters of on-campus study. Students who receive a

merit-based Adrian College Scholarship will need to maintain their full-time status (12 undergraduate credits or above) and maintain good standing to remain eligible. Failure to maintain either criterion could result in loss of the scholarship.

Additional Adrian Scholarships

Additional Adrian scholarships are available for incoming students who attend a Scholarship Day, are children or grandchildren of Adrian College alumni (Legacy Scholarship) or active members of the United Methodist Church.

Adrian College Grants

Students who file the FAFSA will be considered for both needs based and non-need-based grants. These awards may be renewable for up to four consecutive years. Renewal is contingent upon the student's annual submission of the FAFSA, maintaining satisfactory progress and full-time undergraduate enrollment. Renewal may also be contingent upon the student's VII status (on or off campus) and funding levels.

The Adrian College Grant will be reduced if necessary to maintain Federal, State, and College budgets. Any other financial aid award that exceeds \$99 and is not a part of the original financial aid award, whether it be an Adrian College or outside scholarship, Federal/State grant or scholarship money, Federal loan, or tuition waiver, can reduce Adrian College Grants.

Endowment and Contributed Scholarships

Through generous gifts from family, friends and alumni of Adrian College, various scholarship programs have been established. If a specific donor provides a student scholarship, the student may be notified by the Development Office and requested to write a thank you note and/or meet the donor.

State of Michigan Financial Aid Programs

Adrian College participates in several State of Michigan financial aid programs. These programs include but may not be limited to; the Michigan Competitive Scholarship, Michigan Tuition Grant, Tuition Incentive Program and Fostering Futures Scholarship. Michigan residency is required for all state aid programs.

Michigan Tuition Grant

The Tuition Grant Program, established in 1966, provides need-based grants up to Michigan residents

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attending private colleges in Michigan. Half-time students are also eligible.

Program Details

- Federal processor must receive Free Application for Federal Student Aid (FAFSA) by March 1.
- Must be enrolled at an approved independent, degree-granting Michigan institution.
- Cannot be enrolled in a course of study leading to a degree in theology, divinity, or religious education.
- Must maintain a minimum cumulative GPA of 2.0 or higher and be maintaining SAP.
- *Annual Award Amount*
- Program is need based.
- Award amount is based on annual State funding levels and a student's enrollment level.
- Must be registered for at least 6 credit hours.
- Award limited to tuition and mandatory fees.
- Limited to 10 semesters.

Michigan Competitive Scholarship

Established in 1964, this program provides need-based scholarships to Michigan residents attending private colleges in Michigan. Scholarship awards are based on the results of the ACT, which must be taken on or before the first testing date of the senior year, with results sent to the state of Michigan.

Program Details

- Achieve a qualifying ACT score of at least 23 (composite) or 90 (scaled score) prior to entering college. Starting with the Class of 2017, an ACT score will not be considered. Students must achieve a qualifying score of at least 1200 on the SAT.
- Federal processor must receive the Free Application for Federal Student Aid (FAFSA) by March 1.
- Cannot be attending an institution whose primary purpose is to prepare students for ordination or appointment as a member of the clergy of a church, denomination, or religious section.
- Must maintain a minimum cumulative GPA of 2.0 or higher and be maintaining SAP.

Annual Award Amount

- Program is both merit and need based.
- Award amount is based on annual State funding levels and a student's enrollment level.
- Must be registered for at least 6 credit hours.
- Award is limited to tuition and mandatory fees.
- Limited to 10 semesters.

Tuition Incentive Program (TIP)

Established in 1987, this program provides assistance to Michigan residents that meet certain Medicaid eligibility history requirements. Eligible students must apply prior to High School graduation.

Program Details

- Student must have received Medicaid coverage, as determined by the Michigan Department of Health and Human Services (DHHS), for 24 months within any 36-consecutive month period between age 9 and high school graduation.
- Must submit application by August 31 of the student's senior year.
- Must begin using TIP within four years after high school graduation.
- Eligibility ends after six years from the date of high school graduation.
- Must be enrolled in an Associate Degree program to qualify for phase 1 award.

Annual Award Amount

- Award is limited to tuition and fees.
- Cannot exceed 80 semester credits.

Federal Aid Programs

Federal Pell Grant

Federal Pell Grants are awarded to undergraduate students who have exceptional financial need and do not have a prior Bachelor's degree. Students apply using the FAFSA and can receive no more than 12 semesters or the equivalent (roughly six years of full-time enrollment). The amount of this grant is determined by the Federal Government and can change yearly based on funding levels and calculated financial need from the FAFSA.

Federal Supplemental Educational Opportunity Grant (SEOG)

The FSEOG may be awarded to full-time undergraduates whose FAFSA form indicates exceptional financial need. Awards are based on funds available at the time of application. Award amounts are limited and vary.

Federal Campus Employment (Work Study Program)

The federal government supports employment for financially needy students. In addition to demonstrating need, eligibility requires full-time undergraduate enrollment. Awards are based on funds available at the time of application. This program encourages community service work and work related to each student's course of study, where applicable. Students are responsible for securing

Financial Information

employment and perform job duties according to the position description. The number of hours a student may work each week is determined by the amount of the work study award. Assigned work hours may not conflict with class attendance or scheduled examinations. Failure to perform assigned duties satisfactorily may result in job termination. Work study earnings can be applied to semester charges or paid directly to students according to the Student Pay Schedule established by Payroll Department.

Federal Direct Subsidized Stafford Loan

Undergraduate students who demonstrate financial need (based on their FAFSA results) may be eligible for a Federal Direct Subsidized Loan. Interest is paid by the federal government during eligible in-school, grace and deferment periods. The subsidized loan does NOT accrue interest while the student is enrolled at least half-time. There is a 6-month grace period after graduation or dropping below half-time before repayment is required. The repayment period can be as long as 10 years. The Financial Aid Office will notify students, who are eligible to borrow a Subsidized Stafford Loan, of their maximum eligibility. Maximum loan amounts are based on grade level and financial need.

Federal Direct Unsubsidized Stafford Loan

The unsubsidized loan is NOT based on financial need and is awarded to both undergraduate and graduate students. The student is responsible for paying the interest, which begins accruing as soon as the loan is disbursed. There is a 6-month grace period after graduation or dropping below half-time before repayment is required. The repayment period can be as long as 10 years. The unsubsidized loan DOES accrue interest while the student is in school. Students can make interest payments or let the interest capitalize. The Financial Aid Office will notify students, who are eligible to borrow an Unsubsidized Stafford Loan, of their maximum eligibility. Maximum loan amounts are based on grade level, dependency status and financial need.

Loan Limits

The chart below illustrates the annual loan limits based on dependency status and class standing.

Annual Limits for Sub/Unsub Loans	Subsidized	Total (subsidized & unsubsidized)
Dependent Undergraduates (excluding dependent students whose parents can't get PLUS)		
First Year.....	\$ 3,500	\$ 5,500
Second Year.....	\$ 4,500	\$ 6,500
Third Year and Beyond.....	\$ 5,500	\$ 7,500
Independent Undergraduates & Dependent Students whose parents can't get PLUS		
First Year.....	\$ 3,500	\$ 9,500
Second Year.....	\$ 4,500	\$ 10,500
Third Year and Beyond.....	\$ 5,500	\$ 12,500
Graduate & Professional Students (all years).....	\$ 0	\$20,500

Note: All undergraduate annual loan amounts are subject to proration.

The chart below illustrates the aggregate loan limits based on dependency status and program.

Aggregate Limits for Sub/Unsub Loans	Subsidized	Total (subsidized & unsubsidized)
Dependent Undergraduates (excluding those whose parents can't borrow PLUS).....	\$ 23,000	\$31,000
Independent Undergrads & Dependent Students whose parents can't get PLUS.....	\$ 23,000	\$ 57,500
Graduate & Professional Students.....	\$ 65,500**	\$ 138,500*

See guidance later in this chapter on additional unsubsidized eligibility for students in certain health professions programs, special loan limits for preparatory & teacher certification coursework, and the 150% subsidized eligibility limitation.

Graduate and professional students are no longer eligible for Direct Subsidized Loans.

**Aggregate loan limits for graduate and professional students include loans received for undergraduate study. The \$65,500 subsidized aggregate loan limit shown here for graduate and professional students includes subsidized loans received before subsidized loan eligibility was eliminated for those students, and prior subsidized loans received for undergraduate study.*

Federal Parent Loan for Undergraduate Students (PLUS)

The Federal PLUS program allows parents to borrow up to the cost of attendance minus estimated financial aid for the academic year for each dependent student enrolled at least half time. These loans are the financial responsibility of the parent borrower. The borrower has the option of beginning repayment on the PLUS loan either 60 days after the loan is fully disbursed or wait until six months after the dependent student on whose behalf the parent borrowed ceases to be enrolled on at least a half-time basis. The College determines maximum eligibility based on the student's federal cost of attendance minus all other forms of aid. The parent applicant will need to complete a Parent PLUS application and PLUS direct loan master promissory note yearly at studentaid.gov.

Outside Scholarships and Reimbursement Programs

Outside Scholarships

An outside scholarship is any scholarship not awarded by the government or the school, such as a scholarship provided by a private sector company, high school or community foundation. Outside scholarships are considered resources, meaning that they may reduce a student's financial aid package dollar for dollar. Schools often do not

Financial Information

have a choice in the matter. Federal rules concerning "over award situations" require the school to reduce the financial aid package when the sum of financial aid from all sources exceeds the school's cost of education.

Students are required to report any outside scholarships to the school's financial aid office. If a student fails to report an outside scholarship, they may be required to repay the school or the government all or part of their need-based financial aid package.

Employer Payments or Reimbursement

Employer tuition assistance includes a variety of employer-sponsored programs to help employees and/or their dependents pay for college. In many cases the funds received from these programs may be excluded from income and hence tax-free. Employer reimbursements or payments are considered resources, meaning that they may reduce a student's financial aid package dollar for dollar. Schools often do not have a choice in the matter. Federal rules concerning "over award situations" require the school to reduce the financial aid package when the sum of financial aid from all sources exceeds the school's cost of education.

Students are required to report any outside employer reimbursement or payments to the school's financial aid office. If a student fails to report an outside scholarship, they may be required to repay the school or the government all or part of their need-based financial aid package.

Other Loan and Financing Options

Private Student Loans

Private Education Loans, also known as Alternative Education Loans, help bridge the gap between the actual cost of a student's education and all other educational resources. Private loans are offered by private lenders and do not require a FAFSA to be filed. The Office of Financial Aid recommends that students exhaust federal student loan eligibility before resorting to a private student loan.

Payment Plans

Adrian College offers deferred payment plan options. Please refer to the Payment of Accounts section of the catalog for more information. Students and parents can also inquire with the Student Business Services Office additional information and payment options.

Student Life

Student Life supports the College's mission by providing programs, services and advocacy that support student learning, growth and development in all facets of the College experience. Student Life is comprised of professional educators (administrative, health care, and support staff members) who direct and coordinate numerous functional areas. These functional areas include health services, counseling, residence and Greek life, multicultural programs, student activities, student conduct, leadership development, community service, and campus safety & security. Staff members also collaborate closely with the chaplain's office, academic services, physical plant, and faculty members.

Staff members work out of the Caine Student Center. In addition, staff members direct—with the support of student para-professionals—numerous student residential and Greek facilities that house over 1,400 students.

Student Life staff members have a number of constituents. However, students are our focus. We:

- Seek to house students in attractive, comfortable, clean, safe environments in collaboration with physical plant and campus safety.
- Provide mental and physical health care and education to support students in their academic and other learning goals. Build skills and attitudes that help students effectively apply academic learning.
- Develop opportunities for students to plan, implement, and improve activities and programs.
- Help students to move toward independence and to function effectively within groups.
- Expose students to various cultural traditions and experiences and help students to appreciate differences.
- Respond to student emergencies 24 hours a day, 365 days a year.

Counseling Services

Counseling Services is designed to help students gain an understanding of their life issues and leads to a resolution of their presenting problem(s). The Counseling Center is located in the Adrian College Medical Clinic and services are free to all registered Adrian College students. The Counseling Center is open Monday through Friday 9:00am-4:00pm during the fall and spring semesters. Students are seen weekdays by appointment between 9:00am-4:00pm by calling 517-265-5161 ext. 4518. Individual or multi-person counseling sessions are focused on helping students develop personal strategies, competencies and life skills that enhance their ability to be successful in their academic and personal

growth and development. Some of the issues that are most frequently presented by students are:

- Adjustment issues such as homesickness,
- Anxiety/Depression issues that often interfere with students' ability to attend classes and complete assignments,
- Time management,
- Family issues,
- Financial issues,
- Roommate conflict,
- Partner issues-long distance relationships, break-ups,
- Grief work.

Students receive short-term counseling for current presenting problems. Referrals to other clinicians in the community are available. Counseling Services also offers support groups, as needed, presentations and workshops for various campus groups.

Counseling Services are staffed by qualified clinicians, experienced in working with college students. A variety of theoretical orientations and intervention styles are employed in keeping with the needs of individual students. All counseling conversations with students are covered by the ethical codes of confidentiality of the American Psychological Association.

Health Services

New students to the Adrian College campus are required to submit a Student Health & Medical History Record, Immunization History to the Health Center. Failure to supply this information may delay the registration process.

The Health Center is located in the Adrian College Medical Clinic. The Health Center is open fall and spring semesters Monday through Friday 9:00am - 4:30 pm. Walk-in hours are Monday through Friday 9:00am-11:30am. Appointment hours are Monday through Friday 9:00am-4:30pm and can be made by calling 517-265-5161 ext. 4214. The Health Center is closed Saturday and Sunday. The Health Center is also closed during any holiday breaks that the residence halls are closed.

The Health Center is nurse-directed and consists of two registered nurses. Services are available to ALL Adrian College students, including full-time, part-time and commuting students.

Student Life

The Health Center provides:

- acute illness evaluation and treatment,
- screening evaluations and disease prevention such as blood pressure checks, weight and vision,
- first aid for minor injuries,
- referrals and coordination of care to off-campus health care consultants,
- over-the-counter medications, use and instructions,
- health education on preventative health care and lifestyle issues including sexually transmitted infection education,
- blood draws with appropriate order from physician,
- follow-up of emergency hospital visits
- loan of crutches, wheelchairs and other medical equipment,
- immunizations including; Tetanus, MMR, Hepatitis B series, Meningitis, and influenza vaccine (check with your insurance company—many vaccines are covered by insurance).

When a student is seen in the Health Center, there is no cost for the nurse visit. There may be charges for medications, immunizations and treatment supplies. These charges may be paid for or charged to the student's account as a health service fee. Receipts for medications or immunizations can be requested by the student. The student is then responsible for submitting the request to their private medical insurance. Check with your insurance carrier regarding submission of these claims. The Health Center does not bill private insurance companies.

Confidentiality

All Health Services records are confidential. Safeguarding students' medical information is not only a legal requirement, but also an important ethical obligation. No one will have access to health records without the written consent of the student, including their parents/guardians, if the student is of legal age (18 years or older). Information from a student's health record will not be disclosed except in cases of extreme urgency where there is an obvious "need to know", such as in cases of injury to themselves or others or as required by law. Students have the right to access their personally identifiable medical files and have the right to correct or remove any inaccurate, irrelevant or out-of-date information.

Health Insurance

Students attending Adrian College are responsible for their own health insurance coverage, as the College does not provide health insurance coverage for students. It is highly recommended that students verify that they have coverage through their parent/guardian insurance plan or purchase such coverage directly from an insurance carrier. Students may visit sis-inc.biz for available health insurance options.

Residence Life

On campus living at Adrian College offers far more than just a place to sleep. There are several different living environments from which to select including substance-free housing, student houses, and apartments for returning students. All living environments are tobacco-free and offer a variety of opportunities to explore a full range of activities and interests that develop practical skills. All full-time students are required to live on campus and have a meal plan unless they meet specific criteria for exemption. These criteria are published annually by the College. Housing over break is limited to students with extenuating circumstances. Students should contact the Housing office for more information.

On-Campus Living

Students living on campus are required to register for and maintain 12 or more credit hours. A student dropping below 12 hours must contact the Housing Office for special permission to remain in campus housing.

Campus Safety

Campus Safety provides continuous 24-hour services designed to assist students in areas of safety and security. The department is comprised of the Director, Deputy Director, and Captain, Lieutenants.

Registration of Motor Vehicles

All motor vehicles possessed or used on campus must be registered every academic year; this includes guests and commuters.

Parking on College property is a privilege not a right. Vehicles can be registered online and picked up at the Department of Campus Safety. You need a valid driver's license, student ID and vehicle registration (not proof of insurance). Any vehicle without a valid parking permit found in any lot where a valid permit is required, will be ticketed and is also subject to being immobilized, by the use of an immobilizing boot, or towed at the owner's expense. This includes but is not limited to, all unpaved or paved

Student Life

areas on campus where vehicles are NOT authorized to be driven, (i.e., on any lawn or grassy area, sidewalks and walkways).

- A vehicle registered by a faculty or staff member, which is operated by a son, daughter, or spouse of said faculty or staff member, who are eligible student drivers, must have and properly display a student permit. The operator of the vehicle must use the proper student lots.
- Students may register only one automobile.

Vehicle Registration

Adrian College does not assume responsibility for the care, or protection, of any vehicle or its contents, while operated or parked on Campus property. Motor Vehicle Registration expires when:

- As indicated on permit (by academic year)
- When ownership of vehicle changes.
- When the eligibility of motor vehicle privileges is revoked by disciplinary action.

If a registered vehicle is traded for another or a windshield is replaced, a new permit will be issued at \$5.00 additional cost, provided the remnants of the older permit are presented at Campus Safety.

The Adrian College window parking permit is to be completely affixed with its own adhesive and displayed at all times on the lower inside corner of windshield, driver's side. An expired permit must be removed before a new one is affixed. Permits must not be altered or defaced in any way. Tickets may be issued to vehicles displaying a permit incorrectly.

Student Activities

The Office of Student Activities is located in the Caine Student Center. Involvement in campus organizations, student activities and service opportunities provide balance to the academic experience for students at Adrian College.

Student Organizations and Leadership Programs

The Office of Student Activities is responsible for overseeing and assisting over 75 student organizations at Adrian College. The student organizations recognized by the Office of Student Activities represent cultural, religious, recreational, special interests, performance groups, student government, media activities, and academic honoraries. The Office of Student Activities publishes the "Student Organization and Advisors Guide," which contains policies, resources and other information for student leaders.

Caine Student Center

The Caine Student Center is the campus center and is open 24 hours a day. It serves as an information, services and activity center for students, staff, alumni and other guests of the College. Campus Safety, Student Business Services, The Bookstore, Student Government Association, Campus Activities Network, Student Activities, and the Writing Center are located in the Student Center. Student Center staff members schedule activities and approve on-campus postings. Campus Safety is the campus "lost and found."

Within the Student Center, students will find lounge areas, a computer station, meeting rooms, recreational space, coffee, food and a convenience store.

Commuter Information

The center for commuter activity is the Caine Student Center which provides a place to relax between classes. The Office of Student Activities is the source of information about campus events and activities. Commuters are strongly encouraged to join student organizations or participate in other leadership opportunities on campus.

Campus Activities Network (CAN)

The Campus Activities Network (CAN), located in the Caine Student Center, coordinates recreational, educational, cultural and social programs for Adrian College students. Working in cooperation with the Office of Student Activities and other student organizations, CAN sponsors a variety of quality programming for all students to enjoy. CAN hosts coffeehouses, bands, magicians/illusionists, comedians, lectures, BINGO and many more exciting events. CAN members also have the opportunity to attend NACA, a professional student activities conference, where they discuss the latest research on programming, student activities and get the opportunity to view upcoming acts in the college entertainment business. Any Adrian College student can become a member of CAN.

Student Government Association (SGA)

Student Government Association (SGA), represents the student body and is the elected voice of the students. SGA recognizes the importance of advocating for student concerns in the process of decision making that affects the student population. SGA is a forum for student ideas; SGA representatives serve on campus committees in order to affect policies that concern students.

Student Government projects have included: community involvement, canned food drives, newsletter, increased computer and library hours, leadership days,

Student Life

national conference attendance, voter registration drive, appreciation week, multiple meal plans for students, enhanced student activities and the Student Center.

Greek Life

Today's students are tomorrow's leaders. The Greek Life community at Adrian College provides numerous opportunities for students to enhance their college experience. Approximately one in four students who attend Adrian College becomes a part of Greek Life. Adrian's Greek Life emphasizes values including leadership, scholarship, service, philanthropy, friendship, and social responsibility. The nationally affiliated organizations include: Alpha Phi, Alpha Sigma Alpha, Alpha Tau Omega, Chi Omega, Pi Kappa Alpha, Sigma Alpha Epsilon, Tau Kappa Epsilon and Theta Chi. One local sorority, Delta Nu Kappa, is recognized on campus. The Greek community is housed in college-owned facilities which serve as the respective chapters living quarters and place of various activities. Students who are Greek can opt to live in these facilities as part of their four-year live on requirement instead of living in a Residence Hall. Formal recruitment takes place in the fall semester of each school year.

Academic Activities

Academic and Cultural Enrichment

The College offers many opportunities for intellectual and cultural enrichment outside the classroom.

Ribbons of Excellence Day

The annual event features student scholarly and creative activities of Adrian College students based on the standards of excellence or “ribbons” established in 2007 to support the College’s mission statement. The purpose of this day is to encourage students to engage in the acquisition of new knowledge outside the classroom and to act as a catalyst for student and faculty collaboration.

Lectureship Series

The college offers numerous opportunities to the Adrian College community to engage international and national experts on a variety of topics and subjects through lecture and film. In recent years, audiences have seen and heard speakers as varied as Jonah Lehrer, Temple Grandin, Christine Brennan, Kevin Michael Connolly, Meg Jay, Richard Rhodes, Paul Smith, Amy Roloff, Susannah Callahan, and Rupert Isaacson.

Disabilities Awareness Week

Disability Awareness Week: Adrian College dedicates a week to the study and recognition of issues of disability. Students, community persons, and agencies active in areas of disability are a part of the week.

Art Exhibits

The Valade Gallery located in Mahan Hall presents at least seven exhibits each school year. These include the works of regionally and nationally-known artists, emerging artists, and Adrian College art faculty and students. The Heritage Room in Shipman Library also hosts exhibits, including art by regional artists and Adrian College students and alumni.

Journalism and Literary Arts Activities

The English Studies and Journalism department provides all interested students with the opportunity to contribute to the student-run newspaper, *College World*, and/or to *Oxcart*, the College’s literary arts magazine.

College World

College World is published several times a term and has a student-led editorial board. All students who would like to write for or work on the newspaper staff are encouraged to contact the English Studies and Journalism department.

Oxcart

Oxcart is a professional quality literary arts magazine that publishes selected poetry, fiction, and non-fiction literary pieces as well as art work submitted by Adrian College students. The student driven editorial board and staff of Oxcart also offers an opportunity to learn more about the work of editing, design, and publication. All students who are interested in submitting work to *Oxcart* or serving on its staff are encouraged to contact the English Studies and Journalism department.

Musical Organizations

The Performing Arts Department presents several annual concerts, including the Showcase Concert in November, the Service of Lessons and Carols in December, and band and choir spring concerts in April. For further information on musical organizations and programs, please contact the Music Department.

Adrian College Choir

The Adrian College Choir is open to all students without audition. Music ranges in style from classical to contemporary. The choir performs several times a year and goes on an annual tour.

Jazz Bands

The two jazz bands at Adrian College perform modern jazz and blues throughout the year at a variety of events on and off campus. Open to all qualified students.

Adrian Concert Band/ Marching Band

The band offers students the opportunity to march and play at football games in the fall, and play traditional band literature in the spring. The band also participates in the annual Homecoming Parade and the Intercollegiate Honors Band performance. Open to all qualified students.

Pep Band

Band members may also choose to participate in pep band, which perform for basketball, hockey, and a variety of other team sporting events.

Adrian College Chamber Choir

Repertoire ranging in style from classic to contemporary. Performs in concert and in the community several times a year and participated in an annual choir tour. An audition is required for participation.

Adrian Symphony Orchestra (ASO)

The Adrian Symphony Orchestra is the Professional Orchestra-in-Residence at Adrian College. The ASO performs a season which includes classical concerts,

Academic Activities

chamber music, Casual Classic concerts, pops and family concerts.

Adrian Student Symphony Orchestra (ASSO)

The Adrian Student Symphony Orchestra is open to all students without audition. Music selections focus primarily in classical genres. The ASSO performs several times per year.

Chamber Ensembles

Students may audition for any of the following chamber ensembles: Brass Quintet, Woodwind Quintet, Percussion Ensemble, String Ensemble, Trombone Quartet, Flute Ensemble, and Saxophone Quartet. Audition required.

Media, Film & Public Relations Activities

Adrian College offers professional experiences through the Communication Department and The Production House. The Communication Arts and Sciences department is in its own multi-purpose media production facility, Rush Hall. The Production House, or ACTV, creates streamed productions. The Rush Hall media complex houses the streaming capable TV Studio, the Mac Editing Lab, production equipment available to Communication Majors, Podcasting and Audio Production facility Adrian College's student-run radio station, WVAC 107.9 FM, and PRush the public relations working group. Students are provided with a variety of hands-on learning opportunities.

Theatre Activities

Adrian College Theatre

Adrian College Theatre stages four major productions each year, with at least one musical. Productions in recent years include *RENT*, *A Nervous Smile*, *Othella*, *Miss Firecracker Contest*, *The 25th Annual Putnam County Spelling Bee*, *When the Rain Stops Falling*, *Rumors*, *Baby*, *Agnes of God*, *Sylvia*, and *A Midsummer Night's Dream*. Adrian College Theatre is an active participant in the Kennedy Center's American College Theatre Festival and has received awards for student work in design, playwriting, and acting. Adrian College Theatre has been invited to perform at the region festival on numerous occasions. Students who have distinguished themselves in classes and through participation in productions are invited to join the local chapter of Theta Alpha Phi, the national dramatic honorary society.

Religious Activities

The chaplain, the department of philosophy and religion, faculty, staff and students work together at Adrian in numerous curricular and extracurricular religious activities designed to help the campus and community develop sound Christian character. The Chaplain's Office seeks to offer programs, information and opportunities

which nurture men and women in the experience and practice of personal and social holiness as defined by scripture and Christian theology.

Chapel

Chapel attendance is a rewarding experience for many members of the College community and occurs on each Wednesday at noon. Students, faculty and staff are invited to participate in the weekly chapel programs, which feature contemporary music, a relevant message, and prayer.

Student Religious Organizations and Activities

Several student religious groups meet on campus. Wesley Fellowship, a fellowship and study group affiliated with The United Methodist Church, is ecumenical in nature. The Catholic Student Association provides study and fellowship activities. Additional religious groups offer non-denominational Bible studies. The "Not for Sale" Anti-human trafficking organization, a chapel praise team, and A.L.P.H.A. (African-American Leaders Promoting Higher Achievement) are vital contributors to student religious life.

Students who wish to register for Conscientious Objector status may do so through the Chaplain's Office.

The Religious Life Council serves as a forum where all religious groups on campus can come together to coordinate and discuss their activities and concerns. In this way it supports and promotes open communication and ecumenical dialogue on campus.

Church Participation

The churches of the City of Adrian are organized for worship and service. Students are welcome to attend all services and will find an atmosphere of genuine fellowship and many helpful contacts with pastors and members of the congregations.

Training for Church Leadership

The Christian Church is essential to a society founded on Christian principles, and its effectiveness will always depend upon its leadership. Adrian College aims to help develop effective church leaders. Students planning careers in the ministry, Christian education, church music or mission service will find appropriate foundational courses to help them prepare for graduate training.

For those looking ahead to the ordained ministry, mission service or another church occupation, the College offers a selection of courses leading to these vocations. However, courses in philosophy and religion are open to all students, who are encouraged to elect as many as possible.

Our pre-seminary/pre-ministry student organization and other groups offer students an opportunity to develop leadership skills that will be useful in church or community work regardless of occupations.

Academic Activities

The Ministry

For service in the ministry of any major denomination, a three-year graduate course at an approved theological seminary is required. The pre-seminary undergraduate program should include philosophy and religion. Pre-ministerial students might consider a major in Philosophy or Religion or in such fields as History, Sociology, Social Work, English or Psychology. This, however, is not a requirement.

Pre-seminary students can obtain catalogs and the requirements of many seminaries from the Chaplain's Office or from the chairperson of the department Philosophy, Religion and Leadership. United Methodist pre-ministerial students should maintain contact with their local church, district and conference boards of ministry, with special attention given to requirements and procedures dictated by the Boards of Ordained Ministry. Pre-ministerial students also should consider Christian vocational opportunities in such fields as chaplaincy, college teaching and Christian education. Students interested in various forms of ministry will want to join the "Major Cole" pre-seminary association.

Athletic Activities

Adrian College has a long history of outstanding athletics and for fielding winning teams in many different sports. Even as our academic programs have gained nationwide visibility and stature, the athletic programs have continued their success.

The Department of Athletics is committed to the pursuit of academic and athletic excellence. Our primary goal is to provide the opportunity for students to experience the personal challenge and enjoyment of high-level competition along with their academic endeavors. The 22 men's and 26 women's varsity and club teams enjoy nearly 60 percent participation from the student body.

We also take great pride in the number of Adrian College student-athletes who have been named Academic All-American throughout the years.

NCAA Division III

Adrian College is a member of the Michigan Intercollegiate Athletic Association — a NCAA Division III conference. This conference brings a group of institutions that share common commitment to academic quality and to the conduct of athletics to support their educational purposes.

While the MIAA is the conference for a majority of the varsity sports, Adrian College also is affiliated with the following conferences: American Heartland (Men/Women's Bowling), Northern Collegiate Hockey Association (Men's and Women's NCAA Hockey), US Figure Skating (Figure Skating and Synchronized Skating), Midwest Volleyball Association (Men's Volleyball), MARC Conference (Men's and Women's Rowing).

Men's Varsity Sports

Teams for men are available in these 14 sports:

- Baseball
- Basketball
- Cross Country
- Football
- Golf
- Ice Hockey
- Indoor Track and Field
- Lacrosse
- Outdoor Track and Field
- Rowing
- Soccer
- Tennis

- Volleyball
- Wrestling

Over the last three years, multiple men's athletics teams have had success at Adrian College. In 2022, the NCAA men's hockey team brought home the school's first ever NCAA National Championship. In 2021, the baseball team made a run to the Division III College World Series for the first time since 2008. The men's basketball team reached the NCAA Tournament for the first time in program history in 2020 after winning the MIAA Tournament. Men's wrestling hosted two NCAA Regionals on campus and sent three individuals to Nationals as they sent two in 2020 and one in 2022. Track and Field was led by Derek Plitt who managed to win multiple All-American honors in indoor and outdoor track including a second place finish in the 60m and the 200m at the 2022 Indoor Track and Field National Championships.

Women's Varsity Sports

Teams for women are available in these 16 sports:

- Acrobatics and Tumbling
- Basketball
- Cross Country
- Equestrian Hunt – Western
- Golf
- Ice Hockey
- Indoor Track and Field
- Lacrosse
- Outdoor Track and Field
- Rowing
- Rugby
- Soccer
- Softball
- Tennis
- Wrestling
- Volleyball

Women's NCAA hockey continues its yearly success winning the NCHA conference title in 2020, 2021, and 2022. Women's soccer made its way to the NCAA Tournament in 2019 after winning the MIAA.

Women's wrestling has shown success as they've ranked in the top-10 in the country the past three seasons led by Zoe Nowicki who won her second national championship in 2022. In 2022, Cailey Beaudoin represented the track and field team at the outdoor national championship in the high jump where she finished 9th. Acrobatics and tumbling finished second in the Division III National Invitational and won six individual events.

Athletic Activities

Club Sports

In addition to varsity sports, Adrian College offers 18 programs that compete at a national level and yet are not affiliated with the NCAA. Any student carrying at least 12 credit hours may try out for any of these activities, provided they are academically eligible as certified by the Registrar.

- ACHA Division I Men's Hockey
- ACHA Division II Men's Hockey
- ACHA Division III Men's Hockey
- ACHA Division I Women's Hockey
- ACHA Division II Women's Hockey
- Baseball
- Bass Fishing
- Men's Bowling
- Men's Rugby
- Women's Bowling
- Cheerleading
- Cornhole
- Dance
- ESports
- Figure Skating
- Softball
- Synchronized Skating Senior/Collegiate/Open

Adrian College has multiple teams at the club level that have shown success over the last few years. Club baseball won a national championship in 2018 during the program's first season. In 2021, the ACHA Men's Division 1 team brought home a national championship as well finishing the year with a 22-1 record. The bass fishing team also won a national championship with the duo of Griffin Fernandes and Hayden Scott. In the team's first season, men's rugby was the national runner-up at the National College Rugby Division 2 level. ACHA Women's Division 1 hockey has won multiple conference championships to qualify for nationals. Synchronized skating has represented Team USA multiple times and has traveled all over the world to compete.

Intramural Sports

If you are simply interested in staying active and enjoying team sports, Adrian College offers a variety of intramural sports which are designed to include everyone on campus. Students, faculty and staff are encouraged to participate.

- Co-ed volleyball
- Co-ed softball
- Co-ed soccer
- Co-ed 5-on-5 basketball
- Co-ed flag football
- Men's flag football

Activities may be added or deleted according to interest.

Athletic Facilities

Adrian College has some of the finest athletic facilities in NCAA Division III. A majority of the facilities have been either newly constructed or renovated within the last six years. The crown jewel is Docking Stadium which houses the football, lacrosse and soccer teams. The stadium has 2,000 chair-back seats on the home sideline and the finest Pro Grass playing surface.

The baseball team plays at Nicolay Field on the northwest corner of campus. Nicolay Field was built in 2008 and has 400 chair-back seats above the dugouts on either baseline for optimal viewing. The softball field was also renovated in 2008 to add a new press box, dugouts and permanent chair-back seating for 150.

The outdoor track complex hosted their first meet in 2009 to rave reviews from around Division III circles. The Craft Tennis Complex features 12 outdoor courts right along US-223 and Docking Stadium.

Arrington Ice Arena was completed in 2007 and houses all ice sports at Adrian College. The arena has 450 chair-back seats and has seen crowds over 1,000 with standing-room along the glass. The arena has offices for coaches, an athletic training room and several locker rooms.

The basketball and volleyball teams play their home games at the Merillat Sport and Fitness Center Gymnasium. It was built in 1990 and also provides an auxiliary gym for indoor activities. The Merillat Sport and Fitness Center also has administrative and coaches' offices as well as athletic training facilities, a weight room and wellness center for all students, faculty and staff.

Policy on College Athletics

Adrian College's first concern is for the strength and integrity of the academic program. Beyond that, Adrian College believes that there is a place for many extracurricular activities, including sound athletic programs. All facets of the college's co-curriculum, however, must be kept in proper balance and evaluated in terms of educational objectives. In athletics this means, among other considerations, wide participation by all students, both men and women, in many different sports and activities, both intercollegiate and intramural, and an appropriate emphasis on and provision for recreational sports and less formally organized play.

Athletic Activities

Our formula for competition will consist of including on our teams only student-athletes who combine an interest in academic scholarship with a keen desire and a proven ability for intercollegiate athletic competition with similar students at comparable institutions. Adrian College shall provide students with excellent coaches and adequate facilities on the basis of equality and without discrimination of any kind, including discrimination by individual sports, race, or gender.

Eligibility in intercollegiate athletic competition is governed by the rules and regulations established by the NCAA and Adrian College. Student-athletes must be registered for 12 credit hours each semester to participate. If a student-athlete withdraws from a course or takes any action that results in being enrolled in fewer than 12 credit hours, the student athlete will be immediately ineligible.

The academic requirements described below are set forth by Adrian College for academic eligibility, and for satisfactory progress.

Satisfactory Academic Progress – Please see page 48.

Adrian College Athletic Insurance Policy Coverage

Adrian College provides secondary athletic accident coverage for all student-athletes participating in NCAA intercollegiate athletics. An accident is defined as an unexpected, sudden, and definable event, which is the direct cause of bodily injury independent of any illness, prior injury, or congenital disposition. Coverage is NOT provided for medical expenses resulting from illness, disease, or conditions unrelated to accidental bodily injury. Pre-existing conditions, out-of-season injuries, injuries that occur in-season that are not directly related to competition or supervised practice (intramurals, conditioning class, etc.) or routine medical care (illness, dental or eye care, etc.) are not covered.

For other policy exclusions, please contact the athletic training room at 517-264-3969.

Procedures

If a student-athlete is accidentally injured during competition or supervised practice and generates medical expenses associated with the accident, all claims must first be filed with the student's or parents' personal (primary) insurance company.

If a balance remains after the personal insurance company has paid its maximum, that balance can be submitted to the school's insurance company.

If the expense is covered, the school's insurance company will pay the balance of the eligible medical expenses up to the maximum of the policy.

If the primary family coverage is through an HMO or PPO, the proper procedures required by that plan must be followed in order for the school's insurance to satisfactorily complete its portion of the claim. This is especially important if the plan requires pre-authorization to have the student-athlete treated out of the plan's network or service area.

Submitting Claims to Adrian College

To pay the balance of the bill, the student-athlete must submit the bill to the Athletic Trainer along with a copy of the EOB (explanation of benefits) from their insurance company showing that the personal insurance has already paid its maximum.

Please submit bills to:
Athletic Trainer
110 S. Madison St.
Adrian, MI 49221.

For any questions, please call 517-264-3969.

Academic Affairs

The Division of Academic Affairs houses the offices of the Vice President and Dean of Academic Affairs, Dean of Graduate Studies and Institutional Effectiveness, the Assistant Dean of Academic Affairs, the Jane McCloskey Office of Academic Services, the Institute for Career Planning, the Office of Institutional Research and Assessment, Information Services and Blackboard Support Specialist, Shipman Library, and the Office of the Registrar. Each office provides support to the academic mission and the Ribbons of Excellence, enforces academic policies, and reviews policies and procedures for the academic structure of the college.

Office of Academic Affairs

The Office of Academic Affairs, located in the Stanton Administration Building, is under the leadership of the Vice President and Dean of Academic Affairs. The Assistant Dean of Academic Affairs is also located in this office. The Office of Academic Affairs is the nexus of all academic activities, policies, and programs. Students may make an appointment by emailing academicaffairs@adrian.edu.

Office of Graduate Studies

The Office of Graduate Studies, under the leadership of the Dean of Graduate Studies and Institutional Effectiveness, is committed to the success of all graduate students and supporting students interested in graduate study. Students may stop by in the Stanton Administration Building or make an appointment by emailing graduatestudies@adrian.edu.

The Jane McCloskey Office of Academic Services

The Jane McCloskey Office of Academic Services, named after the beloved former Director Jane McCloskey (1997-2011) is located in 205 Jones Hall, is open Monday through Friday, 8:30am-5:00 pm. The mission is to provide students with the tools needed for a successful academic experience. The services offered include:

Tutoring

Adrian College provides trained tutors for most courses at no cost to the student. Students should schedule tutors as early in the semester as possible, though requests for tutoring are accepted throughout the semester. Tutors can be arranged for an individual or for small groups by contacting

the **Academic Support Specialist/Tutor Coordinator, Jones 205H, extension 4094.**

Learning and Study Skills Consultation

The specialists at Academic Services provide many tips for effective study skills including time management, reading comprehension, and test taking strategies. For additional information, contact the **Director of Academic Services, Jones 205A, extension 4090.**

Services for Students with Disabilities

Services for Students with Disabilities: Support for students with disabilities is coordinated with the Accessibility Services Specialist. Services include test proctoring, adaptive software, readers, mobility assistance, and others. Transportation for students with mobility issues can be coordinated with Campus Safety. Students who would like to receive these services should provide the Accessibility Services Specialist with written documentation from an appropriate, certified medical professional as soon as possible in order to ensure reasonable and appropriate adjustments are made early in the semester. For additional information, contact the **Accessibility Services Specialist, Jones 205G, extension 4093.**

Special Programs

Adrian College offers several special programs for students based upon selection by the college, government qualification, or application. Students who are selected, or who qualify for these programs enjoy various benefits that support academic success at Adrian College.

TRIO Excel

TRIO Excel: This federally-funded program provides academic support, cultural and educational events, social development activities, and opportunities to earn additional grant aid. Participants must meet governmental qualification and federal income guidelines. Applications are accepted throughout the year from all students.

For additional information about Academic Services, contact the Director of Academic Services, Jones 205A, extension 4090 or the Administrative Assistant, Jones 205B, extension 4233.

The Don Kleinsmith Writing Center

The Don Kleinsmith Writing Center, named after the Professor Emeritus, is located in the Caine Student Center. Services are offered by the English Studies and Journalism department to the campus community. Trained peer consultants from multiple disciplines work with students of

all levels and disciplines on any writing project at any point in the writing process. The Don Kleinsmith Writing Center is open for drop-in, online, or by appointment services Monday through Friday with many evenings and some weekend hours available. Hours are posted at the Writing Center, on the [Writing Center website](#) and provided to students through e-mail notification. To contact the Writing Center, email WritingCenter@Adrian.edu

The Bosio Math Lab

The mathematics department provides mathematics tutoring in the Bosio Math Lab, named after former Professor Cindy Bosio. Trained tutors and Mathematics faculty provide assistance to students free of charge. The Math Lab is located in Peelle 215 and is open both semesters, Monday through Friday, with some evening hours available. Hours are posted at the Math Lab and provided to students through email notification.

The Institute For Career Planning

The Institute for Career Planning, located in the Caine Student Center, offers a wide array of services designed to help students choose a rewarding career and make the transition from college to graduate school and/or the professional world. Students are invited to focus their career goals via online career assessments provided by Career Planning and take advantage of individualized career coaching with the Career Planning staff. All students have access to the Institute's recruitment and career management system called Handshake, a powerful tool that links students with job and internship opportunities.

The following is a list of services offered through the Institute for Career Planning:

- Handshake, online database for jobs, internships, mentors and more
- Resume and cover letter review
- Internship assistance
- Interview preparation
- Networking assistance
- Graduate and Professional school preparation
- Job search assistance
- On and off-campus career-related events
- Career related programs
- Job shadowing
- Social media assistance
- Presentations
- Suit-a-Bulldog (professional Dress Closet)

Internships

The Institute for Career Planning coordinates the Adrian College Internship Program. The goal of the internship program is to provide all students with the opportunities to test their career interests and develop job-related skills through college-approved work experiences. Faculty sponsors guide students as they link theoretical knowledge with the practical learning gained in part-time or full-time internships.

Any student in good standing (minimum 2.00 cumulative GPA) is eligible for participation in the internship program following completion of 12 credit hours at Adrian College, provided the student is acceptable to the employer, obtains the approval of his/her advisor and secures a faculty sponsor for the internship. Students earn from one to six semester hours of credit during a single semester of an internship; the number of credit hours available for internships is designated by the Internship Committee. (A limited number of "full-time" semester hour internships may be available or could be arranged by the student.) Students may complete internships as they wish, with a maximum of 15 hours of internship credit applying toward the baccalaureate degree, depending on approval by program of study. Generally, credit is awarded on the following basis: a minimum of 40 total hours on the job plus 5 academic contact hours assigned by faculty sponsor equals one hour of credit. The hours earned will be listed as elective credit on the student's transcript, unless approved for departmental credit by the department chairperson.

Adrian College offers two types of internships. Exploratory internships, designated as course number 199 on the student's transcript, are part-time experiences open to second-semester first-year students, sophomores, and upper-class students with a credit limit of three hours per semester. Exploratory internships are designed to acquaint students with work in a particular setting, to bring them in contact with professionals in the field and, in more instances, to give them the opportunity to assume limited responsibilities in the career area being explored. Professional internships, designated as course number 399 on the student's transcript, are experiences for juniors and seniors in which they may utilize and enhance entry-level career skills sophomores can also be considered. The credit limit, unless stated otherwise, is a max of six hours per semester for 399 internships.

Graduate students may complete a Practicum, designated as course number 569 on the student's transcript. These professional experiences allow graduate students the opportunity to enhance their career skills in a work setting.

Academic Affairs

The credit limit, unless stated otherwise, is six hours per semester for a 569 Practicum.

The cost for internship or practicum credit is the same as that for regular coursework in fall and spring semester. May and summer term tuition rates apply. Students may incur additional costs for travel, accommodations, meals and transportation. A student may receive salary or wages for internship services, depending on the employer's policy.

Career Planning maintains a list of approved internship sites, though any student, faculty or staff member at the College may propose such a site. All proposed sites must be approved by the Internship Committee prior to a student beginning the internship. Internship packets can be accessed online, however, students should contact the institute to discuss the program with a Career Planning staff member. The Institute for Career Planning also offers information regarding off-campus internship programs such as the Chicago Center and The Washington Center.

Role of Internship Committee

This committee establishes procedures governing the internship program, reviews proposed sites, monitors the quality of the program and hears requests for variances from normal policy.

Role of Career Planning

This office is the central coordinating facility for 199 and 399 internships and 569 practicums conducted through the College. In cooperation with the faculty Internship Committee, the Career Planning staff establishes, administers and publicizes procedures governing the program. Any questions regarding the internship program should be directed to this institute.

Role of the Faculty Sponsor

The faculty sponsor is responsible for designing an academic component for the internship experience. This academic component should be above and beyond the normal work responsibilities the student assumes at the site, and will be outlined in a syllabus and agreed upon by the faculty sponsor and the intern prior to the start of the internship. The faculty sponsor ensures compliance with established procedures, monitors student performance during the internship, maintains contact with the on-site

supervisor, assesses student progress and grades the experience.

Office of Institutional Research and Assessment

The Office of Institutional Research, located in the Stanton Administration Building, is responsible for collecting and analyzing data about Adrian College. The office oversees the creation and analysis of various surveys on campus for internal data gathering and assessment. In addition, the office supports assessment of student learning, accreditation, program review and institutional effectiveness.

Office of the Registrar

The Office of the Registrar, located in the Stanton Administration Building, supports students, faculty, and staff as students pursue their baccalaureate and graduate degrees. The office assists students in class registration and is the official source of academic policy information and academic records. For questions or additional information, contact the Registrar at registrar@adrian.edu.

Academic Policies and Programs

Adrian College is a liberal arts college with many career development resources. Adrian College's academic programs are designed to increase the student's understanding of the great areas of culture, to encourage exploration of individual interests and to provide depth of knowledge in one or more specific disciplines. The curriculum offers a foundation for professional and graduate training in many areas.

Sensitivity to the career needs of each student is also stressed. Departmental faculty members, together with the staff of the Institute of Career Planning, offer career counseling and other services to help students focus on their vocational goals.

Students are expected to graduate under the departmental and curricular requirements published in the Adrian College Catalog in effect the year they matriculate. However, the right is reserved to change requirements for graduation at any time as a means of keeping pace with the educational, scientific and technological developments affecting various curricula. Though such changes may be applied to students already enrolled, every effort will be made to give them the benefit of the new educational program without imposing undue hardship.

Adrian College maintains a high standard of academic honesty. Dishonesty in assignments, examinations or other academic work is considered an extremely serious offense.

Requirements for graduation and the most important academic regulations are contained in this section. More information about administrative procedures appears in the Student Handbook, which is issued to all students each Fall.

Degree Requirements

Degrees Offered

Adrian College is authorized by its Board of Trustees to grant the following degrees: Associate of Arts, Bachelor of Arts, Bachelor of Business Administration, Bachelor of Fine Arts, Bachelor of Music Education, Bachelor of Music, Bachelor of Science, Bachelor of Social Work. Students in one of the baccalaureate degree programs must submit an application for their degree their final year (October 1st deadline for Fall graduates and February 1st deadline for Spring graduates) to the Office of the Registrar and must indicate the specific degree to be conferred. Students in the associate degree program must submit an application for their degree at the start of their third semester.

Commencement Participation

It is the intention of the College that all students participating in a commencement exercise will have completed or will be enrolled in all remaining requirements for their respective degrees prior to commencement.

However, a student may participate in a commencement exercise before completing all requirements under the following conditions:

1. Students must petition the Academic Status Review Committee for permission to walk by the end of the semester prior to the desired commencement exercise.
2. The petition must include a specific plan to address the remaining requirements in the following term. (Fall term for Spring commencement exercise participants, Spring term for Winter commencement exercise participants.)
3. The commencement program will designate that the student's graduation requirements have not been completed, but will be completed during the next term.
4. Students who participate early will be recognized for previously completed honors in the semester they apply for graduation in the commencement program.
5. Students must pay their bill in full in order to participate in commencement.
6. Students will not be permitted to participate in more than one undergraduate commencement exercise.

Requirements for Graduation

Summary of Requirements for an Associate of Arts Degree:

- I. A total of 62 credit hours;
- II. Distribution requirements of 16 credit hours and basic educational proficiency requirements of 8 credit hours;
- III. One concentration area that must include at least two courses taken at Adrian College;
- IV. A cumulative grade point average of C (2.00) and at least a C average in the concentration area;
- V. Residence requirement of the last 18 credit hours (non-internship courses).

I. Total of 62 Credit Hours

Course work must be successfully completed at the 100-level or above to be counted towards the 62 credit hours needed.

II. Distribution Requirements

The following distribution requirements are designed to emphasize liberal education through a broad understanding of the liberal arts. To accomplish this goal, students are expected to complete five courses in separate academic departments. These courses are distributed across three different areas of study.

Distribution Requirements

1. Arts OR Humanities (3 credit hours)
2. Philosophy or Religion (3 credit hours)
3. Social Science (3 credit hours)
4. Natural Sciences and Lab (4 credit hours)
5. Cross Cultural (3 credit hours)

Foundational Skills Proficiencies

1. CCC100 – Introduction to College Writing (3 credit hours)
2. CCC101- College Writing and Inquiry (3 credit hours)
2. CCC102- Public Speaking (3 credit hours)
3. ESAT100-Principles of Fitness (2 credit hours)

III. Concentration Area

One concentration area in a department that must include at least two courses taken at Adrian College.

IV. Grade Requirements

A cumulative grade point average of C (2.00) and at least a C (2.00) average in the concentration area.

V. Residence Requirement

Graduation from Adrian College with an Associate of Arts degree requires completion of the last 18 credit hours at the College or in programs approved by Adrian College. Students must petition the Academic Status Review Committee for exceptions to this policy.

Summary of Requirements for a Baccalaureate Degree:

- I.** A total of 124 semester hours, 30 of which must be numbered 300 or 400-level;
- II.** Six - 3 or 4 credit courses meeting the distribution requirements;
- III.** Foundational skills requirements of 20 semester hours;
- IV.** A writing intensive course;
- V.** A graduation major;
- VI.** A cumulative grade point average of C (2.00) and at least a C average in the graduation major, not counting cognate courses; a C average is also required in any minors which a student may elect;
- VII.** The last 31 semester hours must be earned at Adrian College or in programs approved by the College.

I. 124 semester hours total, thirty credit hours of 300-400 level courses

Course work must be successfully completed at the 100-level or above to be counted towards the 124 credit hours needed.

To ensure exposure to advanced courses, students are required to take at least thirty hours of credit at the 300-400 level. No more than eight (8) credit hours of any combination of the following courses can be applied towards the 124 total credit hours required; any activity courses in music and theatre; and any applied music course for non-music majors and minors.

No more than fifteen (15) hours of internship coursework can be applied to the 124 semester hours total, unless otherwise approved by the relevant Department Chairperson.

Students enrolled in the professional phase of the combined BS/MS in Exercise Science/ Athletic Training may count 300-level courses or higher to fulfill this graduation requirement.

Students must successfully complete a minimum of 15 of the 30 credit hours at the 300-400 level at Adrian College and not through external institutions through a consortia agreement.

II. Distribution Requirements

The following distribution requirements are designed to emphasize a broad understanding of the liberal arts. To accomplish this goal, students are expected to complete six courses in separate academic departments. These courses are distributed across three different areas of study emphasizing the Adrian College Ribbons of Excellence. Distribution courses may also meet major, minor or certificate requirements. Students may not take any Foundational Skills requirements from an external institution through a consortia agreement.

A. Arts (3 credit hours)

The study of the arts offers students insight into the creative process through lecture, performance, and studio courses. The student should achieve an understanding of how criteria are used to judge art and how the artistic expression manifests a culture's social, political and religious foundations.

Student must select one three-credit course identified as "ARTS" in the online course schedule. (Students may also satisfy the ARTS distribution by passing the same music ensemble or the same applied music course for at least three semesters, or by completing three different one-hour dance classes.)

B. Humanities (3 credit hours)

Students in humanities classes study human culture and creative production through literature, rhetoric and history. Primary and critical texts are the basis for tracing the development of ideas.

Academic Policies and Programs

Students must select one three-credit course identified as “HUMANITIES” in the online course schedule.

C. Philosophy and Religion (3 credit hours)

Students in a philosophy or religion course follow an analytical approach to the philosophical and religious traditions of humanity in order to understand the historical importance and contemporary relevance of such traditions. Students develop their ability to think for themselves in a reflective and consistent manner about the ideas, values and issues which define the human condition.

Students must select one three-credit course identified as “RELIGION and PHILOSOPHY” in the online course schedule.

D. Social Sciences (3 credit hours)

The social sciences observe and analyze the interactions of people or groups of people and the variables and contexts that affect those interactions. Courses in this area will introduce students to the history, process, functions, and structures of relationships between individuals and their social, political, and economic institutions.

Students must select one three-credit course identified as “SOCIAL SCIENCE” in the online course schedule.

E. Natural Science (3-4 credit hours)

Students in science courses develop their understanding of the natural world. This can be accomplished through lecture, laboratory, and field experiences which emphasize information gathering, logical rigor, systematic study and application of scientific methodology. It is expected that students will, through the study in these courses, enhance their problem-solving skills, develop a healthy skepticism, learn how to ask better questions and develop skills in gathering and analyzing both descriptive and quantitative information.

Students must select one four-credit course identified as “NATURAL SCIENCE” in the online course schedule. This course must include a laboratory experience.

F. Cross Cultural (3 credit hours)

Students in these courses gain insight into the differences in being and knowing in both local and global contexts, cultures, and communities. Through exposure to the varied experiences and perspectives of individuals and groups different from their own, students should achieve a more critical appreciation of the interdependence of humanity and its different cultures and identities.

Developing a broader global awareness, as well as recognizing systemic inequities and discrimination through the study of race/ethnicity, social class, gender/sexual orientation, nationality, religion, and physical/mental ability, these courses encourage mutual respect for, and building bridges across, difference. The knowledge and skills developed in these courses inspire caring for humanity and the world.

Students must take one three-credit course identified by the Cross-cultural designator (Diversity). A Study Abroad experience may substitute for the three-credit course.

III. Practicing Foundational Skills

Adrian College graduates are expected to be able to demonstrate effective writing, speaking, physical, and computational skills upon graduation. Because these skills are so important to sound competence in these areas, students complete the required courses very early in their academic careers. These courses emphasize the Adrian College Ribbon of Excellence “Learning Throughout a Lifetime.”

Students may not take any Foundational Skills requirements from an external institution through a consortia agreement.

The curriculum requirements below will take effect for all new students beginning with the 2023-2024 College Catalog as well as any current student that switches to a 2023-2024 or later College Catalog. Current students (as of the date of approval of this policy) will continue to be required to complete those skills and distribution courses as required and printed in their respective College Catalog.

A. CCC100 - Introduction to College Writing (3 Credit Hours)

Introduces students to writing strategies appropriate for a variety of academic, professional, and personal contexts

B. CCC101- College Writing and Inquiry Skills (3 credit hours)

CCC101 provides foundational knowledge and practice in communication proficiency and information literacy. The primary focus of the course is the writing and research process.

C. CCC102- Public Speaking (3 credit hours)

CCC102 builds on communication proficiency and information literacy skills developed in CCC101. The primary focus of the course is public speaking and the research process.

Academic Policies and Programs

D. MLCX- Language Skills (8 credit hours)

Adrian College requires that students learn a second language at the novice level, so that they have basic language learning skills and are confident of their ability to communicate with a native speaker in another language. Students must fulfill this requirement by taking two semesters of the same language if they start with a beginning level I course. A student who places into a level II course will satisfy the requirement by completing the course. A student who places into the third semester of a language has satisfied the foreign language skills requirement but does not receive academic credit. This means that the student will be waived from the language requirement. Students placing into a 300-level foreign language course on the campus administered placement examination will be awarded 4 hours of credit for the Level IV course (MLCF 202, MLCJ 202 or MLCS 202) at the completion of the 300-level course with a grade of C or better. This rule does not apply to students who have already received equivalency credit due to a 4 or 5 score on the Advanced Placement (AP) exam.

E. ESAT100- Fitness/Wellness Skills (2 credit hours)

Physical health and wellness have historically been part of the ideal of a liberally educated person. Students will be introduced to the principles of fitness and wellness and will be encouraged to establish habits and skills that will enhance their quality of life.

F. Mathematical Skills (4 credit hours)

(MATH 100 or 101)

Mathematical understanding is essential to success in virtually every area: the understanding of symmetry and proportion in art, harmonics in music, statistics in the social sciences and humanities, patterns in the sciences. Therefore, all students are expected to demonstrate basic college-level competency. For some students, this is competency in algebra and problem solving (satisfied by MATH 101), especially important for students who plan to pursue careers in business, the sciences, and social sciences. For others, this may be demonstrated by proficiency in mathematics applications including statistics, pattern recognition, problem solving, and quantitative reasoning (satisfied by MATH 100).

Programs with external accreditation mandates may be exempt from a single course (3-4 credit) of foundational skills or distribution requirements. Program specific course exemptions will be identified by the accredited program in consultation with, and approved by the office of Academic Affairs.

IV. Writing Intensive Course

In addition to CCC101 or equivalent, students must complete a 200 or 300 – level writing intensive course (3 credit hours) which may also count towards major or

distributional requirements. The purpose of the writing intensive course is to build on and reinforce academic writing strategies and skills developed in the first year, and to provide students with further introduction to and practice with the genres, conventions, and expectations of writing in the disciplines. It is generally expected that students will fulfill this requirement during their sophomore year; they are strongly encouraged to complete it no later than their junior year. Only those sections of courses (rather than the courses themselves) that are designated as writing intensive will be listed as such in the class schedule each semester.

V. Graduation Major and Professional Certification Areas

A student must select at least one major area of study. A formal major declaration, which includes approval from the department chair (or chairs if two or more majors are declared) must be submitted to the Registrar’s Office by the second semester of the sophomore year.

A. Teacher Education Professional Certification Areas:

Elementary, Secondary, K-12 Education.

B. Individually Designed Major

The Individually Designed Major must be designated during the first semester of the sophomore year for the associate’s degree candidate and not later than the second semester of the sophomore year for the baccalaureate degree candidate. In some instances, an earlier decision may be necessary in order to meet all requirements within the normal length of the degree program. All Individually Designed Majors must be reviewed and approved by the Academic Status and Review Committee.

Students may not receive multiple majors and minors within the same program, with the following exceptions:

Department	Major	Minor
Art and Design	--	Art History
Art and Design	Interior Design	
Accountancy, Business, and Economics	No multiple majors permitted	Economics
English Studies and Journalism		Journalism
Geology	Environmental Studies / Environ-	

Academic Policies and Programs

	mental Science	
Modern Languages & Cultures	Multiple allowed	Multiple allowed
Performing Arts	Theatre	Dance, Music, Commercial Music
Performing Arts	Music	Theatre, Dance, Commercial Music
Political Science	International Studies	International Studies
Sociology and Criminal Justice		Women's and Gender Studies

C. Counting Courses for Multiple Requirements (“Double-Counting”):

Courses within a major or minor may be used to satisfy requirements in other majors or minors (i.e., be “double-counted”) only if the identical course is a core or required cognate course to the major or minor (e.g., Mathematics and Chemistry cognates for a Biology and Environmental Science double major; Mathematics and Chemistry courses for a Geology major and Biology minor). **Elective and cognate elective courses may not be “double-counted.”** Students may take one distribution course and count it for two distribution requirements (e.g., Non-Western course and Religion/Philosophy course).

VII. Grade Point Average (GPA)

To be eligible for graduation, a student must receive a cumulative grade point average of C or 2.00, based on all coursework completed at Adrian College or programs of study approved by the College. Coursework taken as a dual enrollment student at Adrian College is calculated into this grade point average.

To compute a student's grade point average for a single semester, the academic quality points earned are divided by the number of semester hours attempted as if no repeats were taken. To compute the cumulative grade point average, the total academic quality points earned are divided by the total number of semester hours attempted.

In computing the grade point average, all semester hours attempted will be included for which a student has received the grades A, A-, B+, B, B-, C+, C, C-, D+, D, D-, and F. No attempted hours will be counted for grades of NC, NG, W or I unless the I is not made up within the time limit.

A student may improve the grade point average by repeating an Adrian College course in which the final grade was less than C and improving the grade.

A student receives 4.0 academic points per hour of course credit for a course in which a grade of A is earned, 3.7 points per credit hour for a grade of A-, 3.3 points for a B+, 3 points for a B, 2.7 points for a B-, 2.3 points for a C+, 2 points for a C, 1.7 points for a C-, 1.3 points for a D+, 1 point for a D, 0.7 for a D- and no points for grades of F, FA, I, NC, NG or W, XF.

VIII. Residence Requirement

To qualify for approved off-campus programs, the student must have earned a minimum of 36 hours in residence.

Academic Policies

Academic Integrity Policy

Consistent with Adrian College's mission statement and based on principles of integrity and honesty, Adrian College seeks to develop students who are scholars capable of working independently. This includes the ability to analyze, organize, express, and synthesize information in an original fashion. Any student who engages in behaviors that violate academic integrity and honesty can face disciplinary proceedings that may involve dismissal from Adrian College.

Students suspected of academic dishonesty may be subject to academic and/or administrative disciplinary procedures. In the first disciplinary procedure level, faculty members notify students of suspected dishonesty, meet with the students to discuss the infraction, and impose appropriate academic penalties if an academic integrity violation is determined (e.g., reduced or failing grade for project and/or class). The faculty member also has the authority to report the incident to the Office of Student Life for inclusion in the student's file. In the second procedural level, the Office of Student Life may apply administrative action in addition to or in the absence of academic disciplinary procedures. Contact the Dean of Students at x 3142 for more information.

EXPECTATIONS FOR ACADEMIC HONESTY

- No student shall intentionally or inadvertently present others' ideas as his/her own
- No student shall give or receive assistance on course assignments beyond the guidelines established by the professor.
- No student shall violate the academic and intellectual standards as established by the professor, professional association of the discipline, or other sanctioning bodies such as the state or federal government. It is a joint responsibility of faculty and students to create

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- awareness and understanding of professional standards. Faculty have the duty to inform
- students of relevant professional standards, and
- students have the superseding duty to learn professional standards even in the absence of explicit instruction from the faculty.
- No student shall falsify or fabricate data, distort data through omission, or in any other way misrepresent data.
- No student shall engage in obstruction, defined as conduct that damages or destroys another person's work or hinders another in her/his academic endeavors.
- No student shall forge any person's signature.
- No student shall misrepresent his/her personal accomplishments nor misrepresent information about her/his Adrian College career.

GENERAL DEFINITION OF ACADEMIC DISHONESTY

Academic dishonesty includes attempts to present as one's own work, that which is not; help others in efforts to present as their own work, that which is not; or prevent others from receiving appropriate academic credit.

TYPES OF ACADEMIC DISHONESTY

This list is not exhaustive and may be modified to reflect specific course requirements by a professor. Note: Seeking assistance from appropriate sources such as professors, a tutor, or an assistant in the College Writing Center or Math Department is NOT academically dishonest. Academic dishonesty includes:

1. **Obstruction:** Any behaviors that would affect another's work or materials necessary to complete such work. For example, withholding reference materials; destroying or tampering with computer files, laboratory or studio work, library resources, or research projects. Obstruction also includes any action that interferes with the teaching efforts of faculty members by disrupting the classroom, interfering with their interactions with other students, or in any way impeding or disrupting faculty member's research projects.
2. **Misconduct in Research and Creative Efforts:** Submission of work that the student knows to be inaccurate, including the fabrication, falsification, improper revision, selective reporting, or inappropriate concealing of data. Misconduct also includes a violation of human subjects standards including the failure to obtain IRB or equivalent approval before conducting research with human subjects; and/or the release of information or data given in the expectation of confidentiality to the researcher, creative artists, etc.; and/or failure to adhere to any applicable federal, state, municipal, disciplinary or collegiate

regulations, standards or rules for the protection of human or animal subjects, or the protocols of the study population.

Fabrication also includes using technology (such as language based-Artificial Intelligence (AI) models to generate and evaluate research data. Adrian College believes the research and creative process are primarily a human social pursuit. Students should submit assignments that illustrate their own cognitive, creative, interpretive, and decision-making processes per syllabus policy and instructor guidelines.

○ For the purpose of this policy, the Oxford English Dictionary (2023) definition of artificial intelligence (AI) will serve as the standard definition. Artificial intelligence refers to any "computer systems able to perform tasks that normally require human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages."

3. **Cheating on Quizzes, Tests, or Examinations:** Using or attempting to use any materials, including but not limited to notes, study aids, books or electronic devices not authorized by the instructor; copying off another student's work; allowing another student to copy off your own work; taking an exam (which includes tests and quizzes) for another student or allowing another person to take an exam in your place; providing or receiving any kind of unauthorized assistance in an examination, such as providing or receiving substantive information about test questions or materials, topics, or subjects covered by the test.

4. **Use of Prohibited Materials:** Using prohibited materials or equipment for performances, rehearsals, or classics assignments. For example, using a hidden "cheat sheet" with text for a vocal repertoire, vocal jury, or junior/senior recital or using AI tools when it is against course policy.

5. **False Submission:** Submission as one's own, work that has been produced by another. For example, using another person's speech or presentation materials (e.g., a PowerPoint presentation created by another student or obtained from the Internet) or submission of work written or produced by another entity or person (e.g., a paper acquired online, from other published sources, student organization files, or unattributed results generated by AI programs).

6. **Aiding and Abetting False Submissions:** Providing papers or other academic work to fellow students. For example, providing a paper from student organization files,

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writing or researching a paper for another student, or completing an assignment for another student. In general, unauthorized collaboration on the production of any academic work without prior approval of the instructor is prohibited. When in doubt, students should consult with the course instructor.

7. **Multiple Submissions:** Submission of the same work, in whole or substantial part, to more than one course without the explicit prior approval of all instructors currently involved. If work has been submitted in a prior course, either at Adrian or another institution, the student(s) must receive approval from the instructor(s) of the current course. If work is to be submitted to multiple courses in the same term, the student(s) must receive approval from the instructor of each course.

- a. The policy applies to resubmission of assignments for a course that is retaken for any reason.

8. The multiple submissions rule is not intended to prevent students from building on or further developing work begun in prior courses. Examples include the further development of an art object begun in a course such as Two-Dimensional Design in a later studio art class, the expansion of a project begun in a research methods course for a capstone project, the ongoing development of a laboratory experiment, etc. In each of these cases, however, the instructor of the later course has the authority to determine to what degree the original work may be incorporated into the later work.

9. **Corrupted Files:** Submitting an unreadable file known to be corrupted or intentionally corrupted. Claiming false grounds for requesting an extended deadline. For example, using an online site or application to corrupt the file in order to create delay and avoid deadlines (note that intentional data corruption is typically detectable).

10. **Fabrication:** The use of invented, counterfeited or forged information, sources, or data in any assignment, test, paper, project, lab report, etc. Includes information generated by a computer algorithm such as a language-based AI model, alteration or misleading omission of relevant data and dishonest reporting of research results, but does not apply to legitimate disagreement over the interpretation of findings, data, concepts, theories, etc.

11. **Plagiarism:**

- a. **Plagiarize** – Webster’s New Collegiate Dictionary defines plagiarism as: “to steal and pass off the ideas or words of another as one’s own; to use a creative production without crediting the source; to commit literary theft; to present as new and original an idea or product derived from an existing source.”

- b. The act of submitting a paper, project, test, or other assignment signifies that the student affirms that the work is his/her own. The absence of any discernible attempt to give credit to your source will be taken as prima facie evidence of intent to plagiarize. In other words, if you have made no attempt to give credit to someone else, you have created a presumption of intentional plagiarism. Inadvertent plagiarism is sloppy scholarship and unacceptable, even if committed out of ignorance.

c. Types of Plagiarism:

- Direct plagiarism is taking the exact words of an author without giving due credit. There should be a visual indication of using an author’s exact words, such as quotation marks or block indentation, and there should be a proper citation of the author’s work.

Original Source: “To the extent that behavior problems occur in the classroom, teachers should question the students and conduct systematic observations of them” (Good & Brophy, 1991, p. 257).

Acceptable Use: Population cannot grow forever because the world is finite and cannot support an infinite number of people (Hardin 1968). [Note that although the student has paraphrased – put the idea into her/his own words, she/he has still properly cited the original author, giving him/her credit for the idea.]

Unacceptable Use: To the extent that behavior problems occur in the classroom, teachers should question the students and conduct systematic observations of them. [Note that the student is using your/the original author’s idea, but is failing to give him/her credit for it.]

- Indirect plagiarism occurs “when paraphrasing someone’s words or ideas without changing the sentence structure or only occasionally changing a word or phrase” (Storey, 1999). Plagiarism does not only include the verbatim replication of text or speech. It also includes the plagiarism of ideas, such as can occur with unattributed paraphrasing.

- Reproduced images and sounds, including photographs, drawings, charts, tables, graphs, or any other graphical items or audio segments must be identified by proper citation of the source.

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Use of AI programs created by others, such as language translation services, evolutionary algorithms, etc., must follow policies laid out by the instructor in the syllabus.

When allowed by the instructor, use of AI tools must be included in academic citations appropriate to the project.

- Any text or item copied and pasted from the Internet must include proper citation

Accommodations Policy

Under the Rehabilitation Act of 1973, Section 504, and the Americans with Disabilities Act (ADA) qualified students with disabilities are protected from discrimination and entitled to full participation in post-secondary education. Students with disabilities have both rights and responsibilities under the law. AC professors must comply with the ADA. Students and faculty with questions or concerns regarding accommodations should contact Academic Services.

Students with documented disabilities at Adrian College have the right to:

- full and equal participation in the services and activities of the College;
- reasonable support services;
- privacy and limited access regarding confidential information.

Students with disabilities at Adrian College have the responsibility to:

- provide appropriate documentation to verify disability;
- follow published procedures outlined in the accommodation letter for obtaining reasonable academic accommodations;
- meet qualifications and maintain essential standards for course and programs, services, jobs, and activities;
- initiate and maintain communication with their professors and the Accessibility Services Specialist about accommodations.

Professors must utilize the accommodation letter sent by Academic Services to provide reasonable accommodations. In consultation with Academic Services, Adrian College professors have the right to determine what is a reasonable accommodation for their specific course. Requests that create an undue financial or administrative burden to the institution may be deemed unreasonable and denied.

Registering for Classes

Prior to each semester currently enrolled students meet with their advisor to prepare their class schedules. During Welcome Week or the advising period defined by the Academic Calendar, students pre-register online through the Net Classroom Portal and then meet with their advisor to complete the registration process. A late registration fee will be assessed to those students not registered by the end of the normal registration period.

Academic Advising

During the first year, academic advisors are assigned to all incoming students to monitor academic progress and help each student begin fulfilling distribution requirements. The advisor approves the student's schedule of classes each semester and assists in planning the degree program. It is the student's responsibility to understand and fulfill all graduation requirements.

In the second half of each semester, there is a two-week advising period defined by the Academic Calendar. Advisors will arrange their schedules to accommodate the heavy demand of advising during this time. Because students register for courses with their advisor, it is essential to make appointments during the time designated. Students are provided an advising information during Welcome Week.

To Change Advisors

Students should not hesitate to change advisors if their interests change or if they become acquainted with a professor with whom they would like to work with. Students who wish to change advisors must:

1. Ask the professor if he/she is willing to be an advisor.
2. Complete a Change of Advisor Form from the Registrar's Office.

Class Load (Fall and Spring Semesters)

Any student enrolled for 12 or more hours is considered a full-time student. Students may take up to 18 hours under normal tuition. Students who take more than 18 hours must pay an additional fee. Students who wish to take 20 hours must petition the Vice President and Dean of Academic Affairs for approval prior to registration.

Students receiving Adrian College scholarships/grants must carry at least 12 hours to maintain eligibility. Athletes must be registered for 12 hours during the season of their sport to maintain eligibility. To receive state and federal assistance, students must carry at least six (6) hours, though benefits are prorated for fewer than 12 hours.

Class Load (May and Summer Term)

Adrian College determines that students for the 4-week May term must be enrolled in 6 or more credits to be

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considered full time and a minimum of 3 credits in order to be considered half-time (part-time).

Adrian College determines that students for the 6-week summer term must be enrolled in 9 or more credits to be considered full time. They must be enrolled in a minimum of 6 credits in order to be considered half-time (part-time).

Students should check with the Financial Aid office to determine eligibility for financial assistance in the May and Summer terms.

Class Schedule Changes (Add, Drop, Withdraw)

The first six class days of each semester is the “Add/Drop” period. No courses may be added or dropped after that period. The “Withdrawal” (“W”) period extends until seven calendar days after mid-semester grades are distributed. Schedule changes for open classes can be processed by the Registrar’s Office. For closed and “permission required” courses, a signed schedule change form must be submitted to the Registrar’s Office for processing.

All students must register for classes no later than the second day of the semester.

Students may add or drop classes from their semester course schedule during the first six class days of the Fall or Spring semester. For May and Summer terms, students may add or drop classes from their course schedule on the first two class days of the term. Forms for this purpose are available online at the Registrar’s Office webpage. All required signatures must be included on the form for the change request to be processed.

A student desiring to withdraw from a course after the add/drop period must obtain signatures of both the instructor and the academic advisor. When the signed form is returned to the Registrar’s Office, a grade of “W” will be recorded on the permanent record. No withdrawal forms will be accepted by the Registrar’s Office after 5:00 pm on the seventh calendar day after publication of mid-semester grades. Withdrawal from May and Summer classes is determined by published dates on the Academic Calendar. Students with severe illness or exceptional circumstances may petition the VP of Academic Affairs for late withdrawal from a course during any term.

Academic Status Review Committee

The Academic Status Review Committee reviews student records at the conclusion of each semester. A student who is failing to make adequate progress toward graduation may be warned, placed on academic probation, advised to withdraw or be suspended from Adrian College. This

committee also reviews and acts on all academic petitions and Individually Designed Majors.

Academic Petition

Students may petition the Academic Status Review Committee for exceptions to rules concerning academic policies and circumstances. The committee will consider only those petitions that have first been reviewed by the academic advisor and that have been submitted far enough in advance that, if denied, the petitioner will have sufficient time for rescheduling or other appropriate action.

Senior petitions dealing with graduation requirements must be submitted prior to the last semester of attendance.

Academic Status Policy

The Registrar’s Office reviews the academic records of all students at the conclusion of each grading period. Students whose grade points fall below a 2.0 or whose number of hours earned indicate unsatisfactory progress are subject to special review by the Registrar and the Academic Status Review Committee.

Students may be placed on academic warning, probation or suspension. Students who are on warning or probation, do an immediate withdrawal and reapply to the college may be readmitted in the academic status of which they left. Students who are not in good academic standing and withdrawal from the College will not be automatically readmitted.

ACADEMIC WARNING is a notice to the student of substandard performance and carries no sanction.

ACADEMIC PROBATION is a formal notice indicating academic improvement must occur in the next semester at the level indicated or the student will be suspended from Adrian College.

SUSPENSION is a notice of immediate severance from the College. Students on suspension may not enroll during the subsequent semester, but may petition for readmission in the following semester. Appropriate notices which indicate such academic status will be issued by the Vice President and Dean for Academic Affairs.

Policy Concerning Co-Curricular Participation during Suspension

The suspension of a student for academic or disciplinary purposes requires that he/she assume an “out-of-residence” role during the entire period of the suspension. For purposes of participation, “out-of-residence” is interpreted to mean that during the suspension period a

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student cannot (1) actively participate in, (2) represent, supervise, be employed in or be otherwise directly involved, other than as a spectator, with any Adrian College program or activity. Suspension is viewed as a period of separation from the campus. Visitation to the campus should be at the invitation of an official of the College only.

Students with questions regarding their academic status should contact the Registrar's Office.

Enrollment Verification

Verification of enrollment or grade verification for financial aid purposes, Social Security benefits, loan deferments, good student insurance discounts or other reasons may be obtained from the Registrar's Office.

Class Attendance

Class attendance is an integral part of the educational experience. Individual instructors set the attendance requirements for their classes, as outlined in the course syllabus. The student is responsible for missed class work and for arranging with the instructor to make it up.

Classification of Students

To become a member in full standing of one of the three upper classes, a student must have earned, for: sophomore standing –24 semester hours; junior standing –54 semester hours; senior standing –90 semester hours.

Grades

The grading system is as follows: A, A-, B+, B, B-, C+, C, C-, D+, D, D-, F, FA, NC, NG, I, W, XF. (A plus or minus attached to a grade indicates achievement slightly above or below the grade level as described below.)

A - Indicates work of superior quality, showing originality, constructive thinking or special ability in handling the subject.

B - Indicates work distinctly above average in quality and thoroughness and marks a maximum fulfillment of the requirements of the course.

C - Indicates a faithful and creditable fulfillment of the requirements of the course to a minimum standard.

D - Indicates barely passing work.

F - Indicates failure.

FA – An “unofficial withdrawal” (Change of Registration form not filed and student stops attending class) is not recognized and will result in the assignment of a permanent grade of FA. An FA counts as a failure in the

GPA and all tuition and fees apply. If a student is unable to complete any of his/her classes and is physically unable to come to campus to file the Change of Registration, a letter or email to this effect should be sent by the student to the Registrar's Office prior to the withdrawal deadline.

Students should contact the Financial Aid Office for more information on how this impacts their aid.

NG - Indicates an allegation of academic dishonesty and only assigned as a final grade option. Students should contact the instructor of record for information.

I - Indicates incomplete work at the time the final grade is due. This grade is given only for absences from class or examination because of illness or other emergency during a considerable part of the semester or at the end of the semester and for laboratory experiments, internships or education field assignments scheduled for completion after the grading period. It is not given for work that is below passing or for failure to submit work on time through negligence. It is given only when the student intends to complete the course within the prescribed time limit. An “I” will be removed upon completion of the work specified by the instructor. All Incompletes must be resolved and reported to the Registrar's Office no later than the day on which final grades are due for the first regular semester following the assignment of the incomplete. Failure to remove the incomplete by the specified time will result in computing the grade of the work not completed as an F.

W - Indicates withdrawal from class. This grade does not count in computing the grade point average and will not be accepted by the Registrar after 5 p.m. on the seventh-class day after publication of mid-semester grades.

XF – Indicates an Administrative Withdrawal (not initiated by the student) may be initiated by the College to remove a student from a class (or classes) in which he/she is registered. This action may be taken when a student has failed to follow the procedures, regulations or requirements of the College or when the student has gained registration in a particular class or classes by misrepresentation. This can also occur when a student fails to attend classes and doesn't withdraw on his/her own.

The awarding and receipt of any financial aid may be negatively impacted by this non-attendance. If a recipient of Title IV funds withdraws or stops attending courses (including academic dismissal or expulsion) after beginning attendance for any reason, he/she may no longer

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be eligible for the full amount of Title IV funds. This may result in debt owed to the University by the student

Dealing with Problems-Student Complaint Process

1. When a “W” does not appear for a withdrawn course on a transcript, students should contact the Registrar’s Office.
2. When an added course does not appear on the student’s schedule, they should contact the Registrar’s Office.
3. When there is an error in the grade point average or credit hours, students should contact the Registrar’s Office.
4. When “NG” is awarded for suspicion of academic dishonesty students should contact the professor who awarded the mark.

Grade Change Policy

Any grade change, other than makeup of an “I” (Incomplete), must be made within 30 calendar days of the first day of classes in the next regular semester. A grade change must be reported in writing by the instructor. All grade changes are subject to review by the Academic Status Review Committee.

Grade Appeal Policy

Students have 30 days after final grades are posted to submit an appeal for a final grade to an instructor. Appeals submitted after 30 days may not be reviewed.

Students are required to follow the process below - instructors are not obligated to review a grade appeal unless this procedure has been followed:

- a. Email the instructor within 30 days after the final grade was posted to request a review of your final grade. In the email, provide the instructor with clear reasons why the grade should be changed and provide supporting documentation. If the instructor requests to meet with you to discuss your appeal and supporting documents, you must meet with the instructor.
- b. It is then up to the instructor to determine if a grade change is warranted.
 - i. If the instructor determines that a grade change is warranted, the instructor must report it in writing to the Registrar.
 - ii. If the instructor determines that a grade change is not warranted or if the student does not get a response from the instructor within 30 days after sending the appeal to the instructor, the student may bring their appeal to either the Dean of Undergraduate Studies (for undergraduate students)

or the Dean of Graduate Studies (for graduate students) if the grade is incorrect due to a miscalculation or if the instructor did not follow a policy stated in their syllabus or the academic catalog, resulting in an incorrect grade.

The assignment of grades is the sole responsibility and prerogative of the instructor and will not be changed by the Dean of Undergraduate Studies or the Dean of Graduate Studies (or any other faculty, staff, or administration) unless they determine that there is substantial evidence provided by the student demonstrating that a grade change is warranted. Therefore, students should expect to provide the Dean of Undergraduate Studies or Dean of Graduate Studies with the following:

- Evidence showing that the student reached out to the instructor no later than 30 days after final grades are posted (i.e., a copy of the email sent from the student to the instructor requesting a review of their final grade).
- Evidence showing that the grade was miscalculated or that the instructor did not follow a policy stated in their syllabus or the academic catalog, resulting in an incorrect grade.

Satisfactory Academic Progress

The Higher Education Act of 1976, as amended, requires Adrian College to develop and apply a consistent and reasonable standard of academic progress for all students. Students who fall behind in their coursework or fail to achieve minimum standards for grade point average and completion of classes, risk losing their eligibility for federal and state financial aid, external scholarships/grants/loans, Adrian College scholarships and grants, and athletic eligibility.

SAP is assessed both qualitatively (by cumulative grade point average) and quantitatively (by earned credit hours). Students must also complete their degree within a Maximum Time Frame of 150% of the published program length. A student is not permitted to receive federal student aid if the attempted credit hours exceed the Maximum Time Frame of 150%. Progress is measured at the end of each term to determine a student’s academic and financial aid eligibility for future enrollment periods. Students not meeting SAP standards will be notified by the Registrar’s Office and the Office of Financial Aid (both by mail using their self-reported permanent address and through their Adrian College email account).

In order to maintain satisfactory academic progress (to be in good standing academically) a student must do two things:

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1. Qualitative Measure – Maintain a 2.0 cumulative GPA (undergraduate students), or a 3.0 cumulative GPA (graduate students); and
2. Quantitative Measure – Successfully complete (i.e., pass) 2/3 of the credit hours attempted.

Maximum Timeframe (150% Rule)

Students are not permitted to receive federal student aid for a period no longer than 150 percent of the published length of the program.

Grade point averages are calculated by dividing total quality points by quality hours (i.e., credit hours attempted). Hours for courses for which grades of NG, NC, W, or I are excluded from the hours attempted to obtain quality hours.

Hours successfully completed include all credit hours attached to course grades of A, A-, B+, B, B-, C+, C, C-, D+, D and D-. Hours attempted include those successfully completed as well as those attached to courses in which grades of F, FA, I, W, XF, NG, and NC were assigned.

Satisfactory Academic Progress Warning

The first time a student does not meet SAP standards they will be placed on Academic and Financial Aid Warning for the next semester. This means they are one term away from being able to continue their education at Adrian College. Failure to meet SAP standards in the semester in which the student is on Warning will result in Academic Suspension.

Satisfactory Academic Progress Suspension

Students who do not meet academic satisfactory academic progress requirements at the end of the academic warning period will be placed on academic suspension and will not be eligible for continued enrollment without appealing.

Satisfactory Academic Progress Academic Plan & Appeal Procedure

Any student placed on academic suspension due to the policy may appeal to the Academic Status and Review Committee. Instructions on how to appeal and an appeal application will be included with the SAP notification letter sent by the Vice President and Dean of Academic Affairs from the Registrar's Office (registrar@adrian.edu). Students wishing to appeal will be required to write a formal letter addressed to the Academic Status and Review Committee and submit it, along with the appeal application, to the Registrar's Office explaining why he or she is not currently making Satisfactory Academic Progress. The letter should also include the student's plan to sufficiently improve their academic status.

After an application for appeal is received, the student will be notified in writing of the results of the Satisfactory Academic Progress Appeal. Reinstatement of enrollment for a subsequent period will be determined on an individual basis. The committee may not consider students for readmission if their application and/or letter is not submitted on or before the due date provided in the SAP notification letter.

Students who do not meet the terms of Satisfactory Academic Progress, and who either elect not to file an appeal, or who failed to meet the terms of their academic plan will be required to meet the Satisfactory Academic Progress standards before regaining eligibility for enrollment.

Students are limited to two (2) SAP Appeal submissions during their enrollment at Adrian College. Students are not eligible for their second appeal directly after the probationary term as they would not be making SAP for more than two consecutive semesters.

Satisfactory Academic Progress Probation

Students will be assigned this status if they fail to meet satisfactory academic progress at the end of SAP Warning period but successfully appeal. Students will be permitted to receive financial aid for one additional term with continued eligibility to be reviewed and determined at the term's end. Students on SAP academic probation are monitored for improvements and are required to adhere to their terms and conditions of probation.

Incompletes, Withdrawals, Failures and Repetitions

Classes graded with failure ("F"), "academic dishonesty", "incomplete", "no credit", or "withdraw" will be evaluated as courses attempted, although not successfully completed. Repeated courses will count toward academic progress.

Transfer Credit, Adrian College Credit Hours and Academic Program

When determining if a student is within the requirements of Adrian College's Satisfactory Academic Progress policy, the Office of Academic Affairs will consider credit hours that are accepted by the Registrar's Office as transfer credit or that were taken at Adrian College, and that are applicable to the student's academic program. The number of transfer credit hours accepted will be used to calculate a student's remaining eligibility according to the maximum timeframe standard (150% rule) and will be included in the quantitative calculation which includes number of credits attempted and completed. Transfer credit grades are not considered in a student's GPA. The GPA used

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for Satisfactory Academic Progress policy only considers
classes taken at Adrian College.

Grade Reports

Final grades are available online in the student database to students and advisors. Mid-semester grades are also available online. Students with a financial hold on their account will not be able to view posted grades.

Repeating Courses

Only courses in which a student has earned a grade of C-, D+, D, D-, F, FA, XF or NC may be repeated. When a course is repeated, both grades will appear on the permanent record, with the second grade indicated as a “repeat.” To figure grade point average, the higher grade is selected. If the second grade is higher, the point differential between the old and the new grade is added to the cumulative points. The hours earned for the repeat are not counted a second time. Courses must be repeated at Adrian College.

Academic Honors and Awards

Dean’s List

The Dean’s List consists of full-time students whose grade point average (GPA) within a semester (at least 12 semester hours) is 3.50 or higher, and of part-time students who have averaged 3.50 or better for the last 12 semester hours of credit. Those part-time students who have been members before are eligible again once they have completed 12 semester hours since their prior listing. Semester hours earned during May and summer terms are not used in determining the Dean’s List.

Graduation Honors

Each student who has attained a 3.50 GPA at graduation will be entitled to the honor of cum laude; each student who has attained a 3.65 GPA will be entitled to the honor of magna cum laude; and each student who has attained a 3.80 GPA or above will be entitled to the honor of summa cum laude. In each case, the diploma will indicate the honor. All semesters will be used to compute this average. Graduation honors will be determined based on all courses attempted at all institutions. Students must qualify for honors on both the combined grade point average and the Adrian College only grade point average. The lower of the two GPAs will determine the level of honors.

To qualify for graduation honors, a student must complete at least 60 semester hours at Adrian College or approved off-campus programs and must be a candidate for the baccalaureate degree.

Departmental Honors

Departmental majors who have a 3.50 grade point average at the end of their junior year may write and present a project – thesis, portfolio or performance – in their senior year to be considered for departmental honors. The honors project will be directed by one or more faculty members from the student’s major department or two or more faculty members from different departments if the project is interdisciplinary. A student whose project is accepted by the department or departments will graduate with “departmental honors.”

Honors Ceremony

The Honors Ceremony is held each spring to recognize students who have received special honors during their academic career. At this time, the list of students earning Dean’s List is published, and departmental and other awards are presented.

The Class of 1917 established the Scholarship Cup (4.0 GPA Award). Each academic year, based on grades from spring and fall semesters, the full-time students having the highest academic averages will be recognized, thereby joining the ranks of outstanding Adrian College scholars.

Student Records

In accordance with the Family Educational Rights and Privacy Act of 1974, as amended, Adrian College has established policies and procedures to protect the privacy of student records. This policy appears below. Included in this policy are the categories of information designated as “public information.” Students have the right to withhold directory information from the public. They may do this by notifying the Housing Office in writing as described in the policy.

The Family Educational Rights and Privacy Act Notification of Student Rights under FERPA

Adrian College and the Adrian College School of Graduate Studies uphold the Family Educational Rights and Privacy Act (FERPA) of 1974 and its amendments, which affords students confidentiality and certain rights with respect to their education records. Students are notified of their rights under FERPA during Orientation as well as in the annual Catalog. If confidential information from a student’s educational record is accidentally released, Adrian College and the Adrian College School of Graduate Studies follow the breach checklist to remedy the situation.

Questions regarding FERPA may be directed to the Registrar’s Office at registrar@adrian.edu or the Office of Academic Affairs at academicaffairs@adrian.edu. Students’ rights under FERPA begin when the student has matriculated to Adrian College or the Adrian College School of Graduate Studies. This will occur after the enrollment census is confirmed.

Under FERPA, students have the following rights: limit

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disclosure of personally identifiable information

(Known as “directory information”); inspect and review their educational record; request amendments to their educational records; and file a complaint with the Department of Education. All educational records are kept in perpetuity.

Disclosure Policy

Directory information contained within student records includes the following:

- Name
- Address (including permanent, local, and email addresses)
- Phone number
- Birth date and place of birth
- Name of parents/guardians
- Previous school(s) attended
- Dates of attendance
- Awards or honors received
- Degrees awarded
- Dates of degrees awarded
- Majors and minors
- Official Adrian College ID photo
- Classification (first year, second year, etc.)
- Enrollment status
- Athletics: statistics (including weight, height, etc.),
- other information included on team activity sheets
- Participation in officially recognized events, activities, and sports
- Leadership positions at Adrian College

Any of the above information may be released by the College, as it is deemed to not be an invasion of privacy for students. Adrian College will only release directory information to a third party as needed, including if it receives a Freedom of Information Act of Solomon Amendment (includes citizenship status) request.

Students may request their directory information be confidential and not released by submitting a completed, hand-written non-disclosure form to the Registrar’s Office. The form must be received by the 10th day of Fall semester classes and must be re-submitted annually.

All other information beyond directory information is considered confidential and has its confidentiality guaranteed. The following circumstances are the only approved exceptions to this:

- Adrian College faculty or staff who have a

legitimate need

- A court order or subpoena
- National Student Clearinghouse reporting
- Financial Aid purposes
- The protection/safety of students, faculty, and staff

In all other instances, student confidential information will not be disclosed without written consent.

COVID-19 Reporting

Disclosure of student information does not apply to COVID-19 reporting. No individual student will be identifiable through what is reported from the College, whether it is to the community or the health department, unless it helps an at-risk student or employee take appropriate precautions for their own health. This follows what was written on September 24, 2020 by the Student Privacy Policy Office.

Where to Find Records

Student records are housed in various offices across the Adrian College campus. These offices include:

- Academic Affairs
- Academic Services
- Alumni
- Faculty advisors
- Financial Aid
- Health & Counseling Center
- Housing
- Institute for Career Planning
- Office of Graduate Studies
- Registrar
- Student Life

Record Review Process

FERPA awards students the right to review their educational record. The Registrar’s Office and Office of Academic Affairs have been designated by the College to coordinate the review process. Students who wish to review their record must make a written request to both the Registrar and the Assistant Dean of Academic Affairs listing the item(s) of interest. Records covered by FERPA will be made available to the student within 45 days of receipt of the request. All documents will be reviewed in the presence of a designated College official. If the record to be reviewed is not housed within the Registrar’s Office or Office of Academic Affairs, the Registrar and Assistant Dean of Academic Affairs will advise the student of the correct

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official to whom the request should be addressed.

A student who believes that their educational record contains inaccurate or misleading information or is in violation of their privacy rights may discuss the problem informally with the Registrar and Assistant Dean of Academic Affairs. If the discussion resolves the challenge, the record in question will be amended within 45 days of the discussion. If the discussion does not resolve the challenge, the student will be notified within a reasonable period of time that the record will not be amended the student will then be informed of their right to a formal hearing.

The formal hearing request must be made in writing to the Vice President and Dean of Academic Affairs, who will then notify the student within a reasonable amount of time of the date, place, and time of the hearing. The student is welcome to present evidence relevant to the challenge and may be assisted by a person of the student's choice at the hearing. The hearing panel will be composed of the Vice President and Dean of Academic Affairs, the Dean of Graduate Studies & Institutional Effectiveness, and two faculty members of the Academic Status Review Committee's choosing. However, no member of the hearing panel may have a direct interest in the outcome of the hearing. If such an occasion arises, the Academic Status Review Committee will determine the proper administrative replacement.

Decisions of the panel are final and will be based solely on the evidence presented during the hearing. A written final statement will be sent to the student within 45 days of the hearing. If the decision is not in favor of the student, they may place statements commenting on why they believe the information is misleading in their record.

The final statement from the panel will also be filed in the educational record.

If the student still believes the College has violated their rights under FERPA, they have the right to submit a written complaint to the Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW., Washington, D.C. 20202-4605.

Restricted Information

As outlined in FERPA, students may not review the following: financial information submitted by parent(s) or guardian(s); letters and recommendations to which the student has waived the rights of review; or educational records containing information about more than one student. If a student requests to review their educational record and it contains information in any of the above categories, the College will permit access only to the part of the record

pertaining to that student.

The College is not required to permit students to review confidential letters and recommendations placed in their files prior to January 1, 1975.

FERPA for Faculty and Staff

Maintaining confidentiality of all student educational records is everyone's responsibility. Adrian College and the Adrian College School of Graduate Studies require all faculty and staff to know and comply with FERPA.

Faculty and staff who handle student records may not release any confidential information without expressed written consent from the student, including progress and grades in courses; graded materials; or class lists (to anyone outside the College). Any directory information released will be done in an ethical and professional manner to the inquirer who has established identity and reasonable need for the information.

If purging old physical documents, including any advising documents, with confidential information, faculty and staff members are required to shred it. If a shredder is not available, faculty and staff are welcome to bring it to the Registrar's Office for shredding. If purging old electronic documents, faculty and staff members are required to destroy the file.

FERPA for Families

At Adrian College, we strive to follow our Ribbons of Excellence: caring for humanity and the world; learning throughout a lifetime; thinking critically; crossing boundaries and disciplines; and developing creativity. We believe that in order for students to learn and live these ribbons, they must be guided into independence. We hope to nurture our students as they step into adulthood, fostering academic success, self-reliance, good judgement, and mature relationships. This means that once they turn 18, the right to see confidential information transfers from parents/guardians to students. FERPA awards them this right.

Expiration of Credits / Courses

Past students who have withdrawn from Adrian College and have been out for six or more years will need to change to the most recent catalog for their program and may need to retake prerequisite courses prior to moving forward in their studies. The decision regarding prerequisite courses will be made by the department chair prior to enrolling in courses.

Transcripts

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It is the policy and practice of Adrian College that approval to release official college transcripts of student academic records requires that student financial obligations be satisfied or current. Student accounts that are enrolled for multiple payment options must be current through the most recent requested installment due date. For example; if a student is enrolled in a multiple payment plan and the account is current with two remaining installment payments due in the future, official transcripts for that student may be released.

A fee of \$10.00 is charged per transcript. However, upon graduation, one free official transcript is sent to each student. Requests for additional transcripts must be in writing and all charges of violations of the Student Code of Conduct must be resolved and all judicial sanctions must be completed before a diploma is granted or a transcript is issued.

Transfer Credit

Transfer credit is awarded for courses that are substantially equivalent to Adrian College courses or that are considered by the College to be liberal arts courses and for which the student has earned grades of C (2.00) or better. Credits are accepted on a credit-for-credit basis: 3 quarter hours equal 2 semester hours. Grades for transfer courses do not count in the Adrian College cumulative grade point average. All grades received will be used to compute graduation honors. Grades received at another institution cannot be used to alter or remove Adrian College grade point deficiencies.

Transfer credit will not be accepted for Massive Open Online Courses (MOOCs). Students will be limited to no more than nine hours of online course credit from transferring institutions. Appeals to this limit will be directed to the Academic Status and Review Committee. Online transfer credit will not be accepted for lab courses in the natural sciences or modern languages, applied courses in music, theatre or studio courses in art.

Transfer credit is accepted at the level at which it was earned at the institution of origin unless it is an approved course through the Michigan Transfer Agreement and Michigan Transfer Pathway. If this is the case, the course will transfer in as the course and course level it is replacing at Adrian College. Transfer credits will only be issued for coursework taken from a regionally accredited institution.

Students must successfully complete a minimum of 15 of the required 30 hours of 300-400 level credit at Adrian College.

No more than 30 semester hours of credit and 2 semester hours of physical education activity courses will be accepted for the associate's degree.

No more than a combined total of 90 semester hours of credit are allowed for transfer from two-year and four-year colleges for the baccalaureate degree. This total can include

no more than 60 semester hours of credit from a two-year institution. No more than 2 semester hours of physical education activity courses will be accepted.

In order to complete a major at Adrian College, the lesser of 15 hours or 50 percent of the hours required by the department must be satisfactorily completed at Adrian College. In order to complete a minor at Adrian College, 50 percent of the hours required by the department need to be completed at Adrian College. Final determination of the maximum amount of transfer credit accepted toward a major will be made by the department chairperson. Acceptable credits beyond the maximum will be recorded as general transfer credit.

The right is reserved to refuse any or all previous credit earned by persons with less than a baccalaureate degree who have terminated their attendance at college for any reason and who have failed to return for additional credit within a period of six years from the date of termination.

Veteran Certification

The Office of Institutional Research, in conjunction with the Registrar's Office, the Office of Financial Aid, the Office of Admissions, and the Billing Office certifies veterans under the G.I. Bill® and its extensions. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <https://www.benefits.va.gov/gibill>. Changes in enrollment status or current address must be reported to the Registrar's Office.

Changes regarding dependents should be sent directly to the Veteran's Administration office.

A complete record of classes taken and grades received is maintained in the Registrar's Office. Degree audits are also available to assist with program planning and course scheduling. The Office of Institutional Research, in conjunction with the Registrar's Office, must notify the Veterans' administration if a veteran fails a course and report his or her class attendance record in that course. Failure to achieve normal progress toward graduation may result in loss of certification.

Withdrawal from College

Students who desire to withdraw from the College must follow the procedure outlined below.

If for any reason after you have registered for and attended classes, you are unable to continue in school, you must officially withdraw from the College and follow the procedure outlined below:

Step 1: Students should pick up a withdrawal checklist from the Registrar's Office and are prompted to complete the online exit interview.

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The online exit interview is sent via email to the students Adrian College account.

Step 2: Student obtains the required signatures from the offices on the checklist.

The checklist provides the students with offices that need to be notified of their intent to withdraw. This provides the student and the offices an opportunity to discuss the implications of withdrawing.

- Financial Aid- discuss financial implication of withdrawing at this time, obtain signature
- Housing- notify Director of Housing to coordinate move out date, obtain signature
- Student Business Services (Cashier's Office)- discuss how to pay remaining balance and implication if the balance remains outstanding, obtain signature
- Academic Services, conduct in person exit interview and obtain signature – Academic Services will provide a copy of the interview answers to the Registrar's Office for the student's permanent file

Step 3: The completed checklist needs to be returned to the Registrar's Office. Verification that the student has completed the online portion of the exit interview will be validated. If not completed, the link will be resent via email with the notification to the student that their withdrawal cannot be processed until this is completed.

Step 4: The following offices are notified of a student's official withdrawal date by the Registrar's Office:

- Student Business Services (Cashier's Office)
- Financial Aid
- Academic Services
- Housing
- Student Life
- Campus Safety
- Payroll
- Library
- Sodexo

After a student completes the checklist, an email is sent to the student's faculty for last date of academically related activity. The information is then recorded on the withdrawal spreadsheet that is shared with housing, student business office, financial aid, and academic services.

Students enrolled in five hours or less need to complete a schedule change form in the Registrar's Office. Students enrolled in six hours or more must follow steps 2-4 below. The last date to withdraw from the regular fall and spring

semesters is the Friday before final exam week begins. For more information, consult with the Registrar's Office.

No student will be presumed to have officially withdrawn from the College until each of these steps has been completed in the order specified. Upon approved withdrawal from the College, grades of "W" with the withdrawal date will be recorded for the semester's courses on the permanent record. Failure to follow the withdrawal procedure will result in recording grades of F on the permanent record.

Alternative Credit Options

Advanced Placement and Advanced Credit

Adrian College is a participant in the Advanced Placement Program of the College Entrance Examination Board. Combined Advanced Placement and International Baccalaureate credit may not exceed 90 credit hours when combined with transfer credit from either two-year and four-year colleges and universities.

A score of 4 or 5 on an Advanced Placement examination may qualify a student for advanced placement and advanced credit. Credit may also be granted for scores of 5 or higher on the high level subject exams of the International Baccalaureate Program. In certain areas, a student may have to discuss the course, approaches, and performance with the appropriate department chairperson.

For Modern Languages, students scoring in the 5 to 7 range will receive 4 to 8 credit hours at the Intermediate (200) level. Combined Advanced Placement and International Baccalaureate credit may not exceed 30 credit hours and credit will not be granted for scores from two programs which appear to be equivalent. Students placing into a 300-level modern language course on the campus administered placement examination will be awarded 4 hours of credit for the Level IV course (MLCF202, MLCJ202 or MLCS202) at the completion of the 300-level course with a grade of C or better. This rule does not apply to students who have already received equivalency credit due to a 4 or 5 score on the Advanced Placement (AP) exam.

The mathematics department awards 4 hours of credit for MATH135 to students who place into MATH205 and receive a grade of B- or higher in the course. In addition, students may be placed, without advanced credit, in higher level courses in biology, communication arts and sciences, and mathematics at the discretion of the department.

College Level Examination Program (CLEP)

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The College Level Examination Program offers students an opportunity to receive college credit. CLEP examinations have been developed for this purpose. Adrian College may award credit based on the results of these examinations and the approval of individual departments in which credit is to be awarded.

For Business, students who complete the exams in Microeconomics and Introduction to Business, and score a 60 will be awarded 3 credits for each course.

For Modern Languages, students with advanced proficiency in the offered target language, but that did not take AP or IB courses during their high school experience, may opt to take and pay for the CLEP examinations in order to waive their language requirement at Adrian College and receive an advanced placement. A Level 1 score of 50 or higher in all offered languages will allow you to waive the two required introduction courses (101 & 102) and place into the third language installment of the target language if offered (201). A Level 1 & 2 score of 59 on French Language, 60 on German Language, 63 on Spanish Language, and 65 on Spanish with Writing will allow you to waive the two required introduction courses (101 & 102) and place into the fourth language installment of the target language if offered (202). You must share your results with the Department of Modern Languages & Cultures for approval.

Foreign Language Achievement Testing Services (FLATS)

Modern Languages, students with advanced proficiency in a foreign language in higher education (<https://info.flats.byu.edu/list-of-languages/>), may also opt to take and pay for the FLATS examinations in order to waive their language requirement (101 & 102) at Adrian College. The FLATS examinations are a foreign language service offered by Brigham Young University to many national and international institutions. Upon completion of the target language examination, FLATS will determine your language placement at either the 100, 200, or 300 level. If you reach the 200 level placement, your requirement to take the offered Adrian College MLCX 101 and 102 sequence courses will be waived. Students are allowed to use the Proctor 360 distance services by FLATS. You must share your results with the Department of Modern Languages & Cultures for approval.

International Baccalaureate Program

For Modern Language, students credit hours are granted for the High Level (HL) subject examinations and the Standard Level (SL) subject examinations of the International Baccalaureate Program. For Modern Languages & Cultures, students scoring in the 5 to 7 range on HL examinations will receive 4 to 8 credit hours at the intermediate level (200) and students scoring in the 5 to 7 range on SL examinations will receive 4 to 8 credit hours at the introductory level (100), depending on their scores (please see the chart below). A and B course designations by the International Baccalaureate Program are treated the same. Combined Advanced Placement and International Baccalaureate credit may not exceed 90 credit hours when combined with transfer credit from either two-year and four-year colleges and universities. Credit will not be granted for scores from two programs which appear to be equivalent. In certain areas, a student may have to discuss the course, approaches, and performance with the appropriate department chairperson.

MLC Advanced Placement

At the discretion of the Department of Modern Language & Cultures and the instructor/professor, it is possible for some accelerated language students, who were unable to advance place through standardized examinations, to receive an advanced placement accommodation. Students who received permission to place into a 300-level modern language course with expressed permission from the target language professor will be awarded 4 hours of credit for the Level IV course (MLCF202, MLCJ202 or MLCS202) at the completion of the 300-level course with a grade of C or better. This rule does not apply to students who have already received equivalency credit due to a 4 or 5 score on the Advanced Placement (AP) exam.

The department also recognizes that there are heritage speakers, immersion students, and occasionally accelerated students who should be placed in a course beyond MLCX 101. In these particular circumstances, students are advised to contact and meet with the target language faculty member for the possibility of advanced placement.

Life Learning Experience Credit (LLE)

Life Learning Experience credit may be granted upon evaluation of accomplishments and experiences not ordinarily considered part of the traditional academic study. These activities may include, but are not limited to, professional experiences in business, industry or the community; supervision of volunteer activities; foreign language skills gained through travel; apprenticeship positions. All such experiences must be shown to relate to educational goals and will be evaluated in terms of their contribution to learning.

Briefly, the procedural steps to be followed in applying for LLE credit are:

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1. Complete the Application for Admission to the Life Learning Program in consultation with the Assistant Dean of Academic Affairs.
2. Review the application with the Assistant Dean of Academic Affairs and the appropriate department chairperson(s) to identify those experiences that are appropriate to present for credit.
3. Support the application for credit.
4. Present the portfolio and defend the credit request in an interview before the Life Learning Experience Assessment Committee.

To qualify for LLE credit, the applicant must be at least 21 years of age and a registered Adrian College student who has completed at least one semester or who is returning after an interruption of at least two years. Persons interested in the LLE program should contact the Assistant Dean of Academic Affairs for application materials and cost information.

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Advanced Placement (AP) Credit

Subject Examination	Score	AC Equivalent	Credit Hours
2-D Design	4 or 5	ART101	3
3-D Design	4 or 5	ART100	3
Art History	4 or 5	AHIS201 & AHIS202	6
Biology	4 or 5	BIOL131 & BIOL132	8
Calculus AB	4 or 5	MATH 135	4
Calculus BC	4 or 5	MATH135 & MATH205	8
Chemistry	4 or 5	CHEM101 To earn credit for CHEM 105/117, a placement test administered by the Department is required.	4
Comparative Gov't & Politics	4 or 5	PSCI101	3
Computer Science A	4 or 5	CS100	3
Drawing	4 or 5	ART103	3
English Language	4 or 5	CCC100 and CCC101	6
English Language & Composition	3	CCC100	3
	4 or 5	CCC100 & CCC101	6
English Literature & Composition	4 or 5	CCC100	3
Environmental Science	4 or 5	ESS110	3
European History	4	HIST123	3
	5	HIST123 & HIST124	6
French Language & Culture	4	MLCF101/L	4
	5	MLCF101/L & MLCF102/L	8
German Language & Culture	4	MLCG101/L	4
	5	MLCG101/L & MLCG102/L	8
Japanese Language & Culture	4	MLCJ101/L	4
	5	MLCJ101/L & MLCJ102/L	8
Human Geography	4 or 5	ESS104	3
Macroeconomics	4 or 5	ECON202	3
Microeconomics	4 or 5	ECON201	3
Music Theory	4	MUS101	3
	5	MUS101 & MUS102	6
Physics 1	4 or 5	PHYS101 & PHYS103	4
Physics 2	4 or 5	PHYS102 & PHYS104	4
Physics C: Elect/Magnetism	4 or 5	PHYS202 & PHYS204	4
Physics C: Mechanics	4 or 5	PHYS201 & PHYS203	4
Psychology	4 or 5	PSYC100	3
Spanish Language & Culture	4	MLCS 101/ L	4
	5	MLCS101/L & MLCS102/L	8
Statistics	4 or 5	MATH 204	3
United States Gov't & Politics	4 or 5	PSCI101	3
	4	HIST105	3

United States History	5	HIST105 & HIST106	6
World History: Modern	4 or 5	HIST124	3

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International Baccalaureate (IB) Credit

Dept.	Area	Score	AC Equivalent	CR hours	Dept. approval required
BIOL	Biology	HL 5, 6	BIOL131	4	
		HL 7	BIOL131 & BIOL132	8	
		SL 7	BIOL 101	4	
CHEM	Chemistry	SL 4	CHEM 101	4	
		SL 5, 6, 7	CHEM 101 & CHEM105/117	8	
		HL 4, 5	CHEM 101 & CHEM105/117	8	
		HL 6, 7	CHEM105/117 & CHEM106/118	8	
CIS	Computer Science	HL 5	CS101	3	
CIS	Information Technology in a Global Society	HL 5	CS100	3	
ECON	Microeconomics	HL 4	ECON201	3	
ECON	Macroeconomics	HL 4	ECON202	3	
ECON	International Economics	SL 4	ECON319	3	
ECON	Development Economics	SL 4	ECON223	3	
ENGL	Language & Literature	HL4	ENGL250	3	
GEOL	Geography	HL 5	ESS104	3	
HIST	History	HL 5	HIST124	3	
INTD CIS	Design Technology				x
MATH	Mathematics Analysis and Approaches	SL 5	MATH115	4	
		SL 6,7	MATH115 & MATH135	8	
		HL 5	MATH115 & MATH135	8	
		HL 6, 7	MATH115, MATH135, MATH204, & MATH205	15	
MATH	Mathematics Applications and Interpretation	HL 6-7	MATH 115, MATH135, & MATH204	11	
		HL 5	MATH115 & MATH204	7	
		SL 6 or 7	MATH115	4	
MLC	Language A1	HL 5	MLCX102/ Lab	12	
		HL 6-7	MLCX201/ Lab, 202/L	16	
		SL 5	MLCX102/ Lab	4	
		SL6-7	MLCX201/ Lab	8	

MLC	Classical Languages	HL 5	PHIL101	3	
MUS	Music	HL 4	PHYS 101, 103	4	
PHIL	Philosophy	HL 5	PHYS 101/103 & PHYS102/104	8	
PHYS	Physics	HL 6,7	PHYS201/203 & PHYS202/204	8	
		HL 5	PSYC 100	3	
		HL 4	SOC 104	3	
PSYC	Psychology	SL 4	THRE106 & THRE108	6	
SOC	Social & Cultural Anthropology				
THRE	Theatre Arts				

Nontraditional Credit Limitations

Acceptance of non-traditional credit is limited as follows:

1. Advanced Placement, International Baccalaureate Program, CLEP, – 15 credit hours for an associate’s degree and 30 credit hours for a baccalaureate degree;
2. LLE – 15 credit hours for an associate’s degree and 30 credit hours for a baccalaureate degree;
3. Armed Forces Credit – 10 credit hours for an associate’s degree and 20 credit hours for a baccalaureate degree.

Guest Student Status

Students who desire to attend another institution as a guest student must complete a Michigan Uniform Undergraduate Guest Application form (or provide a list of classes to be taken in a state other than Michigan) to the Registrar’s Office for approval. [The Michigan Uniform Undergraduate Guest Application](#) form is available online.

Official transcripts must be received by Adrian College directly from the host institution before courses can be entered on the student’s permanent record.

Special Academic Programs

Honors Program at Adrian College

The Honors Program at Adrian College seeks to provide academically talented and motivated students with distinctive opportunities to explore personal and professional excellence reflective of the mission of Adrian College. The Honors Curriculum is based on the key concepts of the Adrian College Mission Statement: truth, human dignity, excellence, and justice. Members of the Honors Program enjoy cross-disciplinary seminars, conference presentation opportunities and enhanced academic options in their majors. Students who join the program can expect academic rigor and a supportive faculty,

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as well as access to convocation series speakers, early registration each semester, transcript and diploma notations, among other benefits.

The Honors program does not duplicate or compete with honors designations (cum laude, magna cum laude, summa cum laude) awarded at graduation or with departmental honors programs. Graduation from the Honors Program will be noted on the student's transcript.

The Honors Program supports and extends the Ribbons of Excellence by providing Honors program students with:

- Seminars that challenge students to think across disciplines.
- Experiences that encourage students to care for humanity and the world.
- Academic projects that develop critical and creative thinking.
- The foundation for being lifelong learners.

Objectives of the Adrian College Honors Program include:

- Demonstrate an ability to think critically about issues and topics from multiple perspectives.
- Demonstrate the ability to develop creative ways of engaging the world.
- Demonstrate an attitude consistent with someone who cares for humanity and the world.
- Show an appreciation for and love of learning.

Sample of Honors Program Activities include:

HONR 101: Ethics on Two Wheels

Students read about the politics and ethics of non-motorized transportation and worked together to craft Adrian College's new bike-share program.

HONR101: No Good Options: Difficult Choices in Health Care: A course exploring the uncertainties of medical practice.

Incoming students' college applications will be reviewed and those students who qualify (3.6/4.0 high school GPA and a 25 on the ACT) will be sent an application to apply to the Honors Program. The deadline for applications is July 1.

Students already enrolled at Adrian College may apply for acceptance in the Honors Program during their freshman or sophomore years. They must have achieved a 3.5 cumulative average at Adrian College by the time they apply. The application deadline is March 1. Incoming students who were not accepted into the Honors Program the summer prior to attending Adrian College can apply once

they have completed one semester and meet the GPA requirement.

Additional information about the courses and requirements is included in the departmental section of the catalog. Retention in the Honors Program requires students to maintain a 3.5 GPA.

Reserve Officers' Training Corps (ROTC)

The Department of Military Science and Leadership is home to the University of Toledo Army Reserved Office Training Corps (ROTC). Any enrolled college student can participate in the first two years of Army ROTC leadership courses without committing to join the Army. This is a unique opportunity to learn valuable skills and explore the program before deciding if this is a career path for you. Adrian College students are eligible to enroll through the University of Toledo to complete the curriculum in Military Science and Leadership while enrolled as an Adrian College student.

The Military Science and Leadership curriculum will provide cadets with basic military skills and the fundamentals of leadership, as well as the groundwork toward becoming an Army leader. At the conclusion of the Military Science and Leadership program cadets will be prepared to commission as an Army Officer with the knowledge, skills, and abilities to plan, resource, and assess training at the small unit level. Students will also learn about Army programs that support counseling subordinates and evaluating performance, values and ethics, career planning, and legal responsibilities. Additionally, students will be familiar with how to plan, prepare, execute, and continuously assess missions and the conduct of training at the company or field grade officer level.

All Cadets participate in weekly Leadership labs as part of the 3-credit hour class. Leadership Lab provides the opportunity for "hands-on" training and skill development. Leadership labs are usually held on Thursday between 3:30pm and 5:30pm.

For more information and a complete list of requirements of the ROTC program, please visit the University of Toledo's College catalog: <https://catalog.utoledo.edu/undergraduate/university-college/military-sciences/#text>

Individually Designed Major (IDM)

A student interested in the IDM program must consult with appropriate department chairpersons **before or near the junior year** to design a specific proposal. **IDM proposals must be received by the Registrar's Office prior to**

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registration for the second semester of the junior year to be reviewed by the Academic Status Review Committee. Proposal forms are available in the Registrar's Office. The approved IDM, including course requirements, must be filed with the Registrar, who must be notified of any changes in the program requirements.

- Hours required: 33 minimum to 46 maximum

- Independent Study: The 33-hour minimum requirements must include three (3) hours, but no more than six (6) hours, of Independent Study (451)

- Department requirement: Eighteen (18) hours of the total required must be selected from one department

- Capstone or Culminating Experience: Completion of a capstone or culminating experience in one department is required for graduation

Internship: Internship (199 or 399) credit is **not** allowed.

Off-Campus and Cooperative Programs

To qualify for approved off-campus programs, a student must have earned a minimum of 34 semester hours in residence at Adrian College and may not have an outstanding balance on his or her Adrian College account. These programs vary in cost and travel expenses. The student must pay tuition often before Adrian's normal charges are due. The student pays the greater tuition at Adrian College or the host institution's tuition. The student should also check with the College's Student Business Services prior to registering for any program, as scholarships and grants do not necessarily cover programs off campus, including study abroad.

Study Abroad Affiliations and Exchange Programs

Adrian College offers an exciting variety of study abroad opportunities for a semester, a year, or during May or summer terms. To initiate the study abroad process, students must first contact the Director of the Institute for Study Abroad Office, located in Valade Hall. Students who study abroad through one of Adrian College's affiliate or exchange programs remain enrolled at Adrian College and may use non-institutional financial aid to pay for their programs. Credits hours earned on an Adrian College affiliated program are applied to the student's transcript and count towards graduation. Grades received on these programs are recorded on the student's permanent transcript and will be factored into the cumulative grade point average. Students may participate in these programs for one or two semesters during the regular school year and during May and summer terms.

For a complete list of affiliated programs, please visit the Institute for Study Abroad's webpage:

<http://adrian.edu/academics/institutes/study-abroad/>

Adrian College Study Abroad Policies

Adrian College has affiliations in the form of signed agreements with study abroad programs which allow two things to happen: (1) credit earned at host institutions transfers back to Adrian College as graded AC credit; (2) students are able to use federal, state and private forms of financial aid to help pay for their study abroad experience. Note: Institutional financial aid requires residency at Adrian College (i.e., students are registered full-time and attending classes at the College) and is therefore ineligible for application to a study abroad program. Exceptions to this rule are any scholarships endowed for the specific purpose of studying abroad (i.e., McGinnis-Burris Renaissance Travel Award).

Students must study abroad through one of Adrian College's affiliate institutions in order to guarantee that all of their credits transfer back and to use their non-institutional financial aid to help pay for their program.

If a student chooses to study abroad through a non-affiliated program or institution, they will not be a matriculated Adrian College student, and Adrian College assumes no responsibility for that student or the non-affiliated program or institution.

Credits and Registration

During the regular school year, if a student studies abroad, they must register for study abroad hours through

the Registrar's Office to hold his or her place as a matriculated student at the College.

Although May and Summer terms are not considered part of the regular school year, a student studying abroad during these terms must also register for study abroad hours through the Registrar's Office before beginning the program.

All credits earned through one of Adrian College's affiliated programs or institutions transfer back to the College as graded Adrian College credit.

Charges and Payments

During the regular school year, the student will be charged the fees of the host institution or program. Exceptions to this policy are programs with which Adrian College has an exchange agreement (i.e. Yonsei University).

Financial Aid

During the regular school year, students studying abroad through one of Adrian College's affiliates may use their non-institutional financial aid (i.e. Federal, state, private) to pay for their program. Institutional aid from Adrian College carries a residency requirement and may only be used while a student is attending undergraduate classes full-time at Adrian College.

During the May and Summer terms, the only financial aid available to students for studying abroad is in the form of student loans.

Limits on Study Abroad Experiences

Normally a student may participate in one study abroad experience during any regular school year while at Adrian College. This is defined as one study abroad experience in one country with one program for either a semester or a year. A student who wishes to study abroad more than once during any regular school year while at Adrian College may petition the Vice President and Dean of Academic Affairs for permission to go abroad again. There is no limit on the number of times a student may study abroad during May or Summer terms.

Pre-Professional and Related Programs

The liberal arts education offered at Adrian College serves as a foundation for many careers. Students looking forward to professional or related careers are encouraged to complete a baccalaureate degree before beginning advanced study. Often, however, students may be admitted to a professional school by the end of their junior year or may be required to complete their senior year at an accredited hospital or other facility. To qualify, students must:

1. Complete 124 hours of academic credit or its equivalent, 90 hours of which must be earned at, or accepted by, Adrian College;
2. Satisfy the College distribution and educational proficiency requirements prior to leaving Adrian College;
3. Complete courses specified for a departmental major, unless a different arrangement is approved in writing;
4. Apply to the registrar for the deferred baccalaureate privilege, presenting evidence of admission to a professional school or related training.

Generally, students enrolling in pre-professional and related programs must exhibit grades or other indications promising successful advanced study. In doubtful cases, the registrar may require endorsement of particular applications or programs by the Academic Status Review Committee. Each pre-professional program has a designated academic liaison, as identified on the Adrian College website; <http://adrian.edu/academics/academic-departments/pre-professional-programs/pre-architecture-program/>

Pre-Architecture Program

Adrian College offers a Pre-Architecture program for students who plan on attending graduate school for Architecture and pursuing a career as an architect. Students will graduate from Adrian College with a Bachelor of Science degree in Interior Design. They will also complete the following additional course work: ART100 and ART101, HIST123 and HIST124; MATH135; PHIL105; PHYS101 and PHYS103. Articulation agreements are available to attend Washington University or Lawrence Technological University.

Pre-Art Therapy Program

To practice art therapy professionally, a student must receive a Master of Art Therapy (MAT). Students who contemplate pursuing this specialized graduate training are advised to complete the following course of study, developed in accordance with The American Art Therapy Association:

1. A major in Art or Psychology with special attention to development of a sophisticated art portfolio, which shows competence in a wide variety of media.
2. Art majors must also complete: PSYC100, PSYC205, PSYC303, PSYC304, and PSYC311.
3. Psychology majors must also complete: three (3) from ART100, ART101, ART102 and ART103. Plus, either ART201 or ART202; either ART205 or ART206; either ART305 or ART306; ART301, ART303, and 6 credits of additional studio courses.
4. ART325 and ART326.
5. Completion of an internship of at least 3 hours with a registered art therapist and/or ART327: Art Therapy Practicum.

Pre-Engineering Program

Adrian College has three options for students interested in pursuing a career in engineering. Interested students should meet with Dr. Greg Thompson as soon as possible to discuss which option best fits with their interests and goals.

Option 1

Adrian College has partnered with the University of North Dakota (UND) to establish engineering dual-degree programs in biomedical engineering, chemical engineering, civil engineering, electrical engineering, mechanical engineering, and petroleum engineering. Through this partnership, students will take on-campus courses at Adrian to earn a B.A. in Physics while simultaneously taking engineering courses online to earn a B.S. in biomedical, civil, electrical, or mechanical engineering from UND. Similarly, a B.A. in chemistry is paired with the B.S. in chemical engineering and a B.A. in geology is paired with the B.S. in petroleum engineering. For more information, please see the [Engineering Dual-Degree Programs](#) page. [Dual Degree Programs](#)

Option 2

Complete a Bachelor of Science degree at Adrian College. This is the most common path students choose. In most cases, a major in physics is the most appropriate choice. The physics major is often paired with a minor or second major in math or another science. This option is excellent preparation for entry-level engineering positions as well as for admission to graduate programs in engineering. For example, recent graduates have gone on to complete master's degrees in Space Engineering and Environmental Engineering.

Option 3

Complete two years of study at Adrian College and then transfer to an engineering school. This option allows the student to complete most of the prerequisites for beginning

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engineering coursework. Students must meet the same admission criteria as any other student applying to the engineering school. Most engineering programs will require a minimum GPA of 3.0 at Adrian College. Completion of the engineering degree will typically take an additional 2.5 to 3 years. This assumes freshman placement into MATH 115 or higher. See below.

Important Note: It is assumed that students entering the program will be enrolled in MATH 115 (Pre-Calculus) or higher for the fall semester of their freshman year. Students not meeting this requirement will need to complete one or more math courses over the summer to graduate on time. Students must have passed MATH 135 (Calc. I) with a C or higher prior to enrolling in PHYS 205.

Pre-Law Program

Adrian College offers a pre-law program for students who plan to attend law school and pursue a career as a lawyer. It is generally agreed that future lawyers need to be very broadly educated and that there is no one pattern of undergraduate preparation which is ideal for everyone who is interested in law. Each student should select a major or majors that will encourage the development of orderly work habits and sharpen the ability to think critically and state ideas clearly. Students are encouraged to meet early in their undergraduate careers with the director of the Institute for Law and Public Policy so they can craft course plans that best meet their needs and learn more about other resources available to pre-law students. The individual attention provided by our program assures that students will be acquainted with some extremely important basic concepts that will be helpful in law school while allowing them maximum flexibility to select the rest of their studies on the basis of their personal interests and aptitudes.

Under the 3+3 Admissions Program, students at Adrian College may matriculate to the University of Toledo College of Law after three years of undergraduate study. To accomplish this, students should declare to the Adrian College Law Institute advisor their intention to pursue the 3+3 Admissions Program as early as possible. The credits earned during the first year of law school count towards the credits needed for the Bachelor's degree, so that the student is awarded a Bachelor's degree by Adrian College following the successful completion of the first year of law school. Thus, by completing three years of undergraduate study and three years of law school, students earn a Bachelor's degree and J.D. in six years rather than the traditional seven years.

Recommended courses for all pre-law students include:

COMM300, COMM302, PHIL105, PHIL201,
PHIL331, PSCI101, PSCI394, PSCI395, SCJ366,
SCJ393, SCJ396, SCJ397, SCJ398, SCJ401.

Recommended courses for students interested in business law include:

ACCT203, ACCT204, BUS305

Pre-Seminary Program (Pre-Ministry)

Adrian College offers a pre-seminary program for students who intend to pursue a vocation in ministry. We understand ministry to have many expressions from pastoral leadership to social advocacy, teaching, youth ministry, music ministry, counseling, journalism, mission work, and other forms of service. The program is designed to prepare individuals to enter accredited seminaries or graduate programs and has an excellent record of placing students in the programs of their choice.

Preparation for ministry was a part of Adrian College from its beginning in 1859. The "Theological Association of Adrian College" began in 1869 as a forum for those exploring a call to ministry. The College even developed its own school of theology during the late 19th century but eventually placed this emphasis within its wider undergraduate offerings. After World War I the theological association adopted the name "Major Cole Association," in honor of a popular Christian speaker who served as a mentor for Adrian College students. Recently the Adrian College pre-seminary program has been redeveloped around a vibrant student organization. This student group serves three purposes: (1) to meet regularly for mutual support and discussion regarding issues of call, (2) to provide a place for engaging visiting seminary representatives and others with wisdom regarding different church vocations, and (3) to attend retreats and events that help students wrestle with God's call to ministry. The Adrian College pre-seminary program and its accompanying student organization have received national attention as a model of vocational discernment and support.

The pre-seminary program has a special relationship with the philosophy/religion department of the College, and many of our pre-seminary students are philosophy or religion majors or minors. The pre-seminary welcomes people of all denominations.

Pre-Health Science Program

Adrian College has a long history of preparing its graduates to enter the health professions. In recent years our health studies students have been admitted to over 25 graduate and professional programs in 29 states. Students headed for professional school in any health profession are supported by Adrian College's Institute for Health Studies. Advising services include assistance in career selection, support in course planning, and advice in securing patient care, research and extracurricular experiences that are found in successful candidates. At the end of the junior year, or in

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the senior year we assist students in preparing for entry exams and applying to the program of their choice.

Pre-Med or other pre-professional coursework in health care is not a major. Students will choose a major in an Adrian College academic department which is closely aligned with the requirements of their selected profession. For example, a pre pharmacy student might be a Biochemistry major, a pre-med or pre-dent student might be a biology major, and a pre physical therapy or occupational student will likely be an Exercise Science major. However, students should feel free to choose any major while completing pre-professional coursework. Each student will have a faculty advisor for completion of the major, alongside health professions advising from the Institute for Health Studies. Informational materials, workshops and speakers are available to students for their independent research about their target career and desired professional training.

Healthcare professionals generally complete graduate education at the master's or doctoral level. Preparation for training in medicine, dentistry, veterinary medicine, pharmacy, optometry or as a physician assistant, physical therapist, occupational therapist or other health professional requires detailed undergraduate planning. From the second semester of the freshman year, students should work closely with a faculty advisor in their major department and a health professions advisor to plan their four-year academic schedule. In schedule planning, attention must be paid to the sequencing of courses, and the semesters they are commonly offered. All required pre-requisites for professional school are offered on campus, or by arrangement with other Universities.

To prepare a competitive application portfolio, undergraduate health professions students must:

1. Complete all academic prerequisites required by their graduate professional program and critical to strong performance on entry examinations.
2. Complete the graduation requirements of an academic major relevant to their intended field.
3. Become familiar with their intended profession by seeking internships and experiential learning opportunities.
4. Pursue leadership and volunteer opportunities that develop their skills outside the classroom.

Students planning to attend professional school immediately on graduation from Adrian College should

complete the majority of prerequisite courses by the end of the junior year. Entry exams are taken and the application process begins the summer following the junior year. At the student's option, this may be deferred to the senior year. Certain summer enrichment experiences are most commonly obtained following the freshman or sophomore years.

Adrian students declare their major no later than the sophomore year. Nationally, and at Adrian College, the most common majors for students applying to medical and dental school are Biology and Chemistry, representing about 60% of applicants. Coursework required for Biology or Chemistry majors overlaps many of the science pre-requisites for professional schools, which is a contributing factor to this pattern. However, professional schools will accept any major, so long as prerequisite science/ other courses have been completed. At Adrian College, Exercise Science and Psychology are the majors next most commonly seen among pre-health students.

Whatever their major, health science students should expect to take a number of courses in Biology, Chemistry and Physics. Many professional programs will require math at the pre-calculus or calculus level, and an increasing number look for coursework in statistics. Students will not be enrolled in College Chemistry without evidence of strong math skills, demonstrated by ALEKS math assessment taken by incoming freshmen.

Other courses commonly required are English, Psychology, Bioethics, Sociology, and Anatomy & Physiology. Students are reminded that material tested on the entry exams should be studied no later than the junior year.

Apart from the professional degree programs, many other career options exist in healthcare. Biostatistics, public health, health policy/health care management, bioethics and various forms of patient advocacy are among the other fields open to students with interests in the field. Adrian College now offers majors and minors in Public Health and Health Care Management; and an MBA in Health Care Management. Bioethics study is available through our Philosophy Department, and the Biology and Psychology Departments have collaborated on a neuroscience track. Of course, our Masters in Athletic Training is offered in the Exercise Science Department, and many of Exercise Science students go on to graduate programs in physical therapy, occupational therapy or exercise physiology.

There is wide variety in the course prerequisites each professional school requires. Students are encouraged to investigate their field of interest as well as the specific

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schools they might attend – as early as possible. Comprehensive counseling on all health career pathways is available through the digital, email, online and personal counseling resources of the Adrian College Institute for Health Studies.

Dual Degree Programs

University of North Dakota

Adrian College has partnered with the University of North Dakota (UND) to establish dual-degree engineering programs. Through this partnership, students will take on-campus courses at Adrian to earn a B.A. in Physics while simultaneously taking engineering courses online to earn a B.S. in Biomedical, Civil, Electrical, or Mechanical Engineering from UND. Similarly, a B.A. in Chemistry is paired with a B.S. in Chemical Engineering and a B.A. in Geology is paired with a B.S. in Petroleum Engineering. Students who complete the dual-degree program will earn two distinct bachelor's degrees in 5 years.

Engineering typically involves several hands-on lab courses, and these programs are no different. Students may use kits purchased from UND to complete required engineering lab courses remotely. In addition, some lab courses will be taken on campus at UND over the summer. The summer lab sessions are typically less than two weeks in duration. Students will receive academic and career advising support from both Adrian College and UND in their respective majors. These programs allow students to have the traditional Adrian College experience while also earning an engineering degree from UND, a premier engineering school.

Courses & Curriculum:

Each dual-degree program is designed to be completed in 5 years. This timeline assumes that students are placed into Pre-Calculus (MATH 115) or beyond for their first semester.

For more information on the Engineering programs at UND, please click on the degrees below

B.S. in Biomedical Engineering [<https://und-public.courseleaf.com/undergraduateacademicinformation/departments/courses/programs/engineering/biomedical-engineering/>]

B.S. in Chemical Engineering [<https://und-public.courseleaf.com/undergraduateacademicinformation/departments/courses/programs/chemical-engineering/ce-bs/>]

B.S. in Civil Engineering [<https://und-public.courseleaf.com/undergraduateacademicinformation/departments/courses/programs/civil-engineering/cive-bs/>]

B.S. in Electrical Engineering [<https://und-public.courseleaf.com/undergraduateacademicinformation/departments/courses/programs/electrical-engineering/ee-bs/>]

B.S. in Mechanical Engineering [<https://und-public.courseleaf.com/undergraduateacademicinformation/departments/courses/programs/mechanical-engineering/me-bs/>]

B.S. in Petroleum Engineering [<https://und-public.courseleaf.com/undergraduateacademicinformation/departments/courses/programs/petroleum-engineering/ptre-bs/>]

Academic Lectureships

Lectureships bring outstanding speakers from many areas to campus and add flavor and depth to the academic program. Endowed lectureships include:

The Dawson Lectureship

Funded by the John H. Dawson, Virginia Bates Dawson and Marsha Dawson Nelson Endowment Fund, this lectureship is designated for use by the Teacher Education Department.

John Davis Modern American History Lectureship

Dr. Davis, professor emeritus, served the College's history department from 1961-1985. Upon his retirement, colleagues and friends established this fund.

Bob and Jean Lok Freligh Community Lecture Series

This lectureship is funded by a donor in recognition of Bob and Jean Lok Freligh, local community members and supporter of Adrian and Adrian College.

Edward C. DeMeritt Lectureship in Social Sciences

This lectureship is funded from the estate of Mr. DeMeritt, a Lenawee County businessman, investor and friend of the College.

Charles and Lena Beem Gillilan Lectureship in Business Administration

This prominent program was made possible by a bequest from Mr. Gillilan, a successful businessman in the rubber industry. Lena Beem Gillilan graduated from Adrian College in 1909. The lectureship brings to campus leading authorities in American free enterprise.

Kartemquin Film and Documentary Lectureship Series

Allen L. Goldsmith Lectureship in Science

The Goldsmith Lectureship was funded by gifts from the family and friends of the late Mr. Goldsmith, distinguished Adrian industrialist and trustee of the College.

Edward and Mildred Meese Lectureship in Religion and Philosophy

This program was made possible by a gift from the estate of Mr. and Mrs. Meese of Lansing. Mr. Meese was an Associated Press telegrapher.

Mary A. Merritt Lectureship

Mary A. Merritt attended Adrian College from 1874 to 1878. On the 100th anniversary of her entry at Adrian, this lectureship was established in her name, in remembrance of the courage and high purpose that characterized her throughout her long life. Established by Anne Wood Murray

of Washington, D.C., the lectureship sponsors guest lecturers in English and poetry.

Genevieve R. Oliver Lectureship in Art

This lectureship is funded from the estate of Mrs. Genevieve R. Oliver, late owner of the Oliver Instrument Company of Adrian.

Mildred A. Smith Lectureship in the Humanities

This program is funded by a bequest from the estate of Mrs. Mildred A. Smith of Adrian.

J. Mabel Stephenson Memorial Lectureship

Funded by a gift from the family, this lectureship enables the College to benefit from the presence of outstanding individuals who are active leaders in the cause of Christian missions.

Institutes

Institutes integrate theoretical and practical learning designed to create distinctive learning opportunities. Institutes offer students an ability to dialogue, research and serve around timely topics of interest. Additionally, they offer opportunities for faculty, staff, alumna and the surrounding community to connect in meaningful ways such as: lecture series, advisory boards, workshops and trips abroad.

The following are the current institutes. See each institute web page for further details;

<http://adrian.edu/academics/institutes/>

George Romney Institute for Law and Public Policy

The George Romney Institute for Law and Public Policy works to weave legal and public policy considerations into the academic fabric of Adrian College. Specifically, the Institute enhances pre-law and graduate opportunities for students, increases opportunities to study legal and policy issues, brings speakers to campus, promotes interdisciplinary exploration of law and public policy and explores the opportunities for practitioners and academics to work together on these issues.

Institute for Career Planning

The Institute for Career Planning provides assistance in all phases of the career development process including self-assessment, decision making, career development, networking, job search and graduate study preparation. Our mission is to empower students and alumni with the skills, knowledge and resources necessary for successful career development. The individualized services are offered throughout the year and utilize partnerships with Adrian College faculty, administrators, alumni and employers. The Institute for Career Planning also coordinates the Adrian

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College Internship Program and manages the Handshake platform (a career-recruiting and informational tool).

For more information, contact careerplanning@adrian.edu.

Institute for Innovation and Creativity

Everyone has a creative spark that can be nurtured and cultivated in a systematic way. The Institute for Innovation and Creativity implements creativity in the curriculum and campus life to prepare students to be leaders in the world. Creativity is not limited to the performing and visual arts, but is vital in every discipline.

For more information, contact creativity@adrian.edu.

Institute for Cross-Cultural Studies

The mission of the Institute for Cross-Cultural Studies is to provide opportunities for academic study, programs, and services designed to encourage cultural, academic, social, and personal growth and understanding among the Adrian College community. The Institute reflects Adrian College's commitment to creating an equitable learning and social environment, where a wide range of perspectives, experiences, and academic interests are promoted in and out of the classroom. In particular, the Institute aims to work with student organizations to promote community awareness of how social differences and cultural practices as well as pressing contemporary issues related to race, class, gender, ethnicity, religion, sexual orientation, and/or disability impact our society, learning environment, and personal growth. To promote these goals, they seek to provide scholarly platforms that allow students to work as public intellectuals as they engage in political interests and social causes that enhance diverse and inclusive habits of mind.

Institute for Education

The mission of the Institute for Education is to develop a collaborative model that brings "Best Practices" in teaching and learning to the Adrian College campus and the community. The Institute is apolitical, and strives to create an environment where the exchange of ideas and opinions are welcomed. The Institute for Education supports students as they develop to their fullest potential by equipping them with an education grounded in innovation, research, and practice of professional excellence.

For more information, contact instituteeducation@adrian.edu.

Institute for Entrepreneurial Studies

The Institute for Entrepreneurial Studies strives to create and provide an academic environment (classes, seminars, lecturers and participation in various entrepreneurial activities) in which students will be exposed to the entrepreneurial environment. Entrepreneurship training calls for the development of multi-disciplinary and non-traditional business skills. The Institute strives to help students develop the skills that will prepare them to deal with challenges of operating in a startup like business environment that favors initiative, creativity and risk-taking.

Institute for Leadership and Ethics

The Institute for Leadership and Ethics promotes conversations about ethics and raising awareness about the kinds of ethical problems common to the disciplines. It provides resources for the community through identifying the major ethical theories found in the professions, developing models of approaching ethical problems, and providing forums in which those issues can be discussed. The Institute is not an advocacy group for or on any particular side of moral issues.

For more information, contact ethics@adrian.edu.

Institute for Health Studies

The Institute for Health Studies supports students planning for any career in the healthcare industry. For many students, this means graduate or professional school in the health professions (medicine, dentistry, pharmacy and others). Through the Institute, students are assisted in career selection, experiential learning here and abroad, professional school preparation and application, and training in various content areas relevant to future work in healthcare.

Institute for Sports Medicine

Sports Medicine is an area of medical practice and allied health concerned with the prevention and treatment of injuries and illness that occur in the physically active. The mission of the Institute for Sports Medicine is to:

Inform: Provide educational resources to youth organizations, high schools, college, athletes, coaches, parents, and the community.

Influence: Bring healthcare providers, wellness professionals, and the community together to stimulate change through partnerships.

Inspire: Encourage youth organizations, high schools, colleges, athletes, coaches, and parents to expect and uphold high standards for the delivery of sports medicine in the community.

Institute for Study Abroad

Through the Institute for Study Abroad, students can enrich their education by studying all over the world. The Institute offers traditional semester and year abroad options, as well as May or Summer term options, tours, internships, service learning, and faculty-led programs. The Institute helps students with choosing the right program, navigating the application process, and finding financial aid.

For more information, contact studyabroad@adrian.edu.

Ribbons of Excellence Program

In 2007, the academic community at Adrian College adopted the idea of the ribbons to represent its standards of excellence. From the long-standing tradition of the ribbons attached to the shepherd's crook at graduation, the Ribbons of Excellence have been developed to support the College's mission statement. As the Latin inscription on the cane suggests, these Ribbons of Excellence cannot be achieved without hard work. The 5 ribbons are *Learning Throughout a Lifetime, Caring for Humanity and the World, Thinking Critically, Crossing Boundaries and Disciplines, & Developing Creativity*.

The Ribbons of Excellence Conference was proposed by faculty to celebrate student research and accomplishments which go beyond the classroom experience and the first annual conference was held in April 2009. Each Spring semester, classes are cancelled for one day and the campus becomes a conference to showcase student work and bring it to the broader community. The program requires students to take part in research and other projects to *think critically* and tie these ribbons back into their lives, not just the Shepherd's Crook! We strive to achieve *learning throughout a lifetime* by inviting community members, faculty, staff, students and other visitors to attend the day's events. This event features work from our first-year courses all the way through senior capstone research projects and graduate theses and/or projects.

In January 2014, the Ribbons of Excellence Co-Curricular (ROE-CC) program was started to encourage students to participate in campus-wide events that support the mission of Adrian College and specifically the Ribbons of Excellence. In the past, some of the endorsed events include convocation, a film series, various theatre productions, and guest speakers. Division of Student Life designates events as a Ribbons of Excellence Endorsed to allow students to collect ROE-CC points. These points are

accumulated towards a free cap and gown and can be used to qualify for special recognition at graduation.

More information about the Ribbons of Excellence can be found at www.adrian.edu/roe.

Courses of Instruction

The courses of study that follow are listed alphabetically by departments.

Course Numbers

A three-digit system is used for numbering courses. The first digit indicates the level of the course.

100	Introductory courses
200	Second-level courses – these often have prerequisites, including introductory work or sophomore standing.
300	Advanced courses – these are designed for major programs and for election by students who have completed the prerequisites specified in course descriptions.
400	Advanced or senior-level course – these are usually research, seminar or independent study courses.
500	Graduate-level course

The use of a comma between course numbers indicates a definite sequence, but completion of the second semester is not required in order to obtain credit for the first. Example: ART101, ART102. The numbers in parentheses following the name of a course indicate the semester hours of credit. For example, (3, 3) indicates three hours of credit each semester.

Students planning to teach in elementary or secondary schools should refer to the Teacher Education section of this catalog to determine requirements for certification. It is recommended that these students confer with the chairperson of the Department of Teacher Education to discuss requirements needed to meet the Michigan Department of Education requirements.

Distribution Designation

The following words in parentheses after some course titles identify courses that may be applied to general education distribution:

- (ARTS) Arts
- (HUMANITIES) Humanities
- (PHILOSOPHY/RELIGION) Philosophy, Religion
- (SOCIAL SCIENCE) Social Science
- (NATURAL SCIENCE) Natural Science

(CROSS CULTURAL) Cross Cultural

The semesters listed after course descriptions indicate when courses are expected to be offered. Schedules are subject to change; students should confirm semester offerings with the department when planning degree programs.

Special and Advanced Courses

Five courses are consistent in their numbering throughout the departments. These appear at the end of each department's listing, under the heading Special and Advanced Courses.

199. Exploratory Internships (1-3). Apply through the Institute for Career Planning.

299. Experimental Courses (1-3). Courses offered on a trial basis and intended for first- and second-year students. A course may be offered no more than twice as an experimental course. After the second offering, the course must be submitted through the curriculum review process and become a regular course offering in the Academic Catalog.

399. Professional Internships (1-12). Apply through the Institute for Career Planning.

451. Independent Study (1-3). Individual research projects elected in consultation with department chairpersons. Restricted to qualified upper-class students.

499. Advanced Experimental Courses (1-3). Courses offered on a trial basis and intended for third- and fourth-year students. A course may be offered no more than twice as an experimental course. After the second offering, the course must be submitted through the curriculum review process and become a regular course offering in the Academic Catalog.

100-498. I.S. - Individual Study (1-4). Regularly titled courses offered on an individual basis to a student who is unable to take a course at a regularly scheduled time. These courses include additional fees.

100-498. Topics Course (1-4). In-depth study of a special topic or themes reflecting specialized knowledge and experience of a given professor. At the discretion of the Department, topics courses may be repeated for the credit if the topic is different.

Common Terms

The following terms are common throughout the listing of courses, or may be helpful in navigating a student's plan of study.

Courses:

The courses of instruction are broken into individual course units. Each course is approved by the entire Adrian College Faculty to meet any criteria set forth via the curricular process of the college. The faculty member for every class at Adrian College can waive any of the prerequisites or co-requisites to their course of instruction for the semester they are teaching the course.

Prerequisite:

A course which is required to be passed before enrolling in the course desired. For example: MATH215 has a prerequisite of MATH205. Therefore, a student must pass MATH205 before enrolling in MATH215.

Co-requisite:

A course which must be taken in conjunction with another course. The co-requisite course must be completed at the same time as the course desired. For example: BIOL218 has a co-requisite of BIOL217. This means a student can take BIOL217 in the same semester as BIOL218, however, they may not take 218 without having completed BIOL217 or being enrolled in BIOL217.

Course Fees:

Departments can attach fees to the courses to cover the expense of materials required for completing the course. These non-refundable fees are assessed after the add/drop enrollment period at the start of each semester.

Distributional Changes:

Courses may not have the same distributions associated with them in all semesters. This is specifically relevant to the Writing Intensive Course which is dependent on the instructor teaching the course. Students must be aware of the distributions attached to a course at the time of registration. Distributions will not be added to classes retroactively to the registration process.

Changes to Curricular Requirements:

The curriculum of a department may change in the time that you are enrolled at Adrian College due to a number of reasons. Once the curricular changes are approved by the faculty, the department must work with the Registrar and students in a major to allow substitutions to courses that may not otherwise be taught.

Departmental Permission:

When a course requires Departmental Permission, it is an indication that the course is designed for Majors of that department only. Students must see the approval of the department chair in order to enroll in the course.

Course Substitution:

A required course may be replaced with another course upon written approval of the department chair, submitted to the Registrar, prior to registering for the substitute course.

Experiential Learning:

When a department requires an experiential component to their major, the component must be approved before a student register for or completes the experiential experience.

Course Waiver (no credit assigned):

A course waiver can be granted by a Department Chair, when submitting written reasons to the Registrar. However, students receiving a course waiver will receive no credit hours for the waived course

Topics Courses: (1-4 credits)

In depth study of a special topics or themes reflecting a special or current topic of interest or reflecting specialized knowledge and experience of a given professor. At the department's discretion, students may repeat topics courses if the topic is different.

- Topics may be offered as electives; not major or minor requirements.
- Topics classes offered at the 300-level or above must either have prerequisites or require instructor permission.
- Topics classes open to first-year students and with no prerequisites must be offered at the 100- or 200-level.
- Topics classes are not intended to "trial run" new courses. The experimental designation is to be used for that purpose.
- After two course offerings, the Registrar's Office will contact the department for further curricular development.
- Students who want to retake a topics course for a grade change may only retake it if it is the identical topic and instructor with the permission of the instructor.

Courses of Instruction

Credit Hour Policy:

In accordance with federal regulations and mandates from the Higher Learning Commission in July 2013, Adrian College defines **one credit hour** as:

“A credit hour is the amount of work represented in intended learning outcomes and verified by evidence of student achievement that approximates not less than:

- (1) one hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately fifteen weeks for one semester, or the equivalent amount of work over a different amount of time; or (2) at least an equivalent amount of work as required in (1) of this definition for other activities as established by the institution, including laboratory work, internships, practica, and studio work, and other academic work leading toward the award of credit hours.” (Source: Federal Compliance Requirements for Institutions, June 2012, Higher Learning Commission: A Commission of the North Central Association)
- A. As the majority of courses at Adrian College fall within a 15-week, scheduled class block the following is adopted as our assumptions for course work:
- a. 1 credit hour course offered in a 15-week schedule consists of 1 hour/week of classroom instruction and 2 hours/week out of class work (3 hours/week x 15 weeks= 45 hours of student effort).
 - b. 2 credit hours courses offered in a 15-week schedule consists of 2 hours/week of classroom instruction and 4 hours/week of out of class work (6 hours/week x 15 weeks= 90 hours of student effort).
 - c. 3 credit hour courses offered in a 15-week schedule consists of 3 hours/week of classroom instruction and 6 hours/week of out of class work (9 hours/week x 15 weeks = 135 hours of student effort).
 - d. 4 credit hour courses offered in a 15-week schedule consists of 4 hours/week of classroom instruction and 8 hours/week of out of class work (12 hours/week x 15 weeks= 180 hours of student effort).
- B. As the majority of activities at Adrian College fall within a 15-week schedule class block, the following is adopted as our assumptions for these activities:
- a. Natural science labs are 2-3 hours of instruction, attached to a course.
 - b. Internships are assumed as 1 credit hour= 40 hours of work at the approved site.
 - c. Practicums are defined by the external accrediting bodies and information is found in the department’s web pages.
 - d. Studios are defined as 3 hours of instruction, twice a week.
 - e. Undergraduate research follows the above assumptions for credit hours and student effort.
 - f. Allied health program clinical education experiences assume that one semester credit hour of clinical learning= a maximum requirement of 100 hours of clinical time.
- C. For courses or activities that fall outside of the 15 week course schedule, faculty are required to add the above equivalencies to their syllabus as a statement entitled: Credit hour policy compliance. The following courses and activities covered under this provision include:
- a. Courses offered over a condensed timeframe in any semester;
8-week Courses – Fall and Spring
1 Credit Course: 1.875 hours of classroom instruction per week, 3.75 hours out of class work (45 hours of student effort)

3 Credit Course: 5.625 hours of classroom instruction per week, 11.25 hours out of class work (135 hours of student effort)
 - b. Independent and individualized studies in any semester;
 - c. May and summer terms courses:
May Term- 4 weeks
1 Credit Course: Must have 45 hours of student effort. Ex. 5 contact hours per week, 4.25 hours assumed student effort
3 Credit Course: Must have 135 hours of student effort. Ex. 15 contact hours per week, 18.75 hours assumed student effort
4 Credit Course: Must have 180 hours of student effort. Ex. 20 contact hours per week, 25 hours assumed student effort

Courses of Instruction

Summer Term- 6 weeks

1 Credit Course: Must have 45 hours of student effort. Ex. 5 contact hours per week, 2.5 hours assumed student effort.

3 Credit Course: Must have 135 hours of student effort. Ex. 15 contact hours per week, 7.5 hours assumed student effort

4 Credit Course: Must have 180 hours of student effort. Ex. 20 contact hours per week, 10 hours assumed student effort

Monitoring of credits for compliance will occur through the Vice President and Dean of Academic Affairs office each semester.

List of Majors, Minors, and Certificates

Note: Teacher education certificates are listed in italics; please see the Teacher Education portion of the catalog for more information.

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- [Bachelor of Arts in Business Administration](#)
- [Bachelor of Arts in Cybersecurity Management](#)
- [Bachelor of Arts in International Business](#)
- [Bachelor of Business Administration in Accounting](#)
- [Bachelor of Business Administration in Entrepreneurial Studies](#)
- [Bachelor of Business Administration in Event Planning and Facility Management](#)
- [Bachelor of Business Administration in Fashion Merchandising and Marketing](#)
- [Bachelor of Business Administration in Finance](#)
- [Bachelor of Business Administration in Health Care Management](#)
- [Bachelor of Business Administration in Human Resource Management](#)
- [Bachelor of Business Administration in Management](#)
- [Bachelor of Business Administration in Marketing](#)
- [Bachelor of Business Administration in Professional Sales](#)
- [Bachelor of Business Administration in Project Management](#)
- [Bachelor of Business Administration in Sports Management](#)
- [Bachelor of Business Administration in Supply Chain Management](#)
- [Bachelor of Science in Emergency Management and Disaster Planning](#)
- [Bachelor of Science in Public Health](#)
- [Associate of Arts in Business](#)
- [Minor in Business Administration](#)
- [Minor in Cybersecurity Management](#)
- [Minor in Economics](#)
- [Minor in Emergency Management and Disaster Planning](#)
- [Minor in Entrepreneurial Studies](#)
- [Minor in Esports Management](#)
- [Minor in Health Care Industry](#)
- [Minor in Project Management](#)
- [Minor in Public Health](#)
- [Certificate in Accounting](#)
- [Certificate in Digital Marketing and Analytics](#)
- [Certificate in Financial Planning](#)
- [Certificate in Project Management](#)

Art and Design 86

- [Bachelor of Arts in Graphic Design](#)
- [Bachelor of Arts Management](#)
- [Bachelor of Fine Arts in Graphic Design](#)
- [Bachelor of Arts in Studio Art](#)
- [Bachelor of Fine Arts in Studio Art](#)
- [Bachelor of Fine Arts in Web Design](#)
- [*Bachelor of Fine Arts with Teacher Certification in Visual Arts-K-12*](#)

- [Bachelor of Science in Interior Design](#)
- [Associate of Arts in Art](#)

- [Associate of Arts in Graphic Design](#)
- [Minor in Art](#)
- [Minor in Art History](#)
- [Minor in Graphic Design](#)
- [Minor in Facilities Design](#)
- [Minor in Web Design](#)
- [Certificate in Graphic Design](#)

Biology 98

- [Bachelor of Arts in Biology](#)
- [*Bachelor of Arts with Teacher Certification in Biology-Secondary Education*](#)
- [Bachelor of Science in Biology](#)
- [Bachelor of Science in Biology: Neuroscience](#)
- [Associate of Arts in Biology](#)
- [Minor in Biology](#)

Chemistry and Biochemistry 103

- [Bachelor of Science in Biochemistry](#)
- [Bachelor of Arts in Biochemistry](#)
- [Bachelor of Arts in Chemistry](#)
- [*Bachelor of Arts with Teacher Certification in Chemistry-Secondary Education*](#)
- [Bachelor of Science in Chemistry](#)
- [Minor in Biochemistry](#)
- [Minor in Chemistry](#)

Communication Arts and Sciences 110

- [*Bachelor of Arts with Teacher Certification in Communication/Speech- Secondary Education*](#)
- [Bachelor of Fine Arts in Film Studies](#)
- [*Bachelor of Science in Broadcasting and Media Studies*](#)
- [Bachelor of Science in Public Relations](#)
- [Associate of Arts in Communication Arts and Sciences](#)
- [Minor in Communication Arts and Sciences](#)
- [Minor in Media and Film Studies](#)
- [Minor in Public Relations](#)
- [Certificate in Multimedia Marketing](#)

Computer Science 112

- [Bachelor of Arts in Computer Science](#)
- [Bachelor of Arts in Data Analytics](#)
- [Bachelor of Arts in Game Development](#)
- [Bachelor of Science in Computer Science](#)
- [Bachelor of Science in Information Technology](#)
- [Minor in Cloud Application Development](#)
- [Minor in Computer Science](#)
-
- [Minor in Data Analytics](#)
- [Minor in Game Development](#)
- [Minor in Information Technology](#)

List of Majors, Minors, and Certificates

[Data Management and IT Certificate](#)
[Level I Applied Computing Certificate](#)
[Level II Applied Computing Certificate](#)
[Web Development Certificate](#)

[Exercise Science and Athletic Training](#) 121

[Bachelor of Science in Exercise Science](#)
[Bachelor of Science in Exercise Science: Pre-Professional](#)
[Bachelor of Science in Exercise Science: Pre-Athletic Training](#)
[Bachelor of Arts in Physical Education](#)
[Bachelor of Arts with Teacher Certification in Physical Education- K-12](#)
[Associate of Arts in Physical Education](#)
[Minor in Physical Education](#)

[Geology and Environmental Science](#) 128

[Bachelor of Arts in Environmental Geology](#)
[Bachelor of Arts in Environmental Science](#)
[Bachelor of Arts in Environmental Studies](#)
[Bachelor of Arts in Geology](#)
[Bachelor of Science in Geology](#)
[Associate of Arts in Geology](#)
[Minor in Geology](#)

[Honors Program](#) 133

[Humanities](#) 134

[Bachelor of Arts in English](#)
[Bachelor of Arts with Teacher Certification in English-Secondary Education](#)
[Bachelor of Arts in History](#)
[Bachelor of Arts with Teacher Certification in History-Secondary Education](#)
[Bachelor of Arts in Japanese Studies](#)
[Bachelor of Arts with Teacher Certification in Japanese- K-12 and Secondary Education](#)
[Bachelor of Arts in Spanish](#)
[Bachelor of Arts with Teacher Certification in Spanish- K-12 and Secondary Education](#)
[Bachelor of Arts in Leadership](#)
[Bachelor of Arts in Philosophy](#)
[Bachelor of Arts in Religion](#)
[Bachelor of Arts with Teacher Certification in Psychology-Secondary Education](#)
[Associate of Arts in English](#)
[Associate of Arts in History](#)
[Associate of Arts in German](#)
[Associate of Arts in Japanese Studies](#)
[Associate of Arts in Spanish](#)
[Associate of Arts in Spanish for the Professions](#)

[Associate of Arts in Philosophy](#)
[Associate of Arts in Religion](#)

[Minor in English](#)
[Minor in Journalism](#)
[Minor in History](#)
[Minor in German](#)
[Minor in Japanese Studies](#)
[Minor in Spanish](#)
[Minor in Spanish for the Professions](#)
[Minor in Ethics](#)
[Minor in Leadership](#)
[Minor in Philosophy](#)
[Minor in Religion](#)

[Mathematics](#) 159

[Bachelor of Arts in Mathematics](#)
[Bachelor of Arts in Mathematics- Actuarial Science](#)
[Bachelor of Arts with Teacher Certification in Mathematics-Elementary and Secondary Education](#)
[Minor in Mathematics](#)

[Performing Arts](#) 161

[Bachelor of Arts in Theatre](#)
[Bachelor of Arts in Musical Theatre](#)
[Bachelor of Music Education with Teacher Certification in Music- K-12 Education](#)
[Bachelor of Music in Performance](#)
[Bachelor of Arts in Music](#)
[Bachelor of Arts in Music: Pre-Professional Program in Pre-Music Therapy](#)
[Associate of Arts in Theatre](#)
[Associate of Arts in Dance](#)
[Minor in Theatre](#)
[Minor in Dance](#)
[Minor in Music](#)
[Minor in Commercial Music](#)

[Physics](#) 169

[Bachelor of Arts in Physics](#)
[Bachelor of Arts with Teacher Certification in Physics-Secondary Education](#)
[Bachelor of Science in Physics](#)
[Associate of Arts in Physics](#)
[Minor in Physics](#)

[Political Science](#) 172

[Bachelor of Arts in International Studies](#)

List of Majors, Minors, and Certificates

[Bachelor of Arts in Political Science](#)
[Bachelor of Arts in Public Administration](#)

[Associate of Arts in International Studies](#)
[Associate of Arts in Political Science](#)
[Minor in International Studies](#)
[Minor in Military Science](#)
[Minor in Political Science](#)
[Minor in Public Administration](#)

Psychology 179
[Bachelor of Psychology](#)
[Associate of Arts in Psychology](#)
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Social Work 170
[Bachelor of Social Work](#)
[Minor in Social Work](#)

Sociology, Criminal Justice, and Women & Gender Studies 172
[Bachelor of Arts in Sociology](#)
[Bachelor of Arts in Criminal Justice](#)
[Associate of Arts in Sociology](#)
[Associate of Arts in Criminal Justice](#)
[Minor in Sociology](#)
[Minor in Criminal Justice](#)
[Minor in Women's and Gender Studies](#)

Teacher Education 175
[Bachelor of Arts with Teacher Certification in Integrated Science- Elementary and Secondary Education](#)
[Bachelor of Arts with Teacher Certification in Language Arts- Elementary Education](#)
[Bachelor of Arts with Teacher Certification in Social Studies- Elementary and Secondary Education](#)
[Bachelor of Arts in Early Childhood Development](#)
[Bachelor of Arts in Health and Physical Education](#)
[Bachelor of Arts in Mathematics](#)
[Bachelor of Arts in English Language](#)
[Bachelor of Education](#)
[Minor in Early Childhood Development](#)
[Minor in Early Childhood Education Planned Program](#)
[Minor in Elementary Education Planned Program](#)
[Minor in Health Education](#)
[Future Educators Certificate](#)

Accountancy, Business, and Economics

Mission Statement

In a professional, supportive work environment that encourages interdependency and sharing of individual student insight, the Department of Accountancy, Business and Economics strives to offer highly competitive programs that develop a high degree of corporate, business and functional strategy competency, emphasize the critical nature of the changing global economy, as well as fostering a commitment to ethical behavior and lifelong learning. Stressing the rational decision-making model while developing a high level of communication and teamwork skill, emphasis is placed on the generation of relevant information and the use of the critical and creative thinking skills that will satisfy an organization's economic, social and political stakeholders.

Bachelor of Arts in Business Administration

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100 or MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)

MKTG230 Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104 or MATH115	Finite Mathematics (3) Pre-Calculus (4) (Or higher Mathematics)
MATH 204 or MATH314	Elementary Statistics (3) Mathematical Prob. & Stat. (3)

Accountancy/Business Electives (6 hours)

6 semester hours of electives from accounting or business courses or from courses in other departments approved for business credit. ECON courses do not serve as elective credits required.

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Arts in Cybersecurity Management

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Major Core (39 Hours)

BUS101	Introduction to Business (3)
BUS242	Business and Professional Communication (3)
BUS305	Business Law (3)
CYM170	Introduction to Cybersecurity (3)

Art and Design

CYM270	Cybercrime and Governance (3)
CYM370	Modern Cybersecurity (3)
CYM371	Network and System Security (3)
CYM372	Cyber Forensics (3)
CYM470	Capstone: Ethical Hacking (3)
MGMT243	Organizational Behavior (3)
MGMT342	Information Technology & Project Management (3)

MKTG230	Marketing (3)
MKTG339	Social Media Marketing (3)

Major Cognates (18 hours)

CS103	Programming for Everyone I (3)
CS104	Programming for Everyone II (3)
CS221	Introduction to Information Technology Systems (3)
CS224	Network Technology and Telecommunication (3)
CS 241	Cloud Computing Foundations (3)
PSYC100	General Psychology (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Arts in International Business

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

International Business Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)

BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

International Business Electives (9 hours)

Choose 9 hours required from the following:

FIN314	International Financial Management (3)
MGMT344	Human Resource Management (3)
MGMT443	Supply Chain Management (3)
MKTG337	International Marketing (3)

International Business Cognate Core (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104 or MATH115	Finite Mathematics (3) Pre-Calculus (4) (or higher Mathematics)
MATH204 or MATH314	Elementary Statistics (3) Mathematical Prob. & Stat. (3)

International Business Language Cognate (6-8 hours)

Language proficiency at the intermediate level: MLCX200 level equivalency (6-8 hours)

International Business Cognate Electives (12 hours)

Choose 12 hours required from the following:

ECON319	International Economics (3)
ECON223	Economics of Developing Countries (3)
ECON315 or PSCI315	Globalization (3) Globalization (3) *
ESS104	Regional Geography (3)
PSCI136	International Relations (3)
MLCG351 or MLCG215	Professional Portfolio (3) * Professional Spanish (3) *
HIST124	Global History II (3)
AHIS200	Global Art History (3)

And/or a maximum of 3 credits from the following:

HIST111	Islamic Civilization (3)
HIST130	Chinese History I (3)
HIST131	Chinese History II (3)
HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)
MLCG331	Nazi Propaganda (3)
MLCG332	Holocaust and Memory (3)

Art and Design

**Courses marked with an asterisk have prerequisite or requisite requirements.*

International Business Study Abroad Cognate (3 hours)

International Business majors are required to spend a summer or semester abroad in a Study Abroad program, foreign language study program or complete a foreign business internship (3 credit hours or more).

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

In addition to the minimum requirements satisfied, International Business majors are encouraged to take courses in one functional area of business (marketing, management, finance, or accounting).

Bachelor of Business Administration in Accounting (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)

FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104 or MATH115	Finite Mathematics (3) Pre-Calculus (4) (Or higher Mathematics)
MATH204 or MATH314	Elementary Statistics (3) Mathematical Prob. & Stat. (3)

Accounting Core (21 hours)

ACCT301	Intermediate Accounting I (3)
ACCT302	Intermediate Accounting II (3)
ACCT311	Managerial Cost Accounting (3)
ACCT313	Federal Income Tax Accounting (3)
ACCT412	Auditing (3)
ACCT414	Accounting Systems and Controls (3)
ACCT416	Advanced Accounting (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

CPA Examination and Licensure

Upon graduation, Adrian College accounting graduates with the Bachelor of Business Administration in Accounting are eligible to take the Uniform Certified Public Accounting Examination in the state of Michigan. Students wishing to sit for the examination in other jurisdictions will need to reach 150 credit hours before sitting for the examination. Michigan candidates will still need to reach 150 credit hours before being certified, but may sit for the exam at the completion of the B.B.A. in Accounting.

Students may achieve the 150 credit hour requirements through a variety of methods. Students may choose to double major or take additional business courses for credit as an undergraduate student. Additionally, Adrian College offers a 30 credit Master of Science in Accountancy program. See the graduate catalog for further details on the Master of Science in Accountancy.

Bachelor of Business Administration in Entrepreneurial Studies (124 hours)

Skills / Distribution Requirements (41-45 hours)

Art and Design

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104	Finite Mathematics (3)
or MATH115	Pre-Calculus (4) (or higher Mathematics)
MATH204	Elementary Statistics (3)
or MATH314	Mathematical Prob. & Stat. (3)

Entrepreneurial Studies Core (18 hours)

ENTR250	Fundamentals of Entrepreneurship (3)
ENTR351	The Entrepreneurial Experience (3)
ENTR352	Evolution of Entrepreneurship (3)
ENTR455	Entrepreneurial Practicum (3)
FIN413	Entrepreneurial Finance (3)
MKTG339	Social Media Marketing (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Business Administration **in Event Planning and Facility Management** (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104	Finite Mathematics (3)
or MATH115	Pre-Calculus (4) (or higher Mathematics)
MATH204	Elementary Statistics (3)
or MATH314	Mathematical Prob. & Stat. (3)

Event Planning and Facility Management Core (15 hours)

Choose 15 credit hours required from the following:

EVNT290	Event Planning Principles (3)
EVNT390	Event Production/Operations Management (3)
EVNT391	Event Risk Management (3)
EVNT392	Convention and Trade Show Operations (3)

Art and Design

MGMT342	Information Technology and Project Management (3)
MKTG333	Advertising and Promotion Management (3)
SMGT364	Facility Planning and Management (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Business Administration in Fashion Merchandising and Marketing (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
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ECON202	Principles of Macroeconomics (3)
MATH104 or MATH115	Finite Mathematics (3) Pre-Calculus (4) (Or higher Mathematics)
MATH204 or MATH314	Elementary Statistics (3) Mathematical Prob. & Stat. (3)

Fashion Merchandising and Marketing Core (18 hours)

FASH270	Introduction to Fashion Merchandising (3)
FASH371	Textiles (3)
FASH372	Visual Merchandising and Fashion Promotion (3)
FASH373	Product Development and Assortment Planning (3)
FASH374	Evolution of Fashion (3)
FASH399	Professional Internship (3)

Fashion Merchandising and Marketing Cognates (3 hours)

Choose 3 credit hours required from the following:

ART228	Graphic Design I (3)
JRN350	Fashion Journalism (3)
ESS325	Environmental Problems & Solutions (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Business Administration in Finance (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Art and Design

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104	Finite Mathematics (3)
or MATH115	Pre-Calculus (4) (Or higher Mathematics)
MATH204	Elementary Statistics (3)
or MATH314	Mathematical Prob. & Stat. (3)

Finance Core (15 hours)

Choose 15 credit hours required from the following:

ECON301	Economics of Money and Banking (3)
FIN302	Financial Markets and Institutions (3)
FIN311	Investments and Securities Analysis (3)
FIN314	International Financial Management (3)
FIN410	Advanced Managerial Finance (3)
FIN413	Entrepreneurial Finance (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Business Administration in Health Care Management (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)

MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104	Finite Mathematics (3)
or MATH115	Pre-Calculus (4) (Or higher Mathematics)
MATH204	Elementary Statistics (3)
or MATH314	Mathematical Prob. & Stat. (3)

Health Care Management Core (18 hours)

HCA281	Introduction to Health Care in the U.S. (3)
HCA386	Health Care Management Practicum I (3)

Choose 12 credit hours required from the following:

HCA381	Financing Health Care (3)
HCA383	Health Care Outcomes & Quality (3)
HCA384	Health Care Law, Regulation, and Policy Setting (3)
HCA385	Health and Society: Introduction to Public Health (3)
HCA486	Health Care Management Practicum II (3)
HCA480	Health Care Transformation (3)
MGMT330W	Non-profit Organization (3)

General Elective

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours

Art and Design

- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Business Administration in Human Resource Management

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104 or MATH115	Finite Mathematics (3) Pre-Calculus (4) (or higher Mathematics)
MATH204 or MATH314	Elementary Statistics (3) Mathematical Prob. & Stat. (3)

Human Resource Management Core (15 hours)

MGMT344	Human Resource Management (3)
MGMT360	Employment and Labor Law (3)
MGMT361	Total Compensation Management (3)
MGMT362	Human Resource Risk Management (3)
MGMT460	Training and Development (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Business Administration in Management

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104 or MATH115	Finite Mathematics (3) Pre-Calculus (4) (Or higher Mathematics)
MATH204 or MATH314	Elementary Statistics (3) Mathematical Prob. & Stat. (3)

Art and Design

Management Core (15 hours)

Choose 15 credit hours required from the following:

ACCT311	Managerial Cost Accounting (3)
ENTR352	Evolution of Entrepreneurship (3)
MGMT330W	Non-profit Organization (3)
MGMT342	Inform. Tech. & Project Management (3)
MGMT343	Production & Operations Management (3)
MGMT344	Human Resource Management (3)
MGMT347	Management of Multinational Firms (3)
MGMT443	Supply Chain Management (3)
MKTG335	Sales Management (3)

General Elective

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Business Administration **in Marketing** (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100 or MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)

BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104 or MATH115	Finite Mathematics (3) Pre-Calculus (4) (Or higher Mathematics)
MATH204 or MATH314	Elementary Statistics (3) Mathematical Prob. & Stat. (3)

Marketing Core (18 hours)

MKTG339	Social Media Marketing (3)
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Choose 15 credit hours required from the following:

MKTG331	Marketing Research (3)
MKTG332	Consumer Behavior (3)
MKTG333	Advertising and Promotions Management (3)
MKTG334	Retailing (3)
MKTG335	Sales Management (3)
MKTG337	International Marketing (3)
MKTG338	Brand Management (3)
SMGT362	Sports Marketing (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Business Administration **in Professional Sales** (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/	Math Skills (4)

Art and Design

MATH101	
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104	Finite Mathematics (3)
or MATH115	Pre-Calculus (4) (Or higher Mathematics)
MATH204	Elementary Statistics (3)
or MATH314	Mathematical Prob. & Stat. (3)

Professional Sales Core (15 hours)

MKTG335	Sales Management (3)
MKTG339	Social Media Marketing
MKTG340	Relationship-Driven Professional Selling (3)
MKTG341	Negotiation and Sales in Business (3)
MKTG350	Email Marketing (3)

Professional Sales Electives (3 hours)

Choose 3 credit hours required from the following:

MKTG331	Marketing Research
MKTG332	Consumer Behavior (3)
MKTG333	Advertising and Promotions Management (3)
MKTG440	Advanced Relationship-Driven Professional Selling (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Business Administration

In Project Management

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
BUS305	Business Law I (3)
BUS346	Social, Political & Ethical Issues in Business (3)
BUS449	Capstone: Strategic Management (3)
FIN310	Managerial Finance (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104	Finite Mathematics (3)
or MATH115	Pre-Calculus (4) (Or higher Mathematics)
MATH204	Elementary Statistics (3)
or MATH314	Mathematical Prob. & Stat. (3)

Project Management Core (15 hours)

MGMT343	Production and Operations Management (3)
MGMT370	Introduction to Project Management (3)
MGMT371	Project Planning (3)
MGMT372	Project Execution, Monitoring & Control, Implementation & Closure (3)

Art and Design

MGMT470 Advanced Project Management
Practicum (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Business Administration in Sports Management

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100 Introduction to College Writing (3)
CCC101 College Writing and Inquiry (3)
CCC102 Public Speaking (3)
XXXX ART (3)
ESAT 100 Fitness / Wellness (2)
XXXX Humanities (3-4)
MLCX101 Language Requirement I (4)
MLCX 102 Language Requirement II (4)
MATH100/
MATH101 Math Skills (4)
XXXX Natural Science (3-4)
XXXX Cross Cultural Studies (3)
RELG/PHIL Religion / Philosophy (3)
ECON201 Principles of Microeconomics (3)
XXXX WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203 Principles of Accounting I (3)
ACCT204 Principles of Accounting II (3)
BUS101 Introduction to Business (3)
BUS242 Business & Professional Comm. (3)
BUS305 Business Law I (3)
BUS346 Social, Political & Ethical Issues in
Business (3)
BUS449 Capstone: Strategic Management (3)
FIN310 Managerial Finance (3)
MGMT243 Organizational Behavior (3)
MKTG230 Marketing (3)

Business Major Cognates (12-13 hours)

ECON201 Principles of Microeconomics (3)
ECON202 Principles of Macroeconomics (3)
MATH104 Finite Mathematics (3)
or MATH115 Pre-Calculus (4)
(or higher Mathematics)
MATH 204 Elementary Statistics (3)
or MATH314 Mathematical Prob. & Stat. (3)

Sports Management Core (15 hours)

SMGT261 Introduction to Sports Management (3)
SMGT362 Sports Marketing (3)
SMGT363 Legal and Ethical Issues in Sport (3)
SMGT364 Facility Planning and Management (3)
SMGT369 Professional Sports Management
Internship (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**Courses marked with an asterisk have pre-requisites.*

Bachelor of Business Administration in Supply Chain Management

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100 Introduction to College Writing (3)
CCC101 College Writing and Inquiry (3)
CCC102 Public Speaking (3)
XXXX ART (3)
ESAT 100 Fitness / Wellness (2)
XXXX Humanities (3-4)
MLCX101 Language Requirement I (4)
MLCX 102 Language Requirement II (4)
MATH100/
MATH101 Math Skills (4)
XXXX Natural Science (3-4)
XXXX Cross Cultural Studies (3)
RELG/PHIL Religion / Philosophy (3)
ECON201 Principles of Microeconomics (3)
XXXX WAC – Writing Intensive (3)

Business Major Core (30 hours)

ACCT203 Principles of Accounting I (3)
ACCT204 Principles of Accounting II (3)
BUS101 Introduction to Business (3)
BUS242 Business & Professional Comm. (3)
BUS305 Business Law I (3)
BUS346 Social, Political & Ethical Issues in
Business (3)
BUS449 Capstone: Strategic Management (3)
FIN310 Managerial Finance (3)
MGMT243 Organizational Behavior (3)
MKTG230 Marketing (3)

Art and Design

Business Major Cognates (12-13 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
MATH104 or MATH115	Finite Mathematics (3) Pre-Calculus (4) (Or higher Mathematics)
MATH204 or MATH314	Elementary Statistics (3) Mathematical Prob. & Stat. (3)

Supply Chain Management Core (18 hours)

Choose 18 credit hours required from the following:

MGMT342	Inform. Tech. & Project Management (3)
MGMT343	Production & Operations Management (3)
MGMT351	Supply Chain Management I: Forecasting & Logistics (3)
MGMT352	Supply Chain Management II: Sourcing & Operations (3)
MGMT353	Supply Chain Management III: Simulation (3)
MGMT354	Supply Chain Management Technologies (3)
MGMT355	Supply Chain in Action (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Science in

Emergency Management and Disaster Planning

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Emergency Man. & Disaster Planning Core (33 hours)

ACCT203	Principles of Accounting I (3)
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ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
HCA161	Introduction to Emergency and Disaster Management (3)
HCA262	Socio-Economic Dimensions of Disasters (3)
HCA363	Emergency and Disaster Management Planning (3)
HCA464	Global Health & Crisis Management (3)
HCA465	Post Disaster Resilience & Recovery (3)
HCA486	Health Care Management Practicum II (3)
MGMT243	Organizational Behavior (3)

Emergency Man. & Disaster Planning Cognates (24-25 hours)

ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
ECON310	Public Finance (3)
ECON321	Intermediate Microeconomics (3)
MATH104 or MATH115	Finite Mathematics (3) Pre-Calculus (4) (Or higher Mathematics)
MATH204 or MATH314	Elementary Statistics (3) Mathematical Prob. & Stat. (3)
PSC1102	State and Local Government (3)
SOC104	Introduction to Sociology (3)

Choose 6 additional hours required from the following:

COMM110	Survey of Mass Communication (3)
GEOL108	Natural Disasters (4)
HCA385	Health & Society: Introduction to Public Health (3)
LDRS360	Leadership and Ethics (3)
PSCI205	Introduction to Public Policy (3)
PSCI206	Global Health Policy (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Arts in Leadership

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)

Art and Design

XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Leadership Core (15 hours)

LDRS160	Philosophy of Leadership (3)
LDRS 310	Adaptive Leadership
LDRS 311	Advanced Leadership/Experiential Project
LDRS360	Leadership and Ethics (3)
LDRS400	Senior Thesis (3)

Leadership Cognates (6 hours)

Choose 3 hours required from the following
(Skills-oriented):

BUS242	Business and Professional Communications (3)
BUS346	Social, Political, and Ethical Issues in Business (3) *
COMM330	Intercultural Communications (3) *
COMM342	Organizational Communication (3) *
ENGL201	Persuasive Writing (3)
MGMT243	Organizational Behavior (3) *
SMGT463	Legal and Ethical Issues in Sport (3) *
WGS329	Feminist Theory (3) *

Choose 3 hours required from the following
(Context-oriented):

HIST241	History of Slavery (3)
HIST246	Refugees in Modern History (3)
HIST314	History of the Modern Middle East (3) *
HIST321	Perspectives on Nazi Germany (3) *
HIST355	History and Memory of the Atomic Bombings (3) *
SOC303	Race and Ethnic Relations (3)
SOCW325	Diversity, Inequality, Privilege, and Oppression (4) *

Leadership Electives (9 hours)

Choose 9 hours required from the following:
(at least 6 hours must be at the 300-level or above)

LDRS300	Topics in Leadership (3)
LDRS364	Leadership in Language (3)
LDRS365	Leadership and Social Movements (3)

LDRS367	Ethical Organization and Leadership (3)
LDRS368	Feminist Models of Leadership (3)
LDRS370	Leadership Capabilities (3)
PHIL104	Introduction to Ethics (3)
PHIL105	Logic (3)
WGS129	Introduction to Women's and Gender Studies (3)

General Electives

General elective credit hours will vary dependent upon
the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of
coursework at the 300- or 400-level

**Courses marked with an asterisk have prerequisites.*

Bachelor of Science in Public Health

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
ECON201	Principles of Microeconomics (3)
XXXX	WAC – Writing Intensive (3)

Public Health Core (33 hours)

HCA100	History of Public Health (3)
HCA281	Introduction to Health Care in the U.S. (3)
HCA287	Health Education and Communication Strategies (3)
HCA290	Health Services (3)
HCA300	Epidemiology (3)
HCA301	Health Economics (3)
HCA384	Health Care Law, Regulation, and Policy Setting (3)
HCA386	Health Care Management Practicum I (3)
HCA400	Public Health Studies I: Current Topics and Politics (3)

Art and Design

HCA401	Public Health Studies II: Demographics, Geospatial Mapping and Qualitative Research (3)
MGMT330W	Non-profit Organization (3)

Public Health Cognates (25-26 hours)

ECON202	Principles of Macroeconomics (3)
BIOL101	Biology and Society (4)
MATH104 or MATH115	Finite Mathematics (3) Pre-Calculus (4)
MATH204	Elementary Statistics (3)
PSCI206	Global Health Policy (3)
SOC104	Introduction to Sociology (3)
SOC381	Sociological Theory (3)
SOC385	Social Research Methods (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Associate of Arts in Business Administration

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Business Associate's Core (15 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Accountancy/Business Electives (12 hours)

12 semester hours of electives from accounting or business courses or from courses in other departments approved for business credit.

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

ECON courses do not count towards the elective credits required above.

Minor in Business Administration

(21 hours)

Business Minor Core (15 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
BUS101	Introduction to Business (3)
MGMT243	Organizational Behavior (3)
MKTG230	Marketing (3)

Accountancy/Business Minor Electives (6 hours)

6 semester hours of electives from accounting or business courses or from courses in other departments approved for business credit.

ECON courses do not count towards the elective credits required.

Minor in Cybersecurity Management

(18 hours)

CYM 170	Introduction to Cybersecurity (3)
CYM 270	Cybersecurity and Governance (3)
CYM 370	Modern Cybersecurity (3)
CYM 371	Network and System Security (3)
CYM 372	Cyber Forensics (3)
CYM 470	Capstone-Ethical Hacking (3)

Minor in Emergency Management and Disaster Planning

(18 hours)

HCA161	Introduction to Emergency and Disaster Management (3)
HCA262	Socio-Economic Dimensions of Disasters (3)

Art and Design

HCA363	Emergency and Disaster Management Planning (3)
HCA464	Global Health & Crisis Management (3)
HCA465	Post Disaster Resilience & Recovery (3)
SOC104	Introduction to Sociology (3)

Minor in Entrepreneurial Studies

(19 credits)

Entrepreneurial Studies Minor Core (19 hours)

BUS101	Introduction to Business (3)
BUS242	Business and Professional Communications (3)
ENTR250	Fundamentals of Entrepreneurship (3)
ENTR251	Entrepreneurial Speaker Series (1)
ENTR351	The Entrepreneurial Experience (3)
MKTG230	Marketing (3)
MKTG339	Social Media Marketing (3)

Minor in eSports Management

(21 hours)

E Sports Management Minor Core (18 hours)

SMGT101	Introduction to eSports Management (3)
SMGT111	Introduction to Games (3)
EVNT290	Event Planning Principles (3)
MKTG230	Marketing (3)
SMGT301	Distribution of Games (3)
SMGT362	Sports Marketing (3)

Minor in Health Care Industry

(18 hours)

Health Care Industry Minor Core (18 hours)

HCA281	Health Care in the U.S. (3)
HCA381	Financing Health Care (3)
HCA383	Health Care Outcomes & Quality (3)
HCA384	Health Care Law, Regulation, and Policy Setting (3)
HCA385	Health and Society; Introduction to Public Health (3)
HCA480	Healthcare Transformation (3)

Minor in Leadership

(18 hours)

Leadership Minor Core (12 hours)

LDRS160	Philosophy of Leadership (3)
LDRS360	Leadership and Ethics (3)

LDRS300	Topics in Leadership (3)
LDRS310	Adaptive Leadership (3)
LDRS 311	Advanced Leadership/Experiential Project (3)
LDRS 312	Leadership and Warrior Codes (3)
LDRS 313	Team Leadership (3)
LDRS 314	Professional Life Skills (3)
LDRS 315	Leadership and Influence Skills (3)
LDRS364	Leadership in Language (3)
LDRS365	Leadership and Social Movements (3)
LDRS367	Ethical Organization and Leadership (3)
LDRS368	Feminist Models of Leadership (3)
LDRS370	Leadership Capabilities (3)

Leadership Electives 6 hours

Choose 6 hours required from the following:

BUS346	Social, Political, and Ethical Issues in Business (3) *
COMM205	Public Relations I: Introduction to Public Relations (3) *
COMM330	Intercultural Communication (3) *
COMM342	Organizational Communication (3) *
ENGL201	Persuasive Writing (3)
ENGL240	Special Topics in Writing (3)
ENTR250	Fundamentals of Entrepreneurship (3)
HIST241	History of Slavery (3)
HIST246	Refugees in Modern History (3)
HIST314	History of the Modern Middle East (3) *
HIST321	Perspectives on Nazi Germany (3) *
HIST355	History and Memory of the Atomic Bombings (3) *
PHIL105	Logic (3)
PHIL331	Philosophy of Law (3) *
PHIL344	Biomedical Ethics (3) *
PSCI101	American Federal Government (3)
PSCI102	State and Local Government (3)
PSCI136	International Relations (3)
PSCI205	Introduction to Public Policy (3)
PSCI250	United State Foreign Policy (3)
PSCI285	Congress and Presidents (3)
PSCI405	Political Behavior (3) *
SOC104	Introduction to Sociology (3)
SOC303	Race and Ethnic Relations (3) *
SCJ361	Police and Urban Society (3) *
SCJ396	Constitutional Law I: Powers of Government (3) *
SCJ397	Constitutional Law II: Individual Liberties (3) *
SMGT463	Legal and Ethical Issues in Sport (3) *
SOCW200	Foundations of Social Work (4)
SOCW330	Human Behavior in the Social Environment (4) *

Choose 6 hours required from the following:

Art and Design

**Courses marked with an asterisk have prerequisites.*

Minor in Project Management

(18 hours)

BUS101	Introduction to Business (3)
BUS242	Business & Professional Comm. (3)
MGMT370	Introduction to Project Management (3)
MGMT371	Project Planning (3)
MGMT372	Project Execution, Monitoring & Control, Implementation & Closure (3)
MGMT470	Advanced Project Management Practicum (3)

Minor in Public Health

(24 hours)

Public Health Minor Core (21 hours)

HCA100	History of Public Health (3)
HCA281	Introduction to Health Care in the U.S. (3)
HCA287	Health Education and Communication Strategies (3)
HCA290	Health Services (3)
HCA300	Epidemiology (3)
HCA301	Health Economics (3)
HCA400	Public Health Studies I: Current Topics and Politics (3)

Public Health Minor Cognates (3 hours)

ECON202	Macroeconomics (3)
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Certificate in Digital Marketing and Analytics

(22 hours)

Digital Marketing and Analytics Core (16 hours)

CIS201	Introduction to Data Science (3)
CIS201L	Introduction to Data Science Lab (1)
CS103	Programming for Everyone I (3)
MKTG230	Marketing (3)
MKTG339	Social Media Marketing (3)
MKTG352	Digital Marketing Analytics (3)

Digital Marketing and Analytics Electives (6 hours)

Choose 6 hours required from the following:

MKTG350	Email Marketing (3) *
MKTG351	Search Engine Optimization/ Search Engine Marketing (SEO/SEM) (3)
MKTG353	Viral & Organic Growth (3)

**Courses marked with an asterisk have pre-requisites.*

Certificate of Accounting (15 hours)

Level 1 (9 credit hours)

ACCT 203	Principles of Accounting I (3)
ACCT 240	Principles of Accounting II (3)
ACCT 225	Accounting Information Technology (3)

Level 2 (6 credit hours)

Choose one of the following tracks:

Track 1

ACCT 311	Managerial Cost Accounting (3)
ACCT 414	Accounting Information Systems (3)

Track 2

ACCT 313	Federal Income Tax (3)
ACCT 422	Corporate Tax (3) or
ACCT 415	Pass Through Entities and Advanced Taxation (3)

Certificate in Financial Planning

(23 hours)

CFP101	Introduction to the CFP Credential (1)
CFP301	Principles of Financial Planning (3)
CFP302	Risk Management and Insurance Planning (3)
CFP303	Investment Planning (3)
CFP304	Tax Planning (3)
CFP305	Retirement Savings and Income Planning (3)
CFP306	Estate Planning (3)
CFP307	Financial Plan Development Capstone (3)
CFP309	CFP Examination Preparation (1)

Note: This academic program meets the education coursework requirements of the CFP board. These requirements must be completed prior to sitting for the CFP examination. Completion of this academic program does not provide the CFP professional credential. Professional certification as a CFP can be obtained only after completing the education requirements, passing the CFP examination, and completing the work experience requirement. Professional certification as a CFP is granted through the CFP Board only.

Art and Design

Certificate in Project Management

(15 hours)

BUS101 Introduction to Business (3)
BUS242 Business and Professional Communication (3)
MGMT370 Introduction to Project Management (3)
MGMT371 Project Planning (3)
MGMT372 Project Execution, Monitoring & Control,
Implementation & Closure (3)

economics minor, even though the major and minor are from the same department.

Economics

Mission Statement

The study of economics provides a basis for diverse applications. For those seeking placement directly upon graduation, career opportunities exist in business and government involving management, administration, research, development and forecasting. Economics provides excellent preparation for graduate study in economics itself, or in business, law, public administration and other areas.

A minor in Economics complements a major in many academic disciplines.

Minor in Economics

(18 hours)

Economics Minor Core (12 hours)

ECON201 Principles of Microeconomics (3)
ECON202 Principles of Macroeconomics (3)
ECON320 Intermediate Macroeconomics (3)
ECON321 Intermediate Microeconomics (3)

Economics Minor Electives (6 hours)

Choose 6 credits required from the following:

ECON223 Economics of Developing Countries (3)
ECON301 Economics of Money and Banking (3)
FIN302 Financial Markets and Institutions (3)
ECON303 Quantitative Methods in Economics (3)
ECON305 Political Economy (3)
ECON310 Public Finance (3)
ECON311 Topics in Economics (1-4)
ECON315 Globalization
ECON317 Collective Bargaining and Labor
Problems (3)
ECON319 International Economics (3)
ECON322 Econometrics (3)
ECON325 Behavioral Economics (3)

A student majoring in the Accountancy/Business/
Economics department will not be barred from adding an

Art and Design

Mission Statement

The Department of Art and Design welcomes students into a close-knit, supportive community where creative and intellectual growth flourishes in the visual arts. At our core is an experienced group of accomplished artists dedicated to guiding students through the challenges of developing their own creative voices. Our faculty takes an individualized approach to teach students the skills necessary to become perceptive, analytical, and adaptive artists.

Our program includes Graphic Design, 2-Dimensional Design, 3-Dimensional Design, Drawing, Painting, Ceramics, Photography, Web Design, Video, Sculpture, Printmaking, and Art History. It also includes Art Education and Pre-Art Therapy. In the course of their study students develop an interdisciplinary view of making art. They are encouraged to experiment, practice, and learn through their own experience. This process helps to foster a sense of understanding and appreciation for all creative disciplines.

Students cultivate, through their passion for art, innovative approaches to problem solving. Their dynamic studio environment helps foster an understanding of their relationship to the world while guiding them toward being compassionate, responsible people. Our goal is to prepare artists for a global community where they can envision and bring about new opportunities to practice creativity and life-long learning.

Course Fees

A modest course fee will be charged in most Art and Design courses in order to cover the cost of course resources.

Studio Art

The studio program offers a foundation in artistic production and visual thinking. Studio majors are offered a wide range of experience in various media, introduced to the history of art and contemporary theory, and challenged to develop individual expressive languages.

There are three-degree options in studio art. The Bachelor of Fine Arts degree is for students who wish to pursue careers in specialized art fields or graduate study (Master of Fine Arts) which would qualify them to teach at the college level. The Bachelor of Arts option provides a general level of experience and appreciation in art while allowing students to major or minor in another field of study. The Bachelor of Fine Arts with Teacher Certification is for students planning on art education careers.

All students majoring in studio art must participate in assessment critiques their junior year, first semester of the senior year, and during the senior exhibition in the spring semester. Senior exhibition is required. (ART100, ART101, ART102 and ART103 must be completed before the junior critique.) Students pursuing the BFA must be accepted into the program via the junior critique and must receive approval of the studio faculty by the end of their junior year.

Graphic Design

The graphic design program prepares students for industry careers through concentration on the print and front-end web design elements of the graphic design field. There are two-degree options in graphic design. The Bachelor of Arts degree is for students interested in becoming entry-level professional graphic designers, and it allows students to major or minor in another field of study. The Bachelor of Fine Arts degree is recommended for students interested in pursuing an MFA in Graphic Design or similar degree in graduate school.

Students majoring in Studio Art or Graphic Design have pursued careers as game designers, graphic designers, web designers, art therapists, art directors, professional artists, arts administrators, educators, craft artists, product designers, multi-media artists, museum and gallery curators, art writers, video editors, video producers, professional photographers, make-up artists, illustrators, photo editors, art historians, animators, freelance artists, and many other fields that demand a high degree of critical thinking, problem solving, software skills, and creative ability.

Interior Design

A Liberal Arts education is the best preparation for students in a changing world. We must cultivate in students the ability to think critically and creatively and to develop the ability to make sound judgments based on valid information and concern for the health, safety and welfare of people through education and research. Applying interdisciplinary knowledge from users and experts in other disciplines promotes both team collaboration and good design solutions.

This degree program is based on the guidelines of the Council for Interior Design Accreditation. It is structured to produce a highly qualified graduate with the professional ability to enter directly into the interior design profession. Students develop a strong liberal arts background with emphasis on the principles of design and the history of architecture and interiors, designed to enable them to express creative concepts and ideas. An internship experience with an interior design or architectural firm is highly recommended to provide exposure to the available resources and to enhance future employment opportunities. An active Interior Design Organization provides additional opportunities as student members in professional organizations. Interior design majors may complete the program on campus or elect to spend a semester or summer studying abroad.

Portfolio reviews are required at the end of the sophomore year and each semester of the junior and senior years.

Pre-Architecture Program

Adrian College offers a Pre-Architecture program for students who plan on attending graduate school for Architecture and pursuing a career as an Architect. Students will graduate from Adrian College with a BS degree in Interior Design. They will also complete the following additional course work: ART100 and ART101, HIST 123 and HIST124; MATH135; PHIL105; PHYS101 and PHYS103. Articulation agreements are available to attend Washington University or Lawrence Technological University your senior year.

Pre-Art Therapy

See Pre-Professional Programs in the Academics section of the catalog.

Bachelor of Arts in Graphic Design

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100 Introduction to College Writing (3)

CCC101 College Writing and Inquiry (3)
 CCC102 Public Speaking (3)
 ART101 Two-Dimensional Design (3)
 ESAT 100 Fitness / Wellness (2)
 XXXX Humanities (3-4)
 MLCX101 Language Requirement I (4)
 MLCX 102 Language Requirement II (4)
 MATH100/
 MATH101 Math Skills (4)
 XXXX Natural Science (3-4)
 XXXX Cross Cultural Studies (3)
 RELG/PHIL Religion / Philosophy (3)
 XXXX Social Science Requirement (3-4)
 XXXX WAC – Writing Intensive (3)

Graphic Design Core (25 hours)

ART101 Two-Dimensional Design (3)
 ART102 Digital Foundations (3)
 ART219 Typography (3)
 ART228 Introduction to Graphic Design (3)
 ART290 Sophomore Art and Design Career Seminar (1)
 ART319 Front End Web Design (3)
 ART328 Graphic Design II (3)
 ART338 Graphic Design- Digital Media (3)
 ART475 Capstone: Graphic Design Portfolio Prep (3)

Graphic Design Cognates (12 hours)

AHIS200 Global Art History (3)
 AHIS202 Western Art History II: Renaissance through Contemporary (3) *
 COMM110 Survey of Mass Communication (3)
 or COMM330 Intercultural Communication (3)*
 MKTG230 Marketing (3)

Graphic Design Electives (9 hours)

Choose 9 hours required from the following:
 AHIS232 Representations of Gender in Art (3)
 AHIS301 Topics in Art History (3)
 AHIS333 Gay and Lesbian Art History (3)
 AHIS334 Photography and Identity (3)
 AHIS335 Architectural Studies (3)
 AHIS336 History of Modern Art (3) *
 AHIS337 Contemporary Art History (3) *
 ART100 Three-Dimensional Design (3)
 ART103 Drawing from Life (3)
 ART106 Introduction to Ceramics (3)
 ART201 Painting Foundations (3) *
 ART202 Painting Traditions (3) *
 ART203 Non-acid Intaglio Printmaking (3) *
 ART204 Relief Printmaking (3) *

Art and Design

ART205	Ceramics- Hand Building (3) *
ART206	Ceramics- Wheel Throwing (3) *
ART208	Metals (3)
ART209	Weaving and Fiber Construction (3)
ART210	Textile Design (3)
ART215	Beginning Photography (3) *
ART220	Sculpture (3) *
ART250	Drawing and Illustration (3) *
ART301	Advanced Printmaking (3) *
ART303	Figure Studies (3) *
ART305	Advanced Ceramics- Vessel (3) *
ART306	Advanced Ceramics- Sculpture (3) *
ART315	Intermediate Photography (3) *
ART320	Sculpture II (3) *
ART329	Video Art (3) *
ART355	Advanced Photography and Digital Video (3) *
CIS250	Advanced Web-Based Programming (3)
*	
CS110	Web Development (3) *
CS324	Operating Systems and Computer Networks (4) *

General Elective

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**Courses marked with an asterisk have prerequisites.*

Bachelor of Fine Arts in Graphic Design

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
ART101	Two-Dimensional Design (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Graphic Design Core (25 hours)

ART101	Two-Dimensional Design (3)
ART102	Digital Foundations (3)
ART219	Typography (3)
ART228	Introduction to Graphic Design (3)
ART290	Sophomore Art and Design Career Seminar (1)
ART319	Front End Web Design (3)
ART328	Graphic Design II (3)
ART338	Graphic Design- Digital Media (3)
ART475	Capstone: Graphic Design Portfolio Prep (3)

Graphic Design Cognates (15 hours)

AHIS200	Global Art History (3)
AHIS202	Western Art History II: Renaissance through Contemporary (3) *
AHIS337	Contemporary Art History (3) *
COMM110	Survey of Mass Communication (3)
or COMM330	Intercultural Communication (3) *
MKTG230	Marketing (3)

Graphic Design Electives (15 hours)

Choose 15 hours required from the following:

AHIS232	Representations of Gender in Art (3)
AHIS301	Topics in Art History (3)
AHIS333	Gay and Lesbian Art History (3)
AHIS334	Photography and Identity (3)
AHIS335	Architectural Studies (3)
AHIS336	History of Modern Art (3) *
ART100	Three-Dimensional Design (3)
ART103	Drawing from Life (3)
ART106	Introduction to Ceramics (3)
ART201	Painting Foundations (3) *
ART202	Painting Traditions (3) *
ART203	Non-acid Intaglio Printmaking (3) *
ART204	Relief Printmaking (3) *
ART205	Ceramics- Hand Building (3) *
ART206	Ceramics- Wheel Throwing (3) *
ART208	Metals (3)
ART209	Weaving and Fiber Construction (3)
ART210	Textile Design (3)
ART215	Beginning Photography (3) *
ART220	Sculpture (3) *
ART250	Drawing and Illustration (3) *
ART301	Advanced Printmaking (3) *
ART303	Figure Studies (3) *
ART305	Advanced Ceramics- Vessel (3) *
ART306	Advanced Ceramics- Sculpture (3) *
ART315	Intermediate Photography (3) *
ART320	Sculpture II (3) *
ART329	Video Art (3) *

Art and Design

ART355	Advanced Photography and Digital Video (3) *
CIS250 *	Advanced Web-Based Programming (3)
CS324	Operating Systems and Computer Networks (4) *

General Elective

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**Courses marked with an asterisk have prerequisites.*

Bachelor of Arts in Arts Management (124 hours and completion of a minor)

Students in Arts Management must minor in Art, Art History, Dance, Graphic Design, Music, or Theatre

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
SOC104	Introduction to Sociology (3)
XXXX	WAC – Writing Intensive (3)

Arts Management Core (18 hours)

ARTM101	Foundations in the Arts, Cultural, and Creative Industries (3)
ARTM200	Non-Profits and the Arts, Cultural, and Creative Industries (3)
ARTM350	Grant Writing (3)
ARTM399	Professional Internship (6)
ARTM400	Capstone (3)

Arts Management Cognates (33 hours)

BUS101	Introduction to Business (3)
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BUS242	Business and Professional Communication (3)
BUS305	Business Law I (3)
COMM205	Public Relations I: Introduction to Public Relations (3)
COMM314	Public Relations II: Campaign Writing & Management (3)
MKTG230	Marketing (3)

Choose 3 credits required from the following:

ENTR250	Fundamentals of Entrepreneurship (3)
EVNT290	Event Planning Principles (3)
MGMT243	Organizational Behavior (3) *
MKTG348	Brand Management (3) *
MKTG339	Social Media Marketing (3) *

Choose 3 credits required from the following:

COMM110	Survey of Mass Communication (3)
COMM209	Interpersonal Communication (3)

Choose 3 credits required from the following:

PSC102	State and Local Government (3)
SOC104	Introduction to Sociology (3)
SOC303	Race and Ethnic Relations (3) *

Art and Design

Choose an additional 3 credits in PSCI or SOC at the 300-400 level required from the following:

PSCI301	Special Topics in Political Science (3) *
PSCI302	Belize Field Experience (3)
PSCI305	Political Economy (3) *
PSCI315	Globalization (3) *
PSCI328	Politics in the Third World (3) *
PSCI331	Campaigns & Elections (3) *
PSCI351	European Politics (3) *
PSCI352	Central & East European Politics (3) *
PSCI370	Democratization (3) *
PSCI380	Democratic Theory (3) *
PSCI396	Constitutional Law I: Powers of Government (3)
PSCI397	Constitutional Law II: Individual Liberties (3)
PSCI405	Strategic Behavior (3) *
SOC307	Marriage & the Family (3) *
SOC308	Sex Discrimination & Violence Against Women (3) *
SOC309	Urban Sociology (3) *
SOC311	Class, Status & Power (3) *
SOC350	Selected Topics in Sociology (2-4) *
SOC381	Sociological Theory (3) *
SOC385	Social Research Methods (3) *
SOC405	Critical Theory of Society (3) *

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**Courses marked with an asterisk have prerequisites.*

Bachelor of Arts in Studio Art

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
ART101	Two-Dimensional Design (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/	Math Skills (4)

MATH101	
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Art and Design Major Core (13 hours)

ART100	Three-Dimensional Design (3)
ART101	Two-Dimensional Design (3)
ART102	Digital Foundations (3)
ART103	Drawing from Life (3)
ART290	Art and Design Career Seminar (1)

Art and Design Major Electives (15 hours)

Choose 9 hours required from the following 200 level:

ART201	Painting Foundations (3)
ART202	Painting Traditions (3)
ART203	Non-acid Intaglio Printmaking (3)
ART204	Relief Printmaking (3)
ART205	Ceramics- Hand Building (3)
ART206	Ceramics- Wheel Throwing (3)
ART208	Metals (3)
ART209	Weaving and Fiber Construction (3)
ART210	Textile Design (3)
ART215	Beginning Photography (3)
ART219	Typography (3)
ART220	Sculpture (3)
ART228	Introduction to Graphic Design (3)
ART250	Drawing and Illustration (3)

Choose 6 hours required from the following 300 level:

ART301	Advanced Printmaking (3)
ART303	Figure Studies (3)
ART305	Advanced Ceramics- Vessel (3)
ART306	Advanced Ceramics- Sculpture (3)
ART315	Intermediate Photography (3)
ART319	Front End Web Design (3)
ART320	Sculpture II (3)
ART328	Graphic Design II (3)
ART329	Video Art (3)
ART338	Graphic Design- Digital Media (3)
ART355	Advanced Photography and Digital Video (3)

Senior Sequence and Capstone (10 hours)

ART390	Senior Art and Design Studio I (3)
ART391	Senior Art and Design Studio II (3)
ART401	Senior Career Preparation I (2)
ART402	Senior Exhibition II (2)

Art History Cognates (9 hours)

AHIS200	Global Art History (3)
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Art and Design

AHIS201 Western Art History I (3)
or AHIS202 Western Art History II (3)

Plus, one additional AHIS course (3 hours)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Fine Arts in Studio Art (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100 Introduction to College Writing (3)
CCC101 College Writing and Inquiry (3)
CCC102 Public Speaking (3)
ART101 Two-Dimensional Design (3)
ESAT 100 Fitness / Wellness (2)
XXXX Humanities (3-4)
MLCX101 Language Requirement I (4)
MLCX 102 Language Requirement II (4)
MATH100/ MATH101 Math Skills (4)
XXXX Natural Science (3-4)
XXXX Cross Cultural Studies (3)
RELG/PHIL Religion / Philosophy (3)
XXXX Social Science Requirement (3-4)
XXXX WAC – Writing Intensive (3)

Art and Design Major Core (13 hours)

ART100 Three-Dimensional Design (3)
ART101 Two-Dimensional Design (3)
ART102 Digital Foundations (3)
ART103 Drawing from Life (3)
ART290 Art and Design Career Seminar (1)

Art and Design Major Electives (24 hours)

Choose 12 hours required from the following 200 level:

ART201 Painting Foundations (3)
ART202 Painting Traditions (3)
ART203 Non-acid Intaglio Printmaking (3)
ART204 Relief Printmaking (3)
ART205 Ceramics- Hand Building (3)
ART206 Ceramics- Wheel Throwing (3)
ART208 Metals (3)
ART209 Weaving and Fiber Construction (3)
ART210 Textile Design (3)
ART215 Beginning Photography (3)
ART219 Typography (3)
ART220 Sculpture (3)

ART228 Introduction to Graphic Design (3)

Choose 12 hours required from the following 300 level:

ART301 Advanced Printmaking (3)
ART305 Advanced Ceramics- Vessel (3)
ART306 Advanced Ceramics- Sculpture (3)
ART315 Intermediate Photography (3)
ART319 Front End Web Design (3)
ART320 Sculpture II (3)
ART328 Graphic Design II (3)
ART329 Video Art (3)
ART338 Graphic Design- Digital Media (3)
ART355 Adv. Photography & Digital Video (3)

Senior Sequence and Capstone (10 hours)

ART390 Senior Art and Design Studio I (3)
ART391 Senior Art and Design Studio II (3)
ART401 Senior Career Preparation I (2)
ART402 Senior Exhibition II (2)

Art and Design BFA Electives (5-7 hours)

ART250 Drawing and Illustration (3)
or ART303 Figure Studies (3)
ART399 Professional Internship 2-4 credits (2-4)

Art History BFA Cognates (12 hours)

AHIS200 Global Art History (3)
AHIS201 Western Art History I (3)
or AHIS202 Western Art History II (3)
AHIS 337 Contemporary Art History (3)
Plus one additional AHIS course (3 hours)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Fine Arts in Web Design (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100 Introduction to College Writing (3)
CCC101 College Writing and Inquiry (3)
CCC102 Public Speaking (3)
ART101 Two-Dimensional Design (3)
ESAT 100 Fitness / Wellness (2)
XXXX Humanities (3-4)
MLCX101 Language Requirement I (4)
MLCX 102 Language Requirement II (4)
MATH100/ Math Skills (4)

Art and Design

MATH101	
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Web Design Core (28 hours)

ART101	Two-Dimensional Design (3)
ART102	Digital Foundations (3)
ART215	Beginning Photography (3)
ART219	Typography (3)
ART290	Art and Design Career Seminar (1)
ART319	Front End Web Design (3)
ART339	User Experience I: Understanding User Experience (3)
ART340	User Experience II: Building Compelling User Experiences (3)
ART341	User Experience III: Capstone Project- Goal Oriented Web Design (3)

Computer Science Cognates (12 hours)

CS100	Internet History, Technology, and Security (3)
CS103	Programming for Everyone I (3)
CS104	Programming for Everyone II (3)
CS110	Web Development (3)

Web Design Major Cognates (15 hours)

BUS101	Introduction to Business (3)
BUS242	Business and Professional Communication (3)
MATH204	Elementary Statistics (3) *
MGMT342	Informational Technology and Project Management (3) *
MKTG230	Marketing (3)

*All students must choose a track from:
Web Applications
Web Design*

Web Applications Track Electives (9 hours)

CS311	Application Development I (3)
CS312	Application Development II (3)
CS411	Product Development (3)

Web Design Track Electives (9 hours)

ART228	Introduction to Graphic Design (3)
ART328	Graphic Design II (3)
ART338	Graphic Design- Digital Media (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**Courses marked with an asterisk have prerequisites.*

Bachelor of Science in Interior Design

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
ART102	Digital Foundations (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Interior Design Core (45 hours)

INTD100	Applied Theory (3)
INTD130	Freshman Studio (3)
INTD200	Sophomore Studio (3)
INTD221	Interior Design Materials (3)
INTD222	History of Architecture & Interiors I (3)
INTD224	History of Architecture & Interiors II (3)
INTD227	Revit (3)
INTD323	Residential Design I (3)
INTD326	Lighting (3)
INTD327	Commercial Design I (3)
INTD330	Residential Design II (3)
INTD331	Commercial Design II (3)
INTD351	Advanced Studio (3)
INTD401	Senior Studio (3)
INTD408	Prof. Practices for Interior Designers (3)
INTD430	Capstone: Senior Seminar (3)

Interior Design Cognates (12 hours)

ART102	Digital Foundations (3)
ART228	Introduction to Graphic Design (3)

Art and Design

AHIS200	Global Art History (3)
or AHIS201	Western Art History I (3)
BUS101	Introduction to Business (3)
or MKTG230	Marketing (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Associate of Arts in Art

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Art and Design Associate's Core (13 hours)

ART100	Three-Dimensional Design (3)
ART101	Two-Dimensional Design (3)
ART102	Digital Foundations (3)
ART103	Drawing from Life (3)
ART290	Art and Design Career Seminar (1)

Art and Design Electives (9 hours)

Choose 9 hours required from the following:

ART106	Introduction to Ceramics (3)
ART201	Painting Foundations (3)
ART202	Painting Traditions (3)
ART203	Non-acid Intaglio Printmaking (3)
ART204	Relief Printmaking (3)
ART205	Ceramics- Hand Building (3)
ART206	Ceramics- Wheel Throwing (3)
ART208	Metals (3)
ART209	Weaving and Fiber Construction (3)
ART210	Textile Design (3)
ART215	Beginning Photography (3)
ART219	Typography (3)
ART220	Sculpture (3)
ART228	Introduction to Graphic Design (3)
ART250	Drawing and Illustration (3)
ART299	Experimental Course (3)
ART301	Advanced Printmaking (3)

ART303	Figure Studies (3)
ART305	Advanced Ceramics- Vessel (3)
ART306	Advanced Ceramics- Sculpture (3)
ART315	Intermediate Photography (3)
ART319	Front End Web Design (3)
ART320	Sculpture II (3)
ART325	Foundations of Art Therapy (3)
ART326	Approaches in Art Therapy (3)
ART327	Community Art Therapy Practicum (1-2)
ART328	Graphic Design II (3)
ART329	Video Art (3)
ART338	Graphic Design- Digital Media (3)
ART355	Advanced Photography and Digital Video (3)
ART399	Professional Internship (1-12)
ART499	Advanced Experimental Course (1-3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Associate of Arts in Graphic Design

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Graphic Design Associate's Core (19 hours)

ART101	Two-Dimensional Design (3)
ART102	Digital Foundations (3)
ART219	Typography (3)
ART228	Introduction to Graphic Design (3)
ART290	Sophomore Art and Design Career Seminar (1)
ART319	Front End Web Design (3)
ART328	Graphic Design II (3)

Graphic Design Electives (9 hours)

Choose 9 hours required from the following:

AHIS200	Global Art History (3)
AHIS201	Western Art History I (3)
AHIS202	Western Art History II (3)

Art and Design

AHIS232	Representations of Gender in Art (3)
AHIS301	Topics in Art History (3)
AHIS333	Gay and Lesbian Art History (3)
AHIS334	Photography and Identity (3)
AHIS335	Architectural Studies (3)
AHIS336	History of Modern Art (3) *
AHIS337	Contemporary Art History (3) *
ART100	Three-Dimensional Design (3)
ART103	Drawing from Life (3)
ART106	Introduction to Ceramics (3)
ART201	Painting Foundations (3) *
ART202	Painting Traditions (3) *
ART203	Non-acid Intaglio Printmaking (3) *
ART204	Relief Printmaking (3) *
ART205	Ceramics- Hand Building (3) *
ART206	Ceramics- Wheel Throwing (3) *
ART208	Metals (3)
ART209	Weaving and Fiber Construction (3)
ART210	Textile Design (3)
ART215	Beginning Photography (3) *
ART220	Sculpture (3) *
ART250	Drawing and Illustration (3) *
ART301	Advanced Printmaking (3) *
ART303	Figure Studies (3) *
ART305	Advanced Ceramics- Vessel (3) *
ART306	Advanced Ceramics- Sculpture (3) *
ART315	Intermediate Photography (3) *
ART320	Sculpture II (3) *
ART329	Video Art (3) *
ART338	Graphic Design- Digital Media (3)
ART355	Advanced Photography and Digital Video (3) *
CIS250	Advanced Web-Based Programming (3)*
CS324	Operating Systems & Computer Networks (4) *

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

**Courses marked with an asterisk have prerequisites.*

Minor in Art (25 hours)

Art and Design Minor Core (13 hours)

ART100	Three-Dimensional Design (3)
ART101	Two-Dimensional Design (3)
ART102	Digital Foundations (3)
ART103	Drawing from Life (3)
ART290	Art and Design Career Seminar (1)

Art and Design Minor Electives (9 hours)

Choose 9 hours required from the following:

ART106	Introduction to Ceramics (3)
ART201	Painting Foundations (3)
ART202	Painting Traditions (3)
ART203	Non-acid Intaglio Printmaking (3)
ART204	Relief Printmaking (3)
ART205	Ceramics- Hand Building (3)
ART206	Ceramics- Wheel Throwing (3)
ART208	Metals (3)
ART209	Weaving and Fiber Construction (3)
ART210	Textile Design (3)
ART215	Beginning Photography (3)
ART219	Typography (3)
ART220	Sculpture (3)
ART228	Introduction to Graphic Design (3)
ART250	Drawing and Illustration (3)
ART299	Experimental Course (3)
ART301	Advanced Printmaking (3)
ART303	Figure Studies (3)
ART305	Advanced Ceramics- Vessel (3)
ART306	Advanced Ceramics- Sculpture (3)
ART315	Intermediate Photography (3)
ART319	Front End Web Design (3)
ART320	Sculpture II (3)
ART325	Foundations of Art Therapy (3)
ART326	Approaches in Art Therapy (3)
ART327	Community Art Therapy Practicum (1-2)
ART328	Graphic Design II (3)
ART329	Video Art (3)
ART338	Graphic Design- Digital Media (3)
ART355	Advanced Photography and Digital Video (3)
ART399	Professional Internship (1-12)
ART499	Advanced Experimental Course (1-3)

Art History Cognate (3 hours)

Choose 3 hours required from the following:

AHIS200	Global Art History (3)
AHIS201	Western Art History I (3)
AHIS202	Western Art History II (3)
AHIS232	Representations of Gender in Art (3)
AHIS301	Topics in Art History (3)
AHIS303	Fortification to Reformation: The History of York, England to the 15 th Century (6)
AHIS333	Gay and Lesbian Art History (3)
AHIS334	Photography and Identity (3)
AHIS335	Architectural Studies (3)
AHIS336	History of Modern Art (3)
AHIS337	Contemporary Art History (3)
AHIS339	Art History: Reacting to the Past (3)
AHIS340	Native American Art History (3)

Art and Design

Art History Minor (18 hours)

Art History Minor Core (12 hours)

AHIS200	Global Art History (3)
AHIS201	Western Art History I: Prehistory through Medieval (3)
AHIS202	Western Art History II: Renaissance through Contemporary (3)
AHIS401	Professional Studies in Art History (3)

Art History Minor Electives (6 hours)

Choose 6 hours required from the following:

AHIS232	Representations of Gender in Art (3)
AHIS299	Experimental Course (1-3)
AHIS301	Topics in Art History (3)
AHIS303	Fortification to Reformation: The History of York, England to the 15 th Century (6)
AHIS333	Gay and Lesbian Art History (3)
AHIS334	Photography and Identity (3)
AHIS335	Architectural Studies (3)
AHIS336	History of Modern Art (3)
AHIS337	Contemporary Art History (3)
AHIS339	Art History: Reacting to the Past (3)
AHIS340	Native American Art History (3)
AHIS399	Professional Internship (1-12)
AHIS499	Advanced Experimental Course (1-3)

Minor in Facilities Design (18 hours)

Facilities Design Minor Core (18 hours)

INTD100	Applied Theory (3)
INTD118	Architectural Drafting (3)
INTD130	Freshman Studio (3)
INTD200	Sophomore Studio (3)
INTD221	Interior Design Materials (3)
INTD226	Auto CAD for Interior Design (3)

Minor in Graphic Design (24 hours)

Graphic Design Core (15 hours)

ART102	Digital Foundations (3)
ART219	Typography (3)
ART228	Introduction to Graphic Design (3)
ART319	Front End Web Design (3)
ART328	Graphic Design II (3)

Graphic Design Electives (9 hours)

Choose 9 hours required from the following:

AHIS200	Global Art History (3)
AHIS201	Western Art History I (3)
AHIS202	Western Art History II (3)
AHIS232	Representations of Gender in Art (3)
AHIS301	Topics in Art History (3)
AHIS333	Gay and Lesbian Art History (3)
AHIS334	Photography and Identity (3)
AHIS335	Architectural Studies (3)
AHIS336	History of Modern Art (3) *
AHIS337	Contemporary Art History (3) *
ART100	Three-Dimensional Design (3)
ART101	Two-Dimensional Design (3)
ART103	Drawing from Life (3)
ART106	Introduction to Ceramics (3)
ART201	Painting Foundations (3) *
ART202	Painting Traditions (3) *
ART203	Non-acid Intaglio Printmaking (3) *
ART204	Relief Printmaking (3) *
ART205	Ceramics- Hand Building (3) *
ART206	Ceramics- Wheel Throwing (3) *
ART208	Metals (3)
ART209	Weaving and Fiber Construction (3)
ART210	Textile Design (3)
ART215	Beginning Photography (3) *
ART220	Sculpture (3) *
ART250	Drawing and Illustration (3) *
ART301	Advanced Printmaking (3) *
ART303	Figure Studies (3) *
ART305	Advanced Ceramics- Vessel (3) *
ART306	Advanced Ceramics- Sculpture (3) *
ART315	Intermediate Photography (3) *
ART320	Sculpture II (3) *
ART329	Video Art (3) *
ART338	Graphic Design- Digital Media (3)
ART355	Advanced Photography and Digital Video (3) *
ART475	Capstone: Graphic Design Portfolio Prep (3)
CIS250	Advanced Web-Based Programming (3)*
CS324	Operating Systems & Computer Networks (4) *

**Courses marked with an asterisk have prerequisites.*

Minor in Web Design (21 hours)

Web Design Minor Core (21 hours)

ART219	Typography (3) *
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Art and Design

ART319	Front End Web Design (3) *
ART339	User Experience I: Understanding User Experience (3) *
ART340	User Experience II: Building Compelling User Experiences (3) *
CS103	Programming for Everyone I (3)
CS104	Programming for Everyone II (3)
CS110	Web Development (3)

**Courses marked with an asterisk have prerequisites*

Certificate in Graphic Design

(15 hours)

ART102	Digital Foundations (3)
ART219	Typography (3)
ART228	Introduction to Graphic Design (3)
ART319	Front End Web Design (3)
ART328	Graphic Design II (3)

Biology

Mission Statement

The Biology department seeks to develop students' ability to function as independent scholars. A combination of required and elective work allows students to develop an appreciation of nature and an understanding of the biological knowledge that will have a role in their lives when they graduate from Adrian College. We seek to foster the ability to critically assess information and communicate clearly in writing and verbally. When they graduate, our students should have confidence in their ability to teach themselves and to apply their knowledge and experiences in new situations. Our courses use various combinations of lectures, labs, reading, writing, textbooks, primary literature, library research and individually-designed projects to develop diverse skills within the biological sciences.

The biology department is noted for its environmental and evolutionary programs, cellular and molecular biology studies, pre-health science preparation and taxonomic understanding. Facilities include a 119-acre natural science study area with forest and wetland habitats; greenhouse with aquaponics system; environmentally controlled plant growth space; an extensive natural history collection, primarily of Vertebrates; an Entomology collection, herbarium; labs equipped for microbiology and genetics; a fully equipped histology lab; and Human cadaver lab. The department has prepared students for careers with the Department of Natural Resources, National Park Service, U.S. Interior Department, the U.S. Department of Agriculture and many academic, industrial and research institutions. Many other biology alumni are dentists, medical technologists, nurses, optometrists, physicians, podiatrists and teachers in elementary and secondary schools, colleges and universities.

Students majoring in biology may earn a Bachelor of Arts or Bachelor of Science degree in Biology, or a Bachelor of Science in Neuroscience in an interdisciplinary collaboration with the Psychology department. The department also offers the Associate of Arts degree and a minor in biology. Students are encouraged to acquire strong backgrounds in the supporting sciences, particularly chemistry, mathematics and physics. Those interested in careers requiring further education in professional or graduate schools may obtain specific program information from the Career Planning Office and the Institute for Health Studies.

Lab Fees

A modest lab fee will be charged to lab courses in order to supplement the cost of laboratory supplies.

Departmental Honors

Students who wish to be considered for departmental honors should submit a letter indicating this to the biology department chairperson before beginning their senior year. To graduate with departmental honors in biology, a student must earn a 3.00 grade point average in science; complete two credits of BIOL450 or BIOL451 associated with an approved research project; and prepare a paper for presentation to the biology faculty and majors or a professional group (a paper worthy of submission to a refereed journal will be viewed as meeting this requirement). Having met these criteria, the student qualifies for consideration for honors. Final selection is based on departmental evaluation.

Biology

Bachelor of Arts in Biology

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
BIOL131	General Biology I: Molecules and Cells (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Biology Major Core (21 hours)

BIOL131	General Biology I: Molecules and Cells (4)
BIOL132	General Biology II: Organismal Biology (4)
BIOL217	Principles of Ecology (3)
BIOL221	Principles of Genetics (3)
BIOL301	Junior Seminar (1)
BIOL326	Microbiology (4)
BIOL401	Capstone: Senior Seminar (2)

Biology Major Electives (10 hours)

Choose 10 hours required from the following:

BIOL130	Local Flora (3)
BIOL199	Exploratory Internship (1-3)
BIOL203	Histology (3)
BIOL212	Vertebrate Zoology (4)
BIOL218	Ecology Laboratory (1)
BIOL223	Genetic Laboratory (1)
BIOL262	Invertebrate Zoology (4)
BIOL285	Biostatistics (3)
BIOL299	Experimental Course (1-3)
BIOL309	Topics in Biology (1-4)
BIOL310	Neurobiology (4)
BIOL312	Principles of Neuropharmacology (3)
BIOL315	Pathophysiology (3)
BIOL324	Conservation Biology (3)
BIOL327	Advanced Microbiology (3)
BIOL333	Biochemistry (3)
BIOL334	Biochemistry Laboratory (1)
BIOL343	Molecular Cell Biology (3)
BIOL345	Methods in Molecular Biology (3)
BIOL351	Plant Physiology (3)

BIOL352	Plant Ecology (4)
BIOL355	Evolutionary Biology (3)
BIOL364	Entomology (4)
BIOL365	General Physiology (4)
BIOL366	Biology of Parasites (4)
BIOL369	Developmental Biology (4)
BIOL370	Immunology (3)
BIOL375	Animal Behavior & Communication (4)
BIOL378	Ichthyology (4)
BIOL379	Herpetology (4)
BIOL380	Ornithology (4)
BIOL381	Mammalogy (4)
BIOL399	Professional Internship (1-12)
BIOL455	Human Anatomy (3)
BIOL499	Advanced Experimental Course (1-3)

Biology Major Cognates (12 hours)

CHEM105	General Chemistry (3)
CHEM106	General Chemistry II (3)
CHEM117	Introductory Chemistry Laboratory I (1)
CHEM118	Introductory Chemistry Laboratory II (1)
MATH115	Pre-Calculus Mathematics (4)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Students are strongly urged to include a systematics course (BIOL130, BIOL212, BIOL262, BIOL364, or BIOL366) within their program. A maximum of three credits of BIOL451 and four credits of BIOL199 or BIOL399 may be counted toward the required 31 credits of biology. Students are required to take a biological knowledge assessment test during their final year, usually when taking their capstone course. Students are encouraged to take additional course work in chemistry

Biology

Bachelor of Science in Biology

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
BIOL131	General Biology I: Molecules and Cells (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Biology B.S. Core (23 hours)

BIOL131	General Biology I: Molecules and Cells (4)
BIOL132	General Biology II: Organismal Biology (4)
BIOL217	Principles of Ecology (3)
BIOL218	Ecology Laboratory (1)
BIOL221	Principles of Genetics (3)
BIOL223	Genetics Laboratory (1)
BIOL301	Junior Seminar (1)
BIOL326	Microbiology (4)
BIOL401	Capstone: Senior Seminar (2)

Biology B.S. Electives (15 hours)

Choose 15 hours required from the following:

BIOL130	Local Flora (3)
BIOL199	Exploratory Internship (1-3)
BIOL203	Histology (3)
BIOL212	Vertebrate Zoology (4)
BIOL262	Invertebrate Zoology (4)
BIOL285	Biostatistics (3)
BIOL299	Experimental Course (1-3)
BIOL309	Topics in Biology (1-4)
BIOL310	Neurobiology (4)
BIOL312	Principles of Neuropharmacology (3)
BIOL315	Pathophysiology (3)
BIOL324	Conservation Biology (3)
BIOL327	Advanced Microbiology (3)
BIOL333	Biochemistry (3)
BIOL334	Biochemistry Laboratory (1)
BIOL343	Molecular Cell Biology (3)
BIOL345	Methods in Molecular Biology (3)
BIOL351	Plant Physiology (3)

BIOL352	Plant Ecology (4)
BIOL355	Evolutionary Biology (3)
BIOL364	Entomology (4)
BIOL365	General Physiology (4)
BIOL366	Biology of Parasites (4)
BIOL369	Developmental Biology (4)
BIOL370	Immunology (3)
BIOL375	Animal Behavior & Communication (4)
BIOL378	Ichthyology (4)
BIOL379	Herpetology (4)
BIOL380	Ornithology (4)
BIOL381	Mammalogy (4)
BIOL399	Professional Internship (1-12)
BIOL455	Human Anatomy (3)
BIOL499	Advanced Experimental Course (1-3)

Biology B.S Cognates (15 hours)

CHEM105	General Chemistry (3)
CHEM117	Introductory Chemistry Laboratory I (1)
MATH115	Pre-Calculus Mathematics (4)

Choose 7 hours required from the following:

CHEM106	General Chemistry II (3)
CHEM118	Introductory Chemistry Laboratory II (1)
CHEM224	Organic Chemistry I (3)
CHEM225	Organic Chemistry II (3)
CHEM226	Organic Chemistry Laboratory I (1)
CHEM227	Organic Chemistry Laboratory II (1)
CHEM341	Biochemistry I (3) *
CHEM344	Biochemistry Laboratory (1) **

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

*BIOL333 will be accepted as a substitute.

**BIOL334 will be accepted as a substitute.

Biology

Bachelor of Science in Biology: Neuroscience

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
BIOL131	General Biology I: Molecules and Cells (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Biology B.S. Core 25 credits

BIOL131	<u>General Biology I: Molecules and Cells (4)</u>
BIOL132	<u>General Biology II: Organismal Biology (4)</u>
BIOL 217	Ecology (3)
BIOL 221	Genetics(3)
BIOL 301	Junior Sem (1)
BIOL 310	Neurobiology (4)
BIOL 326	Microbiology (4)
BIOL 401	Sr. Sem (2)

Cognates 30 credits

MATH 115	Pre-Calculus (4)
CHEM 105	General Chemistry I (3)
CHEM 117	General Chemistry Lab I (1)
CHEM 106	General Chemistry II (3)
CHEM 118	General Chemistry Lab II (1)
PSYC 100	General Psych (3)
PSYC 211	Statistics for Psychology (4)
PSYC 341	Biopsychology (3)

Two semesters of Organic Chemistry with Lab, OR two semesters of Physics with Lab, or one semester of Organic Chemistry with Lab and one semester of Physics with Lab. (8 of the 30 credits)

CHEM 224	Organic Chemistry I (3)
CHEM 226	Organic Chemistry Lab I(1)
CHEM 225	Organic Chemistry II (3)
CHEM 227	Organic Chemistry Lab II (1)

PHYS 101	Intro. Physics I (3)
PHYS 103	Intro. Physics Lab I (1)
PHYS 102	Intro Physics II (3)
PHYS 104	Intro Physics Lab II (1)
PHYS 205	General Physics I (3)
PHYS 209	General Physics Lab I (1)
PHYS 206	General Physics II (3)
PHYS 210	General Physics Lab II (1)

Electives

At least 7 credits including at least one course from each dept. (BIO and PSYC)

BIOL 312	Principles of Neuropharmacology (3)
BIOL 315	Pathophysiology (3)
BIOL 365	Physiology (4)
BIOL 369	Developmental Bio. (4)
BIOL 375	Animal Behavior and Communication (4)
PSYC 303	Abnormal Psychology (4)
PSYC 313	Cognitive Psychology (3)
PSYC 322	Learning Theory (3)

Research experience in PSYC or BIOL (3 or 4 credits)

PSYC 212 Research Methods for Non-majors (4)
PSYC 265 Research Methods for Majors (4)
BIOL 451 Independent Study—must be lab research project in a neurobiology area for at least two semesters for a total of 3 credits (3).

Recommended:

CHEM 341	Biochemistry I (3)
CHEM 344	Biochemistry Lab (1)
MATH 135	Calculus I (4)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Associate of Arts in Biology

(62 Hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)

Biology

XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Biology Associate's Core (8 hours)

BIOL131	General Biology I – Molecules and Cells (4)
BIOL132	General Biology II – Organismal Biology (4)

Biology Electives (8 hours)

Choose 8 hours required from the following:

BIOL130	Local Flora (3)
BIOL199	Exploratory Internship (1-3)
BIOL203	Histology (3)
BIOL212	Vertebrate Zoology (4)
BIOL217	Principles of Ecology (3)
BIOL221	Principles of Genetics (3)
BIOL218	Ecology Laboratory (1)
BIOL223	Genetic Laboratory (1)
BIOL262	Invertebrate Zoology (4)
BIOL285	Biostatistics (3)
BIOL299	Experimental Course (1-3)
BIOL301	Junior Seminar (1)
BIOL309	Topics in Biology (1-4)
BIOL310	Neurobiology (4)
BIOL312	Principles of Neuropharmacology (3)
BIOL315	Pathophysiology (3)
BIOL324	Conservation Biology (3)
BIOL326	Microbiology (4)
BIOL327	Advanced Microbiology (3)
BIOL333	Biochemistry (3)
BIOL334	Biochemistry Laboratory (1)
BIOL343	Molecular Cell Biology (3)
BIOL345	Methods in Molecular Biology (3)
BIOL351	Plant Physiology (3)
BIOL352	Plant Ecology (4)
BIOL355	Evolutionary Biology (3)
BIOL364	Entomology (4)
BIOL365	General Physiology (4)
BIOL366	Biology of Parasites (4)
BIOL369	Developmental Biology (4)
BIOL370	Immunology (3)
BIOL375	Animal Behavior & Communication (4)
BIOL378	Ichthyology (4)
BIOL379	Herpetology (4)
BIOL380	Ornithology (4)
BIOL381	Mammalogy (4)
BIOL399	Professional Internship (1-12)
BIOL455	Human Anatomy (3)
BIOL499	Advanced Experimental Course (1-3)

Biology Cognates (8 hours)

Additional 8 hours of Chemistry and Mathematics at or above the 101 level

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in Biology

(20 Hours)

Biology Minor Core (8-9 hours)

BIOL131	General Biology I – Molecules and Cells (4)
Or BIOL132	General Biology II – Organismal Biology (4)
BIOL221	Principles of Genetics (3)
or BIOL326	Microbiology (4)
BIOL301	Junior Seminar (1)

Biology Minor Electives (11-12 hours) NOTE: If you choose to use a course in the "Core", you may not double count it as an Elective in the minor.

BIOL130	Local Flora (3)
BIOL131	General Biology I – Molecules and Cells (4)
BIOL132	General Biology II – Organismal Biology (4)
BIOL130	Local Flora (3)
BIOL199	Exploratory Internship (1-3)
BIOL203	Histology (3)
BIOL212	Vertebrate Zoology (4)
BIOL217	Principles of Ecology (3)
BIOL221	Principles of Genetics (3)
BIOL218	Ecology Laboratory (1)
BIOL223	Genetic Laboratory (1)
BIOL262	Invertebrate Zoology (4)
BIOL285	Biostatistics (3)
BIOL299	Experimental Course (1-3)
BIOL301	Junior Seminar (1)
BIOL309	Topics in Biology (1-4)
BIOL310	Neurobiology (4)
BIOL312	Principles of Neuropharmacology (3)
BIOL315	Pathophysiology (3)
BIOL324	Conservation Biology (3)
BIOL326	Microbiology (4)
BIOL327	Advanced Microbiology (3)
BIOL333	Biochemistry (3)
BIOL334	Biochemistry Laboratory (1)
BIOL343	Molecular Cell Biology (3)
BIOL345	Methods in Molecular Biology (3)

Biology

BIOL351	Plant Physiology (3)	BIOL499	Advanced Experimental Course (1-3)
BIOL352	Plant Ecology (4)		
BIOL355	Evolutionary Biology (3)		
BIOL364	Entomology (4)		
BIOL365	General Physiology (4)		
BIOL366	Biology of Parasites (4)		
BIOL369	Developmental Biology (4)		
BIOL370	Immunology (3)		
BIOL375	Animal Behavior & Communication (4)		
BIOL378	Ichthyology (4)		
BIOL379	Herpetology (4)		
BIOL380	Ornithology (4)		
BIOL381	Mammalogy (4)		
BIOL399	Professional Internship (1-12)		
BIOL455	Human Anatomy (3)		
BIOL499	Advanced Experimental Course (1-3)		
BIOL199	Exploratory Internship (1-3)		
BIOL212	Vertebrate Zoology (4)		
BIOL217	Principles of Ecology (3)		
BIOL218	Ecology Laboratory (1)		
BIOL220	Winter Ecology (4)		
BIOL221	Principles of Genetics (3)		
BIOL223	Genetic Laboratory (1)		
BIOL237	Hematology & Serology (3)		
BIOL262	Invertebrate Zoology (4)		
BIOL299	Experimental Course (1-3)		
BIOL309	Topics in Biology (1-4)		
BIOL310	Neurobiology (4)		
BIOL315	Pathophysiology (3)		
BIOL324	Conservation Biology (3)		
BIOL326	Microbiology (4)		
BIOL333	Biochemistry (3)		
BIOL334	Biochemistry Laboratory (1)		
BIOL341	Cell & Tissue Culture (3)		
BIOL343	Molecular Cell Biology (3)		
BIOL345	Methods in Molecular Biology (3)		
BIOL352	Plant Ecology (4)		
BIOL355	Evolutionary Biology (3)		
BIOL364	Entomology (4)		
BIOL365	General Physiology (4)		
BIOL366	Biology of Parasites (4)		
BIOL369	Developmental Biology (3)		
BIOL370	Immunology (3)		
BIOL375	Animal Behavior & Communication (4)		
BIOL378	Ichthyology (4)		
BIOL379	Herpetology (4)		
BIOL380	Ornithology (4)		
BIOL381	Mammalogy (4)		
BIOL399	Professional Internship (1-12)		
BIOL455	Human Anatomy (3)		

Chemistry and Biochemistry

Mission Statement

The department offers programs leading to a Bachelor of Arts or a Bachelor of Science in both Chemistry and Biochemistry as well as minors in both Chemistry and Biochemistry. These degree paths open up many opportunities for graduates into the chemical and biochemical sciences and related fields. Students can develop the skills to be well prepared for health studies, laboratory work or graduate studies in chemistry, biochemistry or any related field. With study in the core sub-disciplines (analytical, biological, inorganic, organic, and physical) of chemistry, students learn to approach problems from a number of different perspectives. Students will utilize qualitative and quantitative reasoning, combined with problem solving skills both in the classroom, and in the laboratory, and will explore problems from more than one viewpoint. The department aims to enhance the technical skills of our students by developing their critical thinking skills and increasing their ability to communicate effectively. Students are encouraged to further build their problem-solving skills and develop a better understanding of the relationship between the ideas of research, scholarship, and learning throughout the program, including research experiences, independent studies, and the capstone project.

Prerequisite Requirements

The field of chemistry depends on fundamental principles being carried forward making it essential that a student has mastered the knowledge and skills of any prerequisite course before enrolling in subsequent courses. Therefore, a grade of C- or better is required for fulfillment of all prerequisite courses in the department.

Lab Fees

A modest lab fee will be charged to lab courses in order to supplement the cost of laboratory supplies.

Bachelor of Arts in Biochemistry

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)

MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
CHEM105	General Chemistry I (3)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Biochemistry B.A. Core (31 hours)

CHEM105	General Chemistry I (3)
CHEM106	General Chemistry II (3)
CHEM117	Introductory Chemistry Laboratory I (1)
CHEM118	Introductory Chemistry Laboratory II (1)
CHEM224	Organic Chemistry I (3)
CHEM225	Organic Chemistry II (3)
CHEM226	Organic Chemistry Laboratory I (1)
CHEM227	Organic Chemistry Laboratory II (1)
CHEM303	Analytical Chemistry (3)
CHEM305	Analytical Chemistry Laboratory (1)
CHEM341	Biochemistry I (3)
CHEM342	Biochemistry II (3)
CHEM344	Biochemistry Laboratory (1)
CHEM401	Chemistry Seminar (1)
CHEM411	Recent Advances in Biochemistry (1)
CHEM470	Capstone: Interdisciplinary Chemistry (2)

Biochemistry B.A. Cognates (26-27 hours)

BIOL131	General Biology I – Molecules and Cells (4)
BIOL132	General Biology II – Organismal Biology (4)
BIOL221	Principles of Genetics (3)
BIOL343	Molecular Cell Biology (3)
or BIOL365	General Physiology (4)
MATH115	Pre-Calculus Mathematics (4)
PHYS101+	Introductory Physics I (3)
PHYS102+	Introductory Physics II (3)
PHYS103+	Introductory Physics Laboratory I (1)
PHYS104+	Introductory Physics Laboratory II (1)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

+ 8 hours of higher-level physics may be substituted for the Introductory Physics requirement

Bachelor of Science in Biochemistry

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
CHEM105	General Chemistry I (3)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Biochemistry B.S. Core (35 hours)

CHEM105	General Chemistry I (3)
CHEM106	General Chemistry II (3)
CHEM117	Introductory Chemistry Laboratory I (1)
CHEM118	Introductory Chemistry Laboratory II (1)
CHEM224	Organic Chemistry I (3)
CHEM225	Organic Chemistry II (3)
CHEM226	Organic Chemistry Laboratory I (1)
CHEM227	Organic Chemistry Laboratory II (1)
CHEM303	Analytical Chemistry (3)
CHEM305	Analytical Chemistry Laboratory (1)
CHEM321	Thermodynamics (3)
CHEM325	Physical Chemistry Laboratory (1)
CHEM341	Biochemistry I (3)
CHEM342	Biochemistry II (3)
CHEM344	Biochemistry Laboratory (1)
CHEM401	Chemistry Seminar (1)
CHEM411	Recent Advances in Biochemistry (1)
CHEM470	Capstone: Interdisciplinary Chemistry (2)

Biochemistry B.S. Cognates (34-35 hours)

BIOL131	General Biology I – Molecules and Cells (4)
BIOL132	General Biology II – Organismal Biology (4)
BIOL221	Principles of Genetics (3)
BIOL343 or BIOL365	Molecular Cell Biology (3) General Physiology (4)
MATH115	Pre-Calculus Mathematics (4)
MATH135	Calculus & Analytic Geometry I (4)
MATH205	Calculus & Analytic Geometry II (4)
PHYS201	General Physics: Mechanics (3)

PHYS203	General Physics: Mechanics Lab (1)
PHYS202	General Physics: Thermodynamics and Electromagnetism (3)
PHYS204	General Physics: Thermodynamics and Electromagnetism Lab (1)

Biochemistry B.S. Elective (recommended)

BIOL223	Genetics Laboratory (1)
CHEM 450	Research in Chemistry (1)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Arts in Chemistry

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
CHEM105	General Chemistry I (3)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Chemistry B.A. Core (27 hours)

CHEM105	General Chemistry I (3)
CHEM106	General Chemistry II (3)
CHEM117	Introductory Chemistry Laboratory I (1)
CHEM118	Introductory Chemistry Laboratory II (1)
CHEM224	Organic Chemistry I (3)
CHEM225	Organic Chemistry II (3)
CHEM226	Organic Chemistry Laboratory I (1)
CHEM227	Organic Chemistry Laboratory II (1)
CHEM303	Analytical Chemistry (3)
CHEM305	Analytical Chemistry Laboratory (1)
CHEM321	Thermodynamics (3)
CHEM325	Physical Chemistry Laboratory (1)
CHEM401	Chemistry Seminar (1)

Chemistry and Biochemistry

CHEM470 Capstone: Interdisciplinary Chemistry (2)

Chemistry B.A. Electives (3-4 hours)

Choose one of the following:

CHEM322 Quantum Mechanics (3)

OR

CHEM341 Biochemistry I (3)
and CHEM344 Biochemistry Laboratory I (1)

OR

CHEM407 Instrumental Analysis (3)
and CHEM408 Instrumental Analysis Laboratory (1)

Chemistry B.A. Cognates (20 hours)

MATH115 Pre-Calculus Mathematics (4)
MATH135 Calculus & Analytic Geometry I (4)
MATH205 Calculus & Analytic Geometry II (4)
PHYS101+ Introductory Physics I (3)
PHYS102+ Introductory Physics II (3)
PHYS103+ Introductory Physics Laboratory I (1)
PHYS104+ Introductory Physics Laboratory II (1)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

+ 8 hours of higher-level physics may be substituted for the Introductory Physics requirement

Bachelor of Science in Chemistry

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100 Introduction to College Writing (3)
CCC101 College Writing and Inquiry (3)
CCC102 Public Speaking (3)
XXXX ART (3)
ESAT 100 Fitness / Wellness (2)
XXXX Humanities (3-4)
MLCX101 Language Requirement I (4)
MLCX 102 Language Requirement II (4)
MATH100/ Math Skills (4)
MATH101
CHEM105 General Chemistry I (3)
XXXX Cross Cultural Studies (3)
RELG/PHIL Religion / Philosophy (3)
XXXX Social Science Requirement (3-4)
XXXX WAC – Writing Intensive (3)

Chemistry B.S. Core (40 hours)

CHEM105 General Chemistry I (3)

CHEM106 General Chemistry II (3)
CHEM117 Introductory Chemistry Laboratory I (1)
CHEM118 Introductory Chemistry Laboratory II (1)
CHEM224 Organic Chemistry I (3)
CHEM225 Organic Chemistry II (3)
CHEM226 Organic Chemistry Laboratory I (1)
CHEM227 Organic Chemistry Laboratory II (1)
CHEM303 Analytical Chemistry (3)
CHEM305 Analytical Chemistry Laboratory (1)
CHEM321 Thermodynamics (3)
CHEM322 Quantum Mechanics (3)
CHEM325 Physical Chemistry Laboratory (1)
CHEM341 Biochemistry I (3)
CHEM401 Chemistry Seminar (1)
CHEM404 Advanced Inorganic Chemistry (3)
CHEM407 Instrumental Analysis (3)
CHEM408 Instrumental Analysis Laboratory (1)
CHEM470 Capstone: Interdisciplinary Chemistry (2)

Chemistry B.S. Cognates (24 hours)

MATH115 Pre-Calculus Mathematics (4)
MATH135 Calculus & Analytic Geometry I (4)
MATH205 Calculus & Analytic Geometry II (4)
MATH215 Calculus & Analytic Geometry III (4)

PHYS201 General Physics: Mechanics (3)
PHYS203 General Physics: Mechanics Lab (1)
PHYS202 General Physics: Thermodynamics and Electromagnetism (3)
PHYS204 General Physics: Thermodynamics and Electromagnetism Lab (1)

Chemistry B.S. Elective (recommended)

CHEM450 Research in Chemistry (1)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Minor in Biochemistry

(32 hours)

Biochemistry Minor Core (20 hours)

CHEM105 General Chemistry I (3)
CHEM106 General Chemistry II (3)
CHEM117 Introductory Chemistry Laboratory I (1)
CHEM118 Introductory Chemistry Laboratory II (1)
CHEM224 Organic Chemistry I (3)
CHEM225 Organic Chemistry II (3)
CHEM226 Organic Chemistry Laboratory I (1)
CHEM227 Organic Chemistry Laboratory II (1)

Chemistry and Biochemistry

- CHEM341 Biochemistry I (3)
CHEM344 Biochemistry Laboratory (1)

Biochemistry Minor Cognates (12 hours)

- BIOL131 General Biology I – Molecules and Cells (4)
BIOL132 General Biology II – Organismal Biology (4)
MATH115 Pre-Calculus Mathematics (4)

Minor in Chemistry (32 Hours)

Chemistry Minor Core (20 hours)

- CHEM105 General Chemistry I (3)
CHEM106 General Chemistry II (3)
CHEM117 Introductory Chemistry Laboratory I (1)
CHEM118 Introductory Chemistry Laboratory II (1)
CHEM224 Organic Chemistry I (3)
CHEM225 Organic Chemistry II (3)
CHEM226 Organic Chemistry Laboratory I (1)
CHEM227 Organic Chemistry Laboratory II (1)
CHEM303 Analytical Chemistry (3)
CHEM305 Analytical Chemistry Laboratory (1)

With department permission up to 8 hours of chemistry classes above the 320 level may be substituted for the CHEM 224, CHEM225, CHEM226, and /or CHEM227 courses.

Chemistry Minor Cognates (12 hours)

- MATH115 Pre-Calculus Mathematics (4)

- PHYS201 General Physics: Mechanics (3)
PHYS203 General Physics: Mechanics Lab (1)
PHYS202 General Physics: Thermodynamics and
Electromagnetism (3)
PHYS204 General Physics: Thermodynamics and
Electromagnetism Lab (1)

+ 8 hours of higher-level physics may be substituted for the Introductory Physics requirement

Communication Arts and Sciences

Mission Statement

The Communication Arts & Sciences mission is to train balanced communication professionals who can succeed in numerous career paths including media arts, film, and public relations. Students graduate prepared to be storytellers who are making a difference in the world.

The Bachelor of Science in Public Relations offers students a major focused in strategic communication practices. Students will choose from cognate offerings in art, journalism, English and Business to enhance knowledge in social media development, brand/reputation management, digital design, and professional writing. The courses selected reflect best practices in public relations education set forth by the Public Relations Society of America, the national accrediting body for public relations practitioners.

The BFA in Film Studies offers students wishing to specialize in film production a path within the communication arts and sciences department. Courses focus on developing skills freelance filmmakers will need if pursuing an MFA in film or a career in the film industry. The cognate requirements for the major allow students to become stronger, creative writers and artists, as the best filmmakers understand every element from pre-production screenplay writing to post-production graphics and editing.

The Bachelor of Science in Broadcasting and Media Arts offers students wishing to specialize in audio and video production a path with the communication arts and sciences department. Courses focus on developing skills for careers in television broadcasting, podcasting, and radio and multimedia careers in public relations or print media. Courses focus on a variety of production techniques including video editing, producing, on-air training for both radio and television, and advanced audio production. The cognate requirement for the major allows students to become stronger media professionals and personalize their degree to career interests.

Major Program Requirements:

Students seeking a Bachelor of Science degree in Public Relations must complete 42 semester hours in the department and 15 semester hours of cognate coursework. Students seeking a Bachelor of Science degree in Broadcasting and Media Arts must complete 45 semester hours in the department and 15 semester hours of cognate coursework.

Students seeking a Bachelor of Fine Arts degree in Film Studies must complete 45 semester hours in the department and 15 semester hours of cognate coursework.

BFA Acceptance and Junior Critique:

Students pursuing the BFA option will be accepted into the program their junior year via the junior year critique and must receive approval of the department faculty by the end of their junior year. Students will participate in assessment critiques of their production projects (COMM210 and COMM 239 must be completed before the junior year critique). BFA students will also undergo assessment of their work senior year in COMM390 and COMM422.

Bachelor of Science in Broadcasting and Media Studies

(124 Hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
ART 102	Digital Foundations (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
SOC 104	Introduction to Sociology (3)
XXXX	WAC – Writing Intensive (3)

Communication Required Courses (30 hours)

COMM 109	Beginning Media Performance (3)
COMM 110	Survey of Mass Communication (3)
COMM 205	Public Relations I (3)
COMM 210	Digital Media Production I (3)
COMM 218	Introduction to Communication Theory (3)
COMM 280	Communication Ethics (3)
COMM 308	Mass Communication Criticism (3)
COMM 339	Advance Digital Media Production (3)
COMM 399	Professional Internship (3hrs)
COMM 422	Capstone (3)

Communication Elective Courses (15 hours)

Choose 15 hours from the following:

COMM 285	Podcasting, Audio, and Radio Production (3)
COMM 290	Video Streaming and Television Production (3)
COMM 385	Advanced Audio Production (3)
COMM 345	Sports Broadcasting (3)
COMM 314	Public Relations II: Campaign Writing and Management (3)
COMM 311	ACTV Activities (3)
COMM 312	WVAC Activities (3)
COMM 313	PRush Creative (3)
COMM 317	P.R. Performance & Production (3)
COMM 319	Film History (3)
COMM 330	Intercultural Communication (3)
COMM 342	Public Relations and Organizational Theory (3)
COMM 416	Communication Special Topics (3)

Cognate Elective Courses (15 hours)

Choose 15 hours from the following:

ART 102	Digital Foundations (3)
ART 215	Beginning Photography (3)
ART 219	Typography (3)*
ART 228	Introduction to Graphic Design (3)*
ART 319	Front End Web Design (3)*
ART 328	Graphic Design II (3)*
ENGL 201	Persuasive Writing (3)*
ENGL 203	Creative Writing (3)*
ENGL 231	Issues in Writing Studies (3)*
ENG 240	Topics in Writing (3)
JRNL 238	Introduction to Journalism (3)
JRNL 306	Community Journalism (3)*
MUS 106	Music in Film (3)
MUS 107	Introduction to Music (3)
MUS 143	Guitar Class (3)
PSCI 101	American Federal Government (3)
PSCI 102	State and Local Government (3)
SOC 104	Introduction to Sociology (3)
SCJ225	Introduction to Criminal and Juvenile Justice (3)*
SCJ364	Drugs in American Society (3)*
SCJ351	Special Topics (3)*
THRE108	Acting I: Introduction to Acting (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Science in Public Relations

(124 Hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
ART219	Typography (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)

Communication Arts & Sciences

XXXX WAC – Writing Intensive (3)

Public Relations Core (27 hours)

COMM110 Survey of Mass Communication (3)
or COMM209 Interpersonal Communication (3)
COMM205 Public Relations I (3)
COMM210 Digital Media Production I (3)
COMM218 Introduction to Communication
Theory (3)
COMM280 Communication Ethics (3)
COMM314 Public Relations II: Campaign Writing
and Management (3)
COMM317 PR Performance and Production (3)
COMM330 Intercultural Communication (3)
COMM422 Capstone: Senior Experience in COMM
Arts (3)

Public Relations Electives (15 hours)

Choose 15 hours required from the following:

COMM109 Beginning Media Performance (3)
COMM 245 Strategic Public Relations (3)
COMM285 Podcasting, Audio and Radio Production
COMM302 Persuasion and Social Influence (3)
COMM303 Public Relations Tactics (3)
COMM 308: Mass Media Criticism (3)
COMM313 PRush Creative (1-3)
COMM338 Crisis Communication (3)
COMM339 Digital Media Production II (3)
COMM342 Public Relations and Organizational
Theory (3)
COMM399 Professional Internship (3)
COMM416 Topics in Communication Arts (3)

Public Relations Cognates (15 hours)

Choose 15 hours required from the following:

ART102 Digital Foundations (3)
ART215 Beginning Photography (3)
ART219 Typography (3)
ART228 Introduction to Graphic Design (3) *
ART338 Graphic Design- Digital Media (3) *
ENGL201 Persuasive Writing (3) *
ENGL 203 Creative Writing (3) *
ENG 240 Topics in Writing (3)*
ENGL 303 Advanced Writing (3)*
JRNL238 Introduction to Journalism (3)
MKTG230 Marketing (3)
MKTG331 Marketing Research (3)*
MKTG332 Consumer Behavior (3)*
MKTG333 Advertising and Promotions
Management (3) *
MKTG 338 Brand Management (3) *
MKTG 350 Email Marketing (3) *
MKTG351 Search Engine Optimization/ Search

Engine Marketing (3)*

MKTG352 Digital Marketing Analytics (3)*

MKTG353 Viral & Organic Growth (3)*

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**Courses marked with an asterisk have prerequisites.*

Bachelor of Fine Arts in Film Studies

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100 Introduction to College Writing (3)
CCC101 College Writing and Inquiry (3)
CCC102 Public Speaking (3)
ART102 Digital Foundations (3)
ESAT 100 Fitness / Wellness (2)
XXXX Humanities (3-4)
MLCX101 Language Requirement I (4)
MLCX 102 Language Requirement II (4)
MATH100/
MATH101 Math Skills (4)
XXXX Natural Science (3-4)
XXXX Cross Cultural Studies (3)
RELG/PHIL Religion / Philosophy (3)
XXXX Social Science Requirement (3-4)
XXXX WAC – Writing Intensive (3)

Film Studies Core (39 hours)

COMM109 Beginning Media Performance (3)
COMM110 Survey of Mass Communication (3)
COMM205 Public Relations I (3)
COMM210 Digital Media Production I (3)
COMM218 Introduction to Communication
Theory (3)
COMM280 Communication Ethics (3)
COMM308 Mass Communication Criticism (3)
COMM319 Film History (3)
COMM339 Digital Media Production II (3)
COMM387 Documentary Film (3)
COMM388 Fiction Filmmaking (3)
COMM390 Film BFA Career Workshop (3)
COMM422 Capstone: Senior Exp. in COMM Arts
(3)

**Associate of Arts in
Communication Arts and Sciences**
(62 Hours)

Film Studies Electives (6 hours)

Choose 6 credits required from the following:

COMM209	Interpersonal Communication (3)
COMM285	Podcasting, Audio and Radio Production (3)
COMM290	Live Stream Video & TV Production (3)
COMM302	Persuasion and Social Influence (3)
COMM314	PR II Campaign Writing and Management (3)
COMM317	PR Performance and Production (3)
COMM330	Intercultural Communication (3)
COMM342	Public Relations and Organizational Theory (3)
COMM349	Screenwriting (3)

Film Studies Cognates (15 hours)

ENGL203	Creative Writing (3) *
AHIS202	Western Art History II: Renaissance through Contemporary (3) *
ART102	Digital Foundations (3)
ART215	Beginning Photography (3)
ART219	Typography (3) *
ART228	Introduction to Graphic Design (3) *
ENGL210	Introduction to American Literature (3)
ENGL250	Special Topics in Literature (3)
ENGL303	Advanced Writing (3) *
JRNL238	Introduction to Journalism (3)
JRNL415	Focus on Journalism (3) *
THRE106	Introduction to Theatre (3)
THRE108	Introduction to Acting (3)
THRE310	Playwriting Workshop (3) *
THRE312	Production Design (Scenery and Lighting (3) *
MLCS370	Hispanic Film
MLCJ215	Japanese Film

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**Courses marked with an asterisk have prerequisites.*

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Communications Associate's Core (18 hours)

COMM109	Beginning Media Performance (3)
COMM110	Survey of Mass Communication (3)
COMM205	Public Relations I (3)
COMM210	Digital Media Production I (3)
COMM218	Introduction to Communication Theory (3)
COMM280	Communication Ethics (3)

Communications Electives (3 hours)

Choose 3 hours required from the following:

COMM209	Interpersonal Communication (3)
COMM239	Digital Media Production II (3)
COMM285	Podcasting, Audio and Radio Production (3)
COMM290	Live Stream Video & TV Production (3)
COMM302	Persuasion and Social Influence (3)
COMM308	Mass Communication Criticism (3)
COMM314	Public Relations II: Campaign Writing and Management (3)
COMM317	PR Performance and Production (3)
COMM319	Film History (3)
COMM330	Intercultural Communication (3)
COMM339	Advanced Digital Media Productions (3)
COMM342	Public Relations and Organizational Theory (3)
COMM416	Topics in Communication Arts (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Communication Arts & Sciences

Minor in Communication Arts and Sciences

(21 Hours)

Communications Minor Core (12 hours)

COMM109	Beginning Media Performance (3)
COMM110	Survey of Mass Communication (3)
COMM205	Public Relations I (3)
COMM218	Introduction to Communication Theory (3)
COMM280	Communication Ethics (3)

Communications Electives (9 hours)

Choose 9 hours required from the following:

COMM210	Digital Media Production I (3)
COMM218	Introduction to Communication Theory (3)
COMM239	Digital Media Production II (3)
COMM285	Podcasting, Audio and Radio Production (3)
COMM290	Live Stream Video & TV Production (3)
COMM302	Persuasion and Social Influence (3)
COMM308	Mass Communication Criticism (3)
COMM314	PR II Campaign Writing and Management (3)
COMM345	Sports Broadcasting (3)

II: Campaign Writing & Management (3)

COMM317	PR Performance and Production (3)
COMM319	Film History (3)
COMM330	Intercultural Communication (3)
COMM342	Public Relations and Organizational Theory (3)
COMM416	Topics in Communication Arts (3)

Minor in Media & Film Studies

24 Hours

Core (18 CH)

COMM109	Beginning Media Performance (3)
COMM210	Digital Media Production I (3)
COMM285	Podcasting, Audio and Radio Production (3)
COMM319	Film History (3)
COMM339	Digital Media Production II (3)
COMM349	Screenwriting (3)

Electives (6 CH)

Choose 6 Credit Hours From the following options:

MUS106	Music in Film (3)
MLCJ215	Japanese Film (3)
MLCS370	Hispanic Film (3)
COMM385	Advanced Audio Production (3)
COMM387	Documentary Filmmaking (3)
COMM388	Fiction Filmmaking (3)

Minor in Public Relations

(21 Hours)

COMM109	Beginning Media Performance (3)
COMM110	Survey of Mass Communication (3)
or COMM209	Interpersonal Communication (3)
COMM205	Public Relations I (3)
COMM210	Digital Media Production I (3)
COMM314	PR II Campaign Writing and Management (3)

II: Campaign Writing & Management (3)

COMM317	PR Performance and Production (3)
COMM330	Intercultural Communication (3)
or COMM342	Public Relations and Organizational Theory (3)

Choose one 3 credit hour elective from the following list:

COMM109	Beginning Media Performance (3)
COMM285	Podcasting, Audio and Radio Production (3)
COMM290	Live Stream Video & TV Production (3)
COMM 302	Persuasion and Social Influence (3)
COMM308	Mass Communication Criticism (3)
COMM342	Public Relations and Organizational Theory (3)
COMM239	Digital Media Production II (3)
COMM 345	Sports Broadcasting (3)
COMM416	Topics in Communication Arts (3)

Certificate in Multimedia Marketing

(18 hours)

ART102	Digital Foundations (3)
ART338	Graphic Design- Digital Media (3) *
COMM210	Digital Media Production I (3) *
MKTG350	Email Marketing (3) *
MKTG351	Search Engine Optimization/ Search Engine Marketing (SEO/SEM) (3)
MKTG353	Viral & Organic Growth (3)

**Courses marked with an asterisk have pre-requisites.*

Computer Science

Mission Statement

The Computer Science Department at Adrian College offers the following majors and minors:

Bachelor of Arts in Computer Science, Bachelor of Arts in Data Analytics, Bachelor of Arts in Game Development, Bachelor of Science in Computer Science, Bachelor of Science in Information Technology, minor in Computer Science, minor in Cloud Application Development, minor in Data Analytics, minor in Game Development and minor in Information Technology. In addition, the department offers the following certificates: Level I- Applied Computing Certificate, Level II – Applied Computing Certificate and Web Development Certificate. All these programs are designed to enable students gain applied and technical computing skills. Through active and creative learning, students in these programs will be able to produce computing-based solutions by applying theory, principles, and programming concepts that would impact on them and the society.

The Bachelor of Arts in Computer Science provides a substantial coverage of the fundamental areas of computer science and focuses more on applied concepts with concentration on web application development and culminates with a product launch in the Practicum course.

The Bachelor of Arts in Data Analytics provides students with comprehensive skills in data analysis, quantitative critical thinking, and experimental design. Through projects in business and engineering students will apply the data analytics concepts to real world applications.

The Bachelor of Arts in Game Development program equips students with the skills and knowledge necessary to enter graduate roles in the high-growth and competitive game development industry. These skills are a confluence of core programming competencies and more specialized game design principles.

The Bachelor of Science in Computer Science provides a substantial coverage of the fundamental areas of computer science theory, data structures and algorithms, concepts of programming languages, and software development. In addition, it exposes students to a wide range of areas of Computer Science which include computer architecture and organization, operating systems,

computer networks, and security. The program combines theoretical, technical, professional, and general education concepts that prepares students for careers and further study in the computing discipline. It is recommended that for the capstone project in computer science students engage with a local industry through the career planning institute at Adrian College to work on solving a computing problem to gain experiential learning in the discipline.

The Bachelor of Science in Information Technology offers students technical skills in web development, database management, operating system knowledge, programming, networking and hardware deployment. By the end of the program students will gain technical skills preparing them to sit for the Comptia A+ and Network+ examinations and take a variety of roles in Information Technology.

Several minor programs are also available to students who wish to have some applied computing skills to complement their areas of study. The minors in Computer Science, Computer Information Systems, Data Analytics, Game Development, Information Technology and Cloud Application Development provide foundation level skills. These programs will help students with a high-level of interest in these areas to develop additional skills independently in relation to their major fields of study.

Students graduating from these programs will gain applied and technical computing skills preparing them for a variety of roles within the Information Technology sector and/or to help them pursue further study in the areas of their study.

Bachelor of Arts in Computer Science

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH135	Calculus and Analytical Geometry I (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Computer Science B.A. Core (37-39 hours)

CS100	Internet History, Technology, and Security (3)
CS103	Programming for Everyone I (3)
CS104	Programming for Everyone II (3)
CS110	Web Development (3)
CS203	Introduction to C (3)
CS222	Microprocessors (3)
CS242	Data Structures (3)
CS311	Application Development I (3)
CS312	Application Development II (3)
CS341	Algorithms Analysis and Design (3)
CS399	Professional Internship (1-3)
CS411	Product Development (3)
CS491	Computer Science Practicum (3)

Computer Science B.A. Cognates (7 hours)

MATH135	Calculus and Analytical Geometry I (4)
MATH204	Elementary Statistics (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Arts in Data Analytics

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH135	Calculus and Analytic Geometry I (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Data Analytics B.A. Core (33 hours)

CS100	Internet History, Technology, and Security (3)
CS103	Programming for Everyone I (3)
CS104	Programming for Everyone II (3)
CS110	Web Development (3)
CS271	Foundations of Data Analytics I (3)
CS272	Foundations of Data Analytics II (3)
CS371	Principles and Techniques of Data Analytics I (3)
CS372	Principles and Techniques of Data Analytics II (3)
CS242	Data Structures (3)
CS341	Algorithms Analysis and Design (3)
CS479	Data Analytics Practicum (3)

Data Analytics B. A. Major Cognates (7 hours)

MATH135	Calculus and Analytic Geometry I (4)
MATH204	Elementary Statistics (3)

Data Analytics B. A. Electives (6 hours)

CS203	Introduction to C (3)
ECON322	Econometrics* (3)
MATH304	Theory of Probability* (3)
MATH 314	Theory of Mathematical Statistics* (3)
MKTG352	Digital Marketing Analytics* (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours

Computer Science

- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

+Department approval is required.

*These electives have prerequisites

Bachelor of Arts in Game Development

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH 135	Calculus & Analytical Geometry I
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Game Development Core (18 hours)

CS151	Introduction to Games (3)
CS251	Content & Systems Design (3)
CS353	Unity I - Working with Unity (3)
CS302	C# Programming (3)
CS453	Unity II - Advanced Unity Programming (3)
CS459	Capstone Project - Building a Game (3)

Computer Science Requirements (18 hours)

CS 103	Programming for Everyone I (3)
CS 104	Programming for Everyone II (3)
CS 203	Introduction to C (3)
CS 242	Data Structures (3)
CS 341	Algorithms Analysis and Design (3)
CS 399	Professional Internship+ (3)

Game Development Major Cognates (13 hours)

MATH 135	Calculus & Analytical Geometry I (4)
MATH 204	Elementary Statistics (3)
PSYC 100	General Psychology (3)
PSYC 311	Personality Theory & Research (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Science in Computer Science

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH135	Calculus and Analytical Geometry I (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Computer Science B.S. Core (43 hours)

CS101	Introduction to Computer Science (3)
CS103	Programming for everyone I (3)
CS104	Programming for everyone II (3)
CS110	Web Development (3)
CS242	Data Structures (3)
CS323	Computer Organization & Architecture (4)
CS325	Operating Systems (3)
CS326	Computer Networks (3)
CS343	Linear Programming and Graph Theory (3)
CS341	Algorithms Analysis and Design (3)
CS452	Software Engineering (3)
CS380	Database Design (3)
CS405	Object Oriented Design (3)
CS490	Capstone Project (3)

Tracks: Student are required to take 9 credit hours from the B.S. Elective courses. This will allow students to graduate in one of the following tracks.

Artificial Intelligence Track:

- CS473 Artificial Intelligence (3)
- CS474 Artificial Neural Networks (3)
- CS476 Machine Learning (3)

Data Science Track:

- CS381 Database Management Systems (3)

Computer Science

- CS476 Machine Learning (3)
- CS477 Clustering and Classification (3)

Cybersecurity Track:

- CS327 Network Security (3)
- CS463 Cryptography (3)
- CS465 Digital Forensics (3)

Computing Track:

Any 9 credit hours from the following B.S. Elective courses.

Computer Science B.S. Electives:

Choose 9 hours required from the following:

- CS300 Special topics in Computer Sci. (3)
- CS327 Network Security (3)
- CS345 Queueing Systems (3)
- CS355W Writing for Computer Science (3)
- CS381 Database Management Systems (3)
- CS399 Professional Internship (1 – 3)
- CS400 Special topics in Computer Sci. (3)
- CS401 Theory of Computation (3)
- CS403 Parallel & Distributed Computing (3)
- CS406 Programming Paradigms (3)
- CS463 Cryptography (3)
- CS465 Digital Forensics (3)
- CS473 Artificial Intelligence (3)
- CS474 Artificial Neural Networks (3)
- CS478 Computer Vision (3)
- CS476 Machine Learning (3)
- CS477 Clustering and Classification (3)
- CS475 Digital Image Processing (3)

Computer Science B.S. Cognates (25 hours)

- MATH135 Calculus and Analytical Geometry I (4)
- MATH205 Calculus and Analytical Geometry II (4)
- MATH216 Discrete Mathematics (3)
- MATH303 Linear Algebra and Matrices (3)
- MATH304 Theory of Probability (3)

Choose 8 hours required from the following:

- PHYS201 General Physics: Mechanics (3)
- PHYS203 General Physics: Mechanics Lab (1)
- PHYS202 General Physics: Thermodynamics and Electromagnetism (3)
- PHYS204 General Physics: Thermodynamics and Electromagnetism Lab (1)

OR

- CHEM105 General Chemistry I (3)
- CHEM117 Introductory Chemistry Lab. I (1)

- CHEM106 General Chemistry II (3)
- CHEM118 Introductory Chemistry Lab. II (1)

OR

- BIOL131 General Biology I – Molecules and Cells (4)
- BIOL132 General Biology II – Organismal Biology (4)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Science in Information Technology

(124 hours)

Skills / Distribution Requirements (41-45 hours)

- CCC100 Introduction to College Writing (3)
- CCC101 College Writing and Inquiry (3)
- CCC102 Public Speaking (3)
- XXXX ART (3)
- ESAT 100 Fitness / Wellness (2)
- XXXX Humanities (3-4)
- MLCX101 Language Requirement I (4)
- MLCX 102 Language Requirement II (4)
- MATH135 Calculus and Analytic Geometry I
- XXXX Natural Science (3-4)
- XXXX Cross Cultural Studies (3)
- RELG/PHIL Religion / Philosophy (3)
- XXXX Social Science Requirement (3-4)
- XXXX WAC – Writing Intensive (3)

Information Technology Core (47 hours)

- CS100 Internet History, Tech. and Security (3)
- CS103 Programming for Everyone I (3)
- CS104 Programming for Everyone II (3)
- CS110 Web Development (3)
- CS221 Introduction to Information Technology Systems (3)
- CS241 Cloud Computing Foundations (3)
- CS311 Application Development I (3)
- CS312 Application Development II (3)
- CS283 PostgreSQL (3)
- CS203 Introduction to C (3)
- CS222 Microprocessors (3)
- CS323 Computer Organization & Architecture (4)
- CS324 Operating Sys. & Computer Networks (4)
- CS421 Information Security and Data Protection (3)

Computer Science

CS429 Information Technology Capstone (3)

Information Technology Major Cognates (19 hours)

MATH135 Calculus and Analytic Geometry I (4)
MATH204 Elementary Statistics (3)
COMM342 Organizational Communication (3)
BUS101 Introduction to Business (3)
MGMT243 Organizational Behavior (3)
MGMT342 Information Technology and Project Management (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours.
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level.

Minor in Cloud Application Development

(24 Hours)

Cloud Application Development Minor Core (21 hours)

CS103 Programming for Everyone I (3)
CS104 Programming for Everyone II (3)
CS110 Web Development (3)
CS241 Cloud Computing Foundations (3)
CS242 Data Structures (3)
CS311 Application Development I (3)
CS349 Cloud Applications Practicum (3)

Cloud Application Development Minor Electives (3 hours)

Choose 3 hours required from the following:

CS221 Introduction to Information Technology Systems (3)
CS271 Foundations of Data Analytics I (3)
CS312 Application Development II (3)
CS341 Algorithms Analysis and Design (3)

Minor in Computer Science

(18 – 19 hours)

Computer Science Minor Core (15 hours)

CS101 Introduction to Computer Science (3)
CS103 Programming for Everyone I (3)
CS104 Programming for Everyone II (3)
CS110 Web Development (3)
CS242 Data Structures (3)

Computer Science Minor Electives (3-4 hours)

Choose 3-4 hours required from the following:

CS323 Computer Organization and Architecture (4)
CS341 Algorithms Analysis and Design (3)
CS380 Database Design (3)
CS399 Professional Internship+ (3)

+Department approval is required.

Minor in Data Analytics

(25 Hours)

Data Analytics Minor Core (18 hours)

CS103 Programming for Everyone I (3)
CS104 Programming for Everyone II (3)
CS271 Foundations of Data Analytics I (3)
CS272 Foundations of Data Analytics II (3)
CS371 Principles and Techniques of Data Analytics I (3)
CS372 Principles and Techniques of Data Analytics II (3)

Data Analytics Minor Core Cognates (7 hours)

MATH135 Calculus and Analytical Geometry I (4)
MATH204 Elementary Statistics (3)

Minor in Game Development

(21 Hours)

Game Development Minor Core (18 hours)

CS101 Intro to Computer Science (3)
CS103 Programming for Everyone I (3)
CS104 Programming for Everyone II (3)
CS151 Introduction to Games (3)
CS251 Content & Systems Design (3)
CS353 Unity I - Working with Unity (3)

Game Development Minor Electives* (3 hours)

Choose 3 hours required from the following:

CIS250 Advanced Web-Based Programming (3)
CS110 Web Development (3)
CS203 Introduction to C (3)
CS241 Cloud Computing Foundations (3)
CS 399 Professional Internship+ (3)

+Department approval is required.

*Some electives may have prerequisites.

Minor in Information Technology

Computer Science

(22 Hours)

Minor in Information Technology Core (19 hours)

CS101	Introduction to Computer Science (3)
CS103	Programming for Everyone I (3)
CS104	Programming for Everyone II (3)
CS221	Introduction to Information Technology Systems (3)
CS241	Cloud Computing Foundations (3)
CS323	Computer Organization and Architecture (4)

Information Technology Minor Electives (3 hours)

Choose 3 hours required from the following:

CS283	PostgreSQL (3)
CS224	Networking Technologies & Telecommunications (3)
CS242	Data Structures (3)
CS399	Professional Internship+ (3)

+Department approval is required.

Web Development Certificate*

(24 Hours)

*Complete Level I Applied Computing Certificate (12 Hours)

CIS250	Advanced Web-Based Programming (3)
CS283	PostgreSQL (3)
CS311	Application Development I (3)
CS312	Application Development II (3)

Level I - Applied Computing Certificate

(12 Hours)

CS101	Introduction to Computer Science (3)
CS103	Programming for Everyone I (3)
CS104	Programming for Everyone II (3)
CS110	Web Development (3)

Level II - Applied Computing Certificate*

(25 Hours)

*Complete Level I Applied Computing Certificate (12)

CIS201	Introduction to Data Science (3)
CIS201L	Introduction to Data Science Lab (1)
CIS250	Advanced Web-Based Programming (3)
CS242	Data Structures (3)
CS380	Database Design (3)

Data Management and Information Technology Certificate*

(27 Hours)

*Complete Level I Applied Computing Certificate (12)

CS221	Introduction to Information Technology (3)
CS224	Networking Technologies and Telecommunications (3)
CS242	Data Structures (3)
CS380	Database Design (3)
CS381	Database Management Systems (3)

Exercise Science and Athletic Training

Mission Statement

The departmental mission for all of our students is to develop the necessary creative and critical thinking skills required of responsible health and wellness professionals. By incorporating multiple academic disciplines and hands-on experiences, the department prepares students with a blend of scientific knowledge and practical application. Our graduates are well prepared to work in a variety of health, wellness and performance optimization fields.

The Department of Exercise Science and Athletic Training (ESAT) offers undergraduate majors in exercise science and physical education, as well as a graduate degree track in athletic training via the exercise science major. Within the exercise science major there are three options: exercise science, pre-professional (intended for graduate school preparation), and the exercise science/pre-athletic training which leads to the graduate program in athletic training.

The Exercise Science major is designed for students who are interested in utilizing their degree immediately upon graduation. All students earning this degree are required to complete a minor. While it should be understood that recipients of this degree option may need further educational preparation for graduate school, a minor will assist with marketability and job placement. Additionally, students should consider earning outside certifications (ACE, ACSM, CSCS, etc.), which will improve their opportunities upon graduation.

The Exercise Science/Pre-Professional major is designed for students pursuing future careers in health care, research and exercise science. With the proper pre-requisite courses, students may apply to physical therapy, occupational therapy, physician assistant or medical school. Additionally, students will also be prepared for advanced degrees (Master or Doctorate) in fields such as exercise physiology, sports psychology, pedagogy, or biomechanics. The Pre-Professional major is designed to ensure that students have most, if not all, of the required courses to enter a graduate program upon completion of the BS degree. As each graduate program requires slightly different entry requirements, students are strongly encouraged to work with their advisor to ensure that all requirements are completed upon graduation. Students should identify potential graduate schools by the end of their sophomore year to ensure adequate time to complete required courses.

The Physical Education major offers two options. The non-teaching major prepares highly effective and reflective young professionals with instructional techniques and skills to work with all age groups. Students graduating from this program are prepared to seek careers in youth activity programs, recreation, corporate fitness and sport-related commercial fields. Adrian College's Physical Education (K-12 teacher certification) major prepares highly effective and reflective young professionals with extensive professional field experience and instructional techniques to work with diverse multiage students in K-12 classrooms. Students will develop the knowledge, skills, and personal social skills to be effective, reflective movement educators pursuing healthy active lifestyle education throughout a lifetime.

The combined B.S. in Exercise Science / Pre-Athletic Training & M.S. in Athletic Training degree programs combine requirements from the Exercise Science major and Athletic Training major for the completion of two degrees in five years. Athletic trainers are board certified allied health care professionals who specialize in preventing, recognizing, managing and rehabilitating injuries that result from physical activity. Students who want to become athletic trainers must earn a degree from an accredited athletic training curriculum and pass a comprehensive national exam administered by the Board of Certification. In this 5 year accelerated master's degree program, years one and two of the Athletic Training Program comprise the Candidacy Phase, and then students apply to be the Graduate Professional Phase. During the Professional Phase (typically years 3-5), students will complete the combined degree program concurrently, that is, by completing the degree requirements for the bachelor's and master's degrees at the same time. By the end of the fourth year, students will have earned a B.S. in Exercise Science / Pre-Athletic Training and an M.S. in Athletic Training after year five.

Students graduating from the ESAT department often pursue careers in physical therapy, occupational therapy, athletic training, strength and conditioning and physical education. Other fields include physician assistant studies, nursing, prosthetics, medicine (osteopathic or allopathic), biomechanics, exercise physiology, growth and motor development, sport psychology, sport sociology, and sport administration. Our expert faculty help all students customize their course of study to meet the career goals of their choice.

Exercise Science and Athletic Training

Major Program Requirements – Exercise Science

All students majoring in Exercise Science must complete the core and cognate courses for the desired major. The options are:

Three Tracks:

B.S. Exercise Science

B.S. Exercise Science / Pre-Professional

B.S. Exercise Science / Pre-Athletic Training (this major leads to the M.S. in Athletic Training)

Bachelor of Science in Exercise Science

(124 hours and completion of a minor)

(Must complete Skills/ Distribution Requirements, Exercise Science core, Exercise Science Cognates, Exercise Science Electives, and a minor from another department.)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
XXXX	Math Skills (4)
BIOL101 OR BIOL131	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
PSYC 100	General Psychology (3)
XXXX	WAC – Writing Intensive (3)

Exercise Science Core (21 hours)

ESAT225	Human Anatomy (3)
ESAT240	Introduction to Research (3)
ESAT250	Human Physiology (3)
ESAT300	Kinesiology (3)
ESAT311	Exercise Physiology (3)
ESAT339	Principles of Strength & Conditioning (3)
ESAT350	Exercise Physiology Lab (1)
ESAT404	Capstone: Senior Seminar (2)

Exercise Science Cognates (14 hours)

BIOL101	Biology and Society (4)
or	

Or BIOL131 General Biology I – Molecules and Cells (4)

BIOL209 Human Nutrition (3)
or ESAT312 Sport Nutrition (3)
PSYC100 General Psychology (3)

Choose 4 of Chemistry OR Physics:

CHEM101 The World of Chemistry (4)
CHEM102 Kitchen Chemistry (4)
CHEM105 General Chemistry (3)
and CHEM117 Introductory Chemistry Lab I (1)
PHYS101 Introductory Physics (3)
and PHYS103 Introductory Physics Lab (1)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Science in Exercise Science:

Pre-Professional

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
XXXX	Math Skills (4)
BIOL101 or BIOL131	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
PSYC100	General Psychology (3)
XXXX	WAC – Writing Intensive (3)

Pre-Professional Core (18 hours)

ESAT225	Human Anatomy (3)
ESAT240	Introduction to Research (3)
ESAT250	Human Physiology (3)
ESAT300	Kinesiology (3)
ESAT311	Exercise Physiology (3)
ESAT350	Exercise Physiology Lab (1)
ESAT404	Capstone: Senior Seminar (2)

Pre-Professional Cognates (33-34 hours)

Exercise Science and Athletic Training

PSYC100	General Psychology (3)
PSYC211	Statistics for Psychology (4)
or MATH204	Elementary Statistics (3)
MATH115	Pre-Calculus Mathematics (4)
BIOL101	Biology and Society (4)
or	
Or BIOL131	General Biology I – Molecules and Cells (4)
BIOL209	Human Nutrition (3)
or ESAT312	Sport Nutrition (3)
CHEM105	General Chemistry I (3)
CHEM106	General Chemistry II (3)
CHEM117	Introductory Chemistry Laboratory I (1)
CHEM118	Introductory Chemistry Laboratory II (1)
PHYS101	Introductory Physics (3)
PHYS102	Introductory Physics II (3)
PHYS103	Introductory Physics Lab (1)
PHYS104	Introductory Physics Laboratory II (1)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

NOTE: Students should research other courses required by the graduate school to which they are applying.

Five Year Combined B.S. in Exercise Science and M.S. in Athletic Training

Athletic trainers are board certified allied health care professionals who specialize in preventing, recognizing, managing and rehabilitating injuries that result from physical activity. Students who want to become athletic trainers must earn a degree from an accredited athletic training curriculum and pass a comprehensive national exam administered by the Board of Certification.

For students interested in majoring in Athletic Training, years one and two comprise the Candidacy Phase, and then students apply to the Graduate Professional Phase. During the Professional Phase (typically years 3-5), students will complete the combined degree program concurrently, that is, by completing the degree requirements for the bachelor's and master's degrees at the same time. By the end of the fourth year of study, students will have earned a B.S. in Exercise Science / Pre-Athletic Training and an M.S in Athletic Training after year five.

Master of Science in Athletic Training Graduation Requirements

- Completion of B.S. degree program in Exercise Science / Pre-Athletic Training from Adrian College (external applicants will be considered based on successful completion of pre-requisite courses)
- Completion of remaining credits of Athletic Training Graduate Core (see retention and probation criteria for more specific information)

Note: Students who have completed all undergraduate requirements for Exercise Science / Pre-Athletic Training who opt not to continue with the post-graduate portion of the program may earn a B.S. in Exercise Science/Pre-Athletic Training upon completion of the capstone course ESAT404.

Athletic Training Professional Phase & Graduate Application

After the Candidacy Phase (typically after the second year of undergraduate study), students must apply to the graduate program through the athletic training program's application process.

Minimum Requirements for Admittance:

- Completed Graduate Program Application
- Minimum cumulative undergraduate GPA of 2.75
- Minimum GPA of 2.75 for pre-requisite courses
- Completion of the following courses with a grade of C or better: AT100, AT145, AT200, ESAT225, ESAT226, ESAT250, PSYC100, , the biology, physics and chemistry requirements (see pre-athletic training cognates)
- Interview with athletic training faculty
- Signed technical standards
- Proof of current CPR/BLS (or equivalent), certification
- Proof of first aid training
- Proof of up-to date immunizations required by Adrian College
- Signed Communicable Disease Policy

Professional Phase Retention:

Students will be evaluated each semester thereafter, and retention will be based on the following criteria. Students must:

- Maintain a minimum cumulative major GPA of 2.75 as undergraduate students, and a 3.0 as graduate students

Exercise Science and Athletic Training

- Maintain a minimum GPA of 3.0 in graduate level coursework
- Complete all required coursework with a grade of C or better

Professional Phase Probation:

Prior to completing the B.S. in Exercise Science/Pre-Athletic Training, students who do not meet minimum retention criteria will be placed on probation, and will have a maximum one year from the original probation date (from the date of the first offense, only) to rectify the deficiency. If deficiencies are not corrected within the one-year period, the student may be dismissed from the athletic training program. Moreover, students who do not earn the minimum grade requirements in athletic training clinical skills courses (AT501-506) will not be allowed to move on to the subsequent clinical skills course, or graduate. Finally, students do not meet the minimum criteria at the time of completion of the B.S. in Exercise Science/Pre-Athletic Training, they will not be allowed to continue with the final year of master's level coursework.

Transfer Students:

Information regarding Adrian College's transfer policies can be found in the Academic Catalog, under the Admissions section. Students wishing to transfer into the Athletic Training program will be held to the Professional Phase retention/probation standards listed in this catalog. Students should be aware that certain coursework may not transfer. Transfer acceptance is contingent on space availability, and performance level in the stated criteria.

BS in Exercise Science / Pre-Athletic Training and M.S in Athletic Training

B.S. Requirements: Students must complete the Skills/Distribution Requirements, Exercise Science/Pre-Athletic Training Core, Exercise Science/Pre-Athletic Training Cognates, and indicated Athletic Training Graduate Core classes.

M.S. Requirements: Completion of the Athletic Training Graduate Core.

Skills/Distributions Requirements (25-26 hours)

- XXXX Writing I (3)
- XXXX Writing II (3)
- XXXX Public Speaking (3)
- ESAT 100 Fitness / Wellness (2)

- MATH 101 Intermediate Algebra (4) *
- XXXX Natural Science (required for major) (4)*
- PSYC 100 Social Science (required for major) (3)*
- XXXX WAC – Writing Intensive (3-4)

Choose 5 out of 6 Skills/Distributions Courses (16-18 hours)

- XXXX ART (3)
- XXXX Humanities (3-4)
- MLCX101 Language Requirement I (4)
- MLCX 102 Language Requirement II (4)
- XXXX Cross-Cultural Studies (3)
- RELG/PHIL Religion / Philosophy (3)

*Certain courses may meet both college distribution/skills and Exercise Science/Pre-Athletic Training major requirements. See course listing below.

Exercise Science/Pre-Athletic Training Core (28 hours)

- AT100 Medical Terminology (2)
- AT145 Introduction to Athletic Training (1)
- AT145L Introduction to Athletic Training Lab (1)
- AT200 Pathology of Injury and Illness (3)
- ESAT225 Human Anatomy (3)
- ESAT 226 Human Anatomy Lab (1)
- ESAT250 Human Physiology (3)
- ESAT300 Kinesiology (3)
- ESAT311 Exercise Physiology (3)
- ESAT350 Exercise Physiology Lab (1)
- ESAT240 Introduction to Research (3)
- AT300 Introduction to Pharmacology (3)
- ESAT312 Sport Nutrition (3)
- or BIOL209 Human Nutrition (3)

Exercise Science/Pre-Athletic Training Cognates (20 hours)

- BIOL101 Biology and Society (4)
- or
- or
- Or BIOL131 General Biology I – Molecules and Cells (4)
- CHEM101 The World of Chemistry (4)
- or CHEM102 Kitchen Chemistry (4)
- or CHEM105 General Chemistry I (3)
- and CHEM117 Introductory Chemistry Lab I (1)
- MATH115 Pre-Calculus Mathematics (4)
- PSYC100 General Psychology (3)
- PHYS101 Introductory Physics I (3)
- and PHYS103 Introductory Physics Lab (1)

Exercise Science and Athletic Training

Athletic Training Graduate Core (63 hours)

AT500	The Practicing Athletic Trainer (2)
AT501	AT Clinical Skills I (1)
AT501-L	AT Seminar I (1)
AT502	AT Clinical Skills II (2)
AT502-L	AT Seminar II (1)
AT503	AT Clinical Skills III (2)
AT503-L	AT Seminar III (1) Click here to enter text.
AT504	AT Clinical Skills IV (2)
AT504-L	AT Seminar IV (1)
AT505	AT Clinical Skills V (2) ^
AT506	AT Clinical Skills VI (4) ^
AT510	Strength and Conditioning (3)
AT520	Research Methods (3) ^
AT521	Pre-Hospital Care I (1)
AT521-L	Pre-Hospital Care I Lab (1)
AT522	Pre-Hospital Care II (1)
AT522-L	Pre-Hospital Care II Lab (1)
AT530	Athletic Training Administration (3) ^
AT531	Examination and Diagnosis I (2)
AT531-L	Examination and Diagnosis I Lab (1)
AT532	Examination and Diagnosis II (2)
AT532-L	Examination and Diagnosis II Lab (1)
AT533	Examination and Diagnosis III (2)
AT533-L	Examination and Diagnosis III Lab (1)
AT540	Mental and Behavioral Health (3) ^
AT541	Therapeutic Interventions I (2)
AT541-L	Therapeutic Interventions I Lab (1)
AT542	Therapeutic Interventions II (2)
AT542-L	Therapeutic Interventions II Lab (1)
AT543	Therapeutic Interventions III (2) ^
AT543-L	Therapeutic Interventions III Lab (1) ^
AT550	Emergency Medical Services (5) ^
AT560	Exam Prep (1) ^
AT595	Capstone Course: AT Thesis I (4) ^
AT596	Capstone Course: AT Thesis II (4) ^

^indicates courses taken during the final year of the graduate program (typically the 5th year of study)

Bachelor of Arts in Physical Education
(Non-Teaching)
(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
BIOL101	Biology and Society (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Major Non-Teaching Track (28-30 Hours)

BIOL101	Biology and Society (4) Education (3)
ESAT225	Human Anatomy (3)
ESAT230	Motor Learning and Development (3)
ESAT246	Lifetime Fitness (3)
ESAT247	Organizational Sports (2)
ESAT248	Outdoor Education and Lifetime Activities (2)
ESAT250	Human Physiology (3)
ESAT333	Adapted Physical Education (2)
ESAT399	Professional Internship (3-5)
OR ESAT309	Theory and Practice (1)
ESAT402	Capstone: Administration of Physical Education and Sport (3)

General Elective

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

CERTIFICATE REQUIREMENT: Must have current certification in CPR/AED for adult and child, First Aid upon graduation.

Associate of Arts in Physical Education
(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Physical Education Core Requirements (23-24 hours)

BIOL101	Biology and Society (4)
ESAT225	Human Anatomy (3)
ESAT230	Motor Learning and Development (3)
ESAT246	Lifetime Fitness (3)
ESAT250	Human Physiology (3)
ESAT309	Theory & Practice (1)
ESAT333	Adapted Physical Education (2)

Choose 4-5 credits required from the following:

ESAT247	Organizational Sports (2)
ESAT248	Outdoor Education and Lifetime Activities (2)
ESAT339	Principles of Strength and Conditioning (3)
ESAT399	Professional Internship (1-12)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

CERTIFICATE REQUIREMENT: Students must have current certification in CPR/AED for adult and child and First Aid upon graduation.

Substitutions or waivers within this program must be approved by the Exercise Science Department.

Exercise Science and Athletic Training

Minor in Physical Education

(19-20 hours)

BIOL101	Biology and Society (4)
ESAT225	Human Anatomy (3)
ESAT230	Motor Learning and Development (3)
ESAT246	Lifetime Fitness (3)
ESAT333	Adapted Physical Education (2)

Choose 4-5 credits required from the following:

- ESAT247 Organizational Sports (2)
- ESAT248 Outdoor Education and Lifetime Activities (2)
- ESAT339 Principles of Strength and Conditioning (3)
- ESAT399 Professional Internship (1-12)

CERTIFICATE REQUIREMENT: Students must have current certification in CPR/AED for adult and child and First Aid upon graduation.

Substitutions or waivers within this program must be approved by the Exercise Science Department.

Geology and Environmental Science

Geology

Mission statement

The Geology program provides students with a strong foundation in geology that will prepare them for jobs in industry, graduate school, or K-12 education. The program encompasses strong field and laboratory components that enhance classroom learning experiences. Experiential learning in the field allows students to apply principles learned in the classroom and provides them with the background to better understand the world around them. The laboratory component provides the opportunity for creative problem solving and critically evaluating current issues in the geosciences. An integrated capstone course encompasses all of the above components and allows students to integrate geologic research with other related math and sciences fields. The geology program provides students the ability to address current geoscience issues from the scientific, environmental and political perspective as well as the ability to carry on a lifetime of learning.

Lab Fees

A modest lab fee will be charged to lab courses in order to supplement the cost of laboratory supplies.

Environmental Studies/ Environmental Science Program

Mission Statement

The environmental professions are a diverse assemblage of multidisciplinary fields, each of which provides an important role in protecting human health and the environment. Those individuals working as environmental professionals or academicians have a broad range of educational specializations but all share a fundamental background in the environmental sciences. The Environmental Studies/Science program provides students a strong foundation in the environmental sciences, as well as experiential learning in the field and laboratory setting, and through the Senior Research capstone requirement, all of which will prepare them for careers as environmental professionals and for graduate studies in both technical and non-technical fields. The program offers the degrees of Bachelor of Arts in Environmental Science and Bachelor of Arts in Environmental Studies. The Environmental Science degree is recommended for those students desiring to pursue a technical environmental career or graduate study in the natural sciences. The Environmental Studies degree is

recommended for those students desiring to pursue a non-technical environmental career or graduate study in the humanities or social sciences. Both degrees offer core and cognate programs that build strong backgrounds in environmental science and the natural sciences, which are fundamental to all the environmental professions. Recognizing that environmental careers require skills developed in other academic areas, students pursuing either the Environmental Science or Environmental Studies degree are required to complete a second major in another academic field. Related internships are strongly recommended.

Lab Fees

A modest lab fee will be charged to lab courses in order to supplement the cost of laboratory supplies.

Bachelor of Arts in Environmental Geology (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH115	Pre-Calculus Mathematics (4)
GEOL101	Physical Geology (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Environmental Geology Core (30 hours)

GEOL101	Physical Geology (4)
or GEOL107	Geology of National Parks (4)
GEOL102	Historical Geology (4)
ESS205	Environmental Geology (4)
GEOL307	Structural Geology (4)
GEOL314	Sedimentology and Stratigraphy (4)
GEOL318	Field & Laboratory Methods (4)
GEOL321	Contaminated Soil and Groundwater: Assessment and Remediation (4)
GEOL403	Capstone: Senior Research (2)

Environmental Geology Electives (3-4 hours)

Choose 3-4 hours required from the following:

Geology and Environmental Science

GEOL108	Natural Disasters (4)
GEOL199	Exploratory Internship (1-3)
GEOL299	Experimental Course (1-3)
GEOL301	Mineralogy (4)
GEOL302	Igneous & Metamorphic Petrology (4)
GEOL316	Paleontology (4)
GEOL319	Plate Tectonics (4)
GEOL320	US Geology Field Experience (1)
GEOL322	Petroleum Geology (3)
GEOL399	Professional Internship (1-12)
GEOL499	Advanced Experimental Course (1-3)

Environmental Geology Cognates (18-19 hours)

CHEM105	General Chemistry I (3)
CHEM117	Introductory Chemistry Laboratory I (1)
CS103	Programming for Everyone I (3)
ESS375	Geographic Information and Positioning Systems (4)*
MATH115 or MATH204	Pre-Calculus Mathematics (4) Statistics (3)

Choose 4 hours required from the following:

CHEM224	Organic Chemistry I (3)
and CHEM226	Organic Chemistry Laboratory (1)
CHEM106	General Chemistry II (3)
and CHEM118	Introductory Chemistry Laboratory II (1)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Arts candidates who plan to pursue a graduate degree are encouraged to take CHEM106 and CHEM118 which are usually required for entry into graduate school.

Bachelor of Arts in Environmental Science

(124 hours total)

REQUIRES A SECOND MAJOR

Second major recommendations:

Biology, Business Administration, Chemistry, Criminal Justice, Geology, International Studies, Physics, Political Science.

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)

ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
BIOL103	Plant Biology (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Environmental Science Core (13 hours)

ESS110	Introduction to Environmental Science (3)
ESS325	Environmental Problems and Solutions (3)
ESS375	Geographic Information and Positioning Systems (4)
ESS400	Capstone: Senior Research (2)
ESS401	Capstone: Research Presentation (1)

Environmental Science Cognates (28 hours)

Biology Cognates (8 hours)

BIOL103	Plant Biology (4)
BIOL217	Principles of Ecology (3)
BIOL218	Principles of Ecology Laboratory (1)

Chemistry Cognates (8 hours)

CHEM105	General Chemistry I (3)
CHEM117	Introductory Chemistry Laboratory I (1)

Choose one of the following:

CHEM224	Organic Chemistry I (3)
CHEM226	Organic Chemistry Lab (1)

OR

CHEM106	General Chemistry II (3)
CHEM118	Introductory Chemistry Laboratory II (1)

Geology Cognates (8 hours)

GEOL101	Physical Geology (4)
or GEOL107	Geology of National Parks (4)

Choose 4 hours required from the following:

ESS205	Environmental Geology (4)
GEOL301	Mineralogy (4)*
GEOL302	Igneous & Metamorphic Petrology (4)*
GEOL307	Structural Geology (4)*
GEOL314	Sedimentology & Stratigraphy (4)*
GEOL316	Paleontology (4)*
GEOL318	Field & Laboratory Methods (4)*
GEOL319	Plate Tectonics (4)*

Geology and Environmental Science

GEOL321 Contaminated Soil & Groundwater:
Assessment & Remediation (4)*

Mathematics Cognates (4 hours)

MATH115 Pre-Calculus Mathematics (4)

Note: Statistics (MATH 204) is also recommended.

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**Courses marked with an asterisk have prerequisites.*

Bachelor of Arts in Environmental Studies

(124 hours total)

REQUIRES A SECOND MAJOR

Second Major Recommendations:

Business Administration, Criminal Justice, English,
International Studies, Political Science.

Skills / Distribution Requirements (41-45 hours)

CCC100 Introduction to College Writing (3)
CCC101 College Writing and Inquiry (3)
CCC102 Public Speaking (3)
XXXX ART (3)
ESAT 100 Fitness / Wellness (2)
XXXX Humanities (3-4)
MLCX101 Language Requirement I (4)
MLCX 102 Language Requirement II (4)
MATH115 Pre-Calculus Mathematics (4)
GEOL101 Physical Geology (4)
XXXX Cross Cultural Studies (3)
RELG/PHIL Religion / Philosophy (3)
XXXX Social Science Requirement (3-4)
XXXX WAC – Writing Intensive (3)

Environmental Studies Core (17 hours)

ESS110 Introduction to Environmental
Science (3)
ESS205 Environmental Geology (4)
ESS325 Environmental Problems and Solutions (3)
ESS375 Geographic Information and Positioning
Systems (4)
ESS400 Capstone: Senior Research (2)
ESS401 Capstone: Research Presentation (1)

Environmental Studies Cognates (19 hours)

GEOL101 Physical Geology (4)
or GEOL107 Geology of National Parks (4)
MATH115 Pre-Calculus Mathematics (4)

Biology Cognates (4 hours)

BIOL101 Biology and Society (4)
or
BIOL131 General Biology I – Molecules and Cells (4)

Chemistry Cognates (4 hours)

CHEM105 General Chemistry (3)
CHEM117 Introductory Chemistry Laboratory I (1)

Humanities/Social Science Cognate (3 hours)

Choose 3 hours required from the following:

ECON223 Economics of Developing Countries (3)
ECON315 Globalization (3)*
ENGL201 Persuasive Writing (3)*
ENGL231 Issues in Writing Studies (3)*
JRNL238 Introduction to Journalism (3)
LDRS360 Leadership and Ethics (3)*
PHIL304 Ethics (3)*
PSCI205 Introduction to Public Policy (3)
PSCI245 Environmental Politics (3)
PSCI315 Globalization (3)*
PSYC214 Social Psychology (3)*
RELG340 Religion of Environmental Ethics (3)**
SOC309 Urban Sociology (3)
or 200+ Topics course in any Humanities or Social
Science department with a strong environmental-related
component. +

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**Courses marked with an asterisk have prerequisites.*

+ requires approval from the Department Chair.

Bachelor of Arts in Geology

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100 Introduction to College Writing (3)
CCC101 College Writing and Inquiry (3)
CCC102 Public Speaking (3)
XXXX ART (3)
ESAT 100 Fitness / Wellness (2)
XXXX Humanities (3-4)

Geology and Environmental Science

MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH115	Pre-Calculus Mathematics (4)
GEOL101	Physical Geology (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Arts candidates who plan professional geology careers are strongly encouraged to include in their degree programs the following courses, which are usually required for entry into graduate school: PHYS101 and PHYS102.

Geology B. A. Core (34 hours)

GEOL101	Physical Geology (4)
or GEOL107	Geology of National Parks (4)
GEOL102	Historical Geology (4)
GEOL301	Mineralogy (4)
GEOL302	Igneous and Metamorphic Petrology (4)
GEOL307	Structural Geology (4)
GEOL314	Sedimentology and Stratigraphy (4)
GEOL316	Paleontology (4)
GEOL318	Field and Laboratory Methods (4)
GEOL403	Capstone: Senior Research (2)

Geology B.A. Cognates (11-12 hours)

CHEM105	General Chemistry I (3)
CHEM117	Introductory Chemistry Laboratory I (1)
MATH115	Pre-Calculus Mathematics (4)

Choose one course required from the following:

MATH135	Calculus & Analytic Geometry I (4)
MATH204	Statistics (3)
MATH205	Calculus & Analytic Geometry II (4)
CS103	Programming for Everyone I (3)
ESS375	Geographic Information and Positioning Systems (4)
PHYS101	Introductory Physics I (3)
and PHYS103	Introductory Physics Laboratory I (1)
PHYS102	Introductory Physics II (3)
and PHYS104	Introductory Physics Laboratory II (1)
PHYS201	General Physics: Mechanics (3)
PHYS203	General Physics: Mechanics Lab (1)
PHYS202	General Physics: Thermodynamics and Electromagnetism
PHYS204	General Physics: Thermodynamics and Electromagnetism Lab
CHEM106	General Chemistry II (3)
and CHEM118	Introductory Chemistry Laboratory II (1)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours

Bachelor of Science in Geology

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH115	Pre-Calculus Mathematics (4)
GEOL101	Physical Geology (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Geology B.S. Core (34 hours)

GEOL101	Physical Geology (4)
or GEOL107	Geology of National Parks (4)
GEOL102	Historical Geology (4)
GEOL301	Mineralogy (4)
GEOL302	Igneous and Metamorphic Petrology (4)
GEOL307	Structural Geology (4)
GEOL314	Sedimentology and Stratigraphy (4)
GEOL316	Paleontology (4)
GEOL318	Field and Laboratory Methods (4)
GEOL403	Capstone: Senior Research (2)

Geology B.S. Cognates (32 hours)

CHEM105	General Chemistry I (3)
CHEM106	General Chemistry II (3)
CHEM117	Introductory Chemistry Laboratory I (1)
CHEM118	Introductory Chemistry Laboratory II (1)
ESS375	Geographic Information and Positioning Systems (4)
MATH115	Pre-Calculus Mathematics (4)
MATH135	Calculus & Analytic Geometry I (4)
MATH205	Calculus & Analytic Geometry II (4)

Geology and Environmental Science

PHYS201	General Physics: Mechanics (3)
PHYS203	General Physics: Mechanics Lab (1)
PHYS202	General Physics: Thermodynamics and Electromagnetism
PHYS204	General Physics: Thermodynamics and Electromagnetism Lab

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Computer Information Systems is recommended. Many graduate schools require a summer field course that is available at several field camps operated by major universities.

Associate of Arts in Geology

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Geology Associate's Core (8 hours)

GEOL101	Physical Geology (4)
or GEOL107	Geology of National Parks (4)
GEOL102	Historical Geology (4)

Geology 300- level Electives (10-12 hours)

Choose 10-12 credits required from the following:

GEOL301	Mineralogy (4)
GEOL302	Igneous and Metamorphic Petrology (4)
GEOL307	Structural Geology (4)
GEOL314	Sedimentology and Stratigraphy (4)
GEOL316	Paleontology (4)
GEOL318	Field and Laboratory Methods (4)
GEOL319	Plate Tectonics (4)
GEOL320	US Geology Field Experience (1)
GEOL321	Contaminated Soil and Groundwater: Assessment and Remediation (4)
GEOL322	Petroleum Geology (3)
GEOL399	Professional Internship (1-12)
GEOL499	Advanced Experimental Course (1-3)

GEOL399	Professional Internship (1-12)
GEOL499	Advanced Experimental Course (1-3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in Geology

(18-20 hours)

Geology Core (8 hours)

GEOL101	Physical Geology (4)
or GEOL107	Geology of National Parks (4)
GEOL102	Historical Geology (4)

Geology 300- level Electives (10-12 hours)

Choose 10-12 credits required from the following:

GEOL301	Mineralogy (4)
GEOL302	Igneous and Metamorphic Petrology (4)
GEOL307	Structural Geology (4)
GEOL314	Sedimentology and Stratigraphy (4)
GEOL316	Paleontology (4)
GEOL318	Field and Laboratory Methods (4)
GEOL319	Plate Tectonics (4)
GEOL320	US Geology Field Experience (1)
GEOL321	Contaminated Soil and Groundwater: Assessment and Remediation (4)
GEOL322	Petroleum Geology (3)
GEOL399	Professional Internship (1-12)
GEOL499	Advanced Experimental Course (1-3)

Honors Program

Mission Statement

The purpose of the Adrian College Honors Program is to provide students who are both talented and motivated with the chance to challenge themselves intellectually. The curriculum is inspired by the Adrian College Mission statement and focuses on the ideals expressed there: truth, human dignity, excellence, and justice.

Admissions

Incoming students must have a 3.6/4.0 high school GPA and a composite ACT of 25 or SAT of 1200. The deadline for applications is July 1st.

Students already enrolled at Adrian College may apply for acceptance in the Honors Program. They must have achieved a 3.5 cumulative GPA at Adrian College. The deadline is March 1st. Applications for current Adrian College Students are available on the Honors Program website:

<http://www.adrian.edu/academics/HONR/application_current.php>.

Retention Criteria

In order to be retained students must met the following criteria:

- A minimum cumulative GPA of 3.5
- Satisfactory progress toward fulfilling course requirements

Probation and Expulsion

If a student has gone for more than two semesters without taking an honors course, he/she will be placed on probation and must sign up for an honors class for the following semester in order to be retained in the program.

Students whose cumulative GPA is between 3.00-3.49 will be placed on probation. In order to be retained in the program, they must bring their cumulative GPAs up to a 3.5 by the end of the semester in which they receive their probation notice letters.

Students with a cumulative GPA that is below 3.00 will be dropped from the program without a probationary period.

Appeals Process

If a student is making steady progress towards rectifying deficiencies in his or her academic record and needs more time than the one semester of probation to fully meet the retention criteria, the student may appeal to the Honors Director within 30 days following the notice of removal from the Honors Program. In order to register an appeal, the student must write a letter to the Honors Director that includes the following information:

Any special circumstances that help to explain the student's performance (illness, family emergency, etc.)

The student's plan for improving his or her academic performance.

Honors Program Requirements

(7-11 hours)

Honors Colloquia (3 hours)

HONR101 Honors Colloquium (1)

HONR101 Honors Colloquium (1)

HONR101 Honors Colloquium (1)

Advanced Scholarship (1-4 hours)

HONR301 Advanced Colloquium (1)

or HONR390 Pre-Professional Scholar (1-3)

Pre-approved Off Campus Experience (Study Abroad or Professional Internship)

Off-campus experience (3)

Honors Options Courses

Complete 4 courses required from the following:

HONR499 Honors Option (0)

HONR499 Honors Option (0)

HONR499 Honors Option (0)

HONR499 Honors Option (0)

Note: Students must maintain a 3.5 GPA.

Forms for the Honors Options, as well as forms for HONR390 and HONR499 are available from the Honors Program webpage:

<http://adrian.edu/academics/honors-program>

Humanities

English/Journalism

History

Modern Languages

Philosophy and Religion

English Studies and Journalism

Mission Statement

The program in English Studies teaches students to become critical and creative thinkers who interpret and produce a variety of literary and non-literary texts. Drawing from the disciplines of literature, writing studies, creative writing, and English language and linguistics, the English degree is interdisciplinary and provides students with a foundation in English studies.

English majors are prepared for a diversity of careers that include not only teaching, professional writing, editing, and publishing, but also careers in marketing, public relations, information technology, or any field requiring superior communication skills, making it an excellent choice for a minor as well. The English degree also serves as an outstanding pathway to graduate and professional programs, including medical and law school. Exceptional reading and writing skills are the foundation for success in any advanced areas of study or professions.

By providing a wide range of courses in literature and writing, our program engages students in the creative and analytical production of texts while introducing theoretical and historical frameworks of literature, writing, language, and literacy. All English Studies courses incorporate the study and use of digital literacies. Within English Studies, we promote excellence in researching and writing strategies that will serve students throughout a lifetime of learning. We approach writing and literature as a means to developing creativity through artistic expression, as well as the means of practicing critical thinking and taking action in the world. We understand genre and language as key media through which to evaluate and influence the forces shaping human experience. By crossing textual and disciplinary boundaries through the study of literature and writing, we invite our students to identify and produce new ways of caring for humanity and the world.

Students majoring in English Studies will complete an individually customized curriculum from a variety of literature and writing courses that culminates in an original capstone project during the senior capstone seminar.

Major Program Requirements:

Students majoring in English must complete 36 credit hours within English Studies. A grade of C or better is required for most prerequisite courses in English.

Bachelor of Arts in English

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

English Core Requirements (21 hours)

ENGL102	Human Textuality: Introduction to English Studies (3)
ENGL203	Creative Writing (3)
ENGL208	Introduction to British Literature (3)
ENGL210	Introduction to American Literature (3)
ENGL231	Issues in Writing Studies (3)
ENGL332	English Language (3)
ENGL402	English Capstone (3)

English Electives (15 hours)

Choose three credit hours at the 300-level from the Literature electives listed below (3).

Choose three credit hours at the 300-level from the Writing electives listed below (3).

Choose an additional 9 credit hours at the 200, 300, or 400-level from the Literature, Writing or Special and Advanced courses listed below (9).

Humanities

Literature Electives:

ENGL250	Special Topics in Literature (3)
ENGL255	Studies in Non-Western Literature (3)
ENGL285	Literature in Focus (1-2)
ENGL330	Advanced Topics in Literature (3)
ENGL352	Shakespeare (3)
ENGL358	Intermediate Studies in British Literature (3)
ENGL368	Intermediate Studies in American Literature (3)

Writing Electives:

ENGL201	Persuasive Writing (3)
ENGL240	Special Topics in Writing (3)
ENGL303	Advanced Writing (3)
ENGL304	Advanced Creative Writing: Poetry (3)
ENGL305	Advanced Creative Writing: Fiction (3)
ENGL306	Advanced Creative Writing: Drama (3)
ENGL310	Teaching Writing (3)

Special and Advanced Courses:

ENGL199	Exploratory Internship (1-3)
ENGL299	Experimental Course (1-3)
ENGL399	Professional Internship (1-12)
ENGL451	Independent Study (1-3)
ENGL499	Advanced Experimental Course (3)

General Electives

General elective credit hours will vary, dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

ENGLISH LANGUAGE ARTS (Grades 7-12)

Required Methods for Secondary Certification

T ED345 Secondary Methods and Materials (3)

T ED345L: Clinical Experience (1)

MTTC Test Required for BV Endorsement

#130 English Language Arts (Grades 7-12)

#136 Professional Knowledge and Skills (Grades 7-12)

Secondary Education Major (36 hours)

English Major Core (36 hours)

ENGL102	Human Textuality: Introduction to English Studies (3)
ENGL201	Persuasive Writing (3)
ENGL203	Creative Writing (3)
ENGL208	Introduction to British Literature (3)
ENGL210	Introduction to American Literature (3)
ENGL231	Issues in Writing Studies (3)

ENGL310	Teaching Writing (3)
ENGL332	English Language (3)
ENGL358	Intermediate Studies in British Literature (3)
ENGL368	Intermediate Studies in American Literature (3)
ENGL402	Capstone (3)
T ED348	Adolescent Literature (3)

Secondary Education Minor (30 hours)

English Minor Core (30 hours)

ENGL102	Human Textuality: Introduction to English Studies (3)
ENGL201	Intermediate Writing (3)
ENGL203	Creative Writing (3)
ENGL208	Intro to British Literature (3)
ENGL210	Introduction to American Literature (3)
ENGL231	Issues in Writing Studies (3)
ENGL310	Teaching Writing (3)
ENGL332	English Language (3)
T ED348	Adolescent Literature (3)

Associate of Arts in English

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

English Associate's Core (9 hours)

ENGL102	Human Textuality: Introduction to English Studies (3)
ENGL231	Issues in Writing Studies (3)

Choose one course required from the following:

ENGL210	Introduction to American Literature (3)
ENGL208	Introduction to British Literature (3)

English Associate's Electives (12 hours)

Choose three credit hours at the 300-level from the Literature, Writing or Special and Advanced courses listed below (3).

Humanities

Choose nine credit hours at the 200, 300, or 400-level from the Literature, Writing or Special and Advanced courses listed below (9).

Literature Electives:

ENGL250	Special Topics in Literature (3)
ENGL255	Studies in Non-Western Literature (3)
ENGL285	Literature in Focus (1-2)
ENGL330	Advanced Topics in Literature (3)
ENGL352	Shakespeare (3)
ENGL358	Intermediate Studies in British Literature (3)
ENGL368	Intermediate Studies in American Literature (3)

Writing Electives:

ENGL201	Persuasive Writing (3)
ENGL203	Creative Writing (3)
ENGL240	Special Topics in Writing (3)
ENGL303	Advanced Writing (3)
ENGL304	Advanced Creative Writing: Poetry (3)
ENGL305	Advanced Creative Writing: Fiction (3)
ENGL306	Advanced Creative Writing: Drama (3)
ENGL310	Teaching Writing (3)
ENGL332	English Language (3)

Special and Advanced Courses:

ENGL199	Exploratory Internship (1-3)
ENGL299	Experimental Course (3)
ENGL399	Professional Internship (1-12)
ENGL451	Independent Study (1-3)
ENGL499	Advanced Experimental Course (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in English

(18 hours)

English Minor Core (9 hours)

ENGL102	Human Textuality: Introduction to English Studies (3)
ENGL231	Issues in Writing Studies (3)

Choose one course required from the following:

ENGL210	Introduction to American Literature (3)
ENGL208	Introduction to British Literature (3)

English Minor Electives (9 hours)

Choose three credit hours at the 300-level from the Literature, Writing or Special and Advanced courses listed below (3).

Choose six credit hours at 200, 300, or 400-level from the Literature, Writing or Special and Advanced courses listed below (6).

Literature Electives:

ENGL250	Special Topics in Literature (3)
ENGL255	Studies in Non-Western Literature (3)
ENGL285	Literature in Focus (1-2)
ENGL330	Advanced Topics in Literature (3)
ENGL352	Shakespeare (3)
ENGL358	Intermediate Studies in British Literature (3)
ENGL368	Intermediate Studies in American Literature (3)

Writing Electives:

ENGL201	Persuasive Writing (3)
ENGL203	Creative Writing (3)
ENGL240	Special Topics in Writing (3)
ENGL303	Advanced Writing (3)
ENGL304	Advanced Creative Writing: Poetry (3)
ENGL305	Advanced Creative Writing: Fiction (3)
ENGL306	Advanced Creative Writing: Drama (3)
ENGL310	Teaching Writing (3)
ENGL332	English Language (3)

Special and Advanced Courses:

ENGL199	Exploratory Internship (1-3)
ENGL299	Experimental Course (3)
ENGL399	Professional Internship (1-12)
ENGL451	Independent Study (1-3)
ENGL499	Advanced Experimental Course (3)

Minor in Journalism

(24 hours)

Journalism Core (21 hours)

ENGL102	Human Textuality: Introduction to English Studies (3)
ENGL201 or ENGL203	Persuasive Writing (3) Creative Writing (3)
ENGL210 or ENGL208 or ENGL250	Introduction to American Literature (3) Introduction to British Literature (3) Special Topics in Literature (3)
JRNL151	Publications Activities (1)*

Humanities

JRNL151	Publications Activities (1)*
JRNL151	Publications Activities (1)*
JRNL238	Introduction to Journalism (3)
JRNL306	Community Journalism (3)
JRNL415	Focus on Journalism (3)

Journalism Cognates (3 hours)

COMM205	Public Relations I (3)
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**may also take ENGL151 to fulfill this requirement. Note:
ENGL151/JRNL151 may be taken up to 5 times for credit.*

History

Mission Statement

The History program at Adrian College gives students tools not only for analyzing the past, but also for understanding the developments and challenges of the present and future.

By exploring diverse regions of the world, developing their abilities to think critically, and challenging themselves to develop logical arguments supported by material evidence, students gain an understanding of world history that prepares them for post graduate education and gives them the research and critical thinking skills for work in any field.

The History curriculum supports all of the Ribbons of Excellence in a variety of ways. It most comprehensively fosters critical thinking, but it also routinely crosses boundaries and disciplines by making connections between historical events and arts and culture, for example. Various courses emphasize the development of creativity, particularly the capstone course, which requires students to develop their own original research question and think creatively about finding the necessary sources. The History curriculum also emphasizes caring for humanity and the world in its focus on diverse cultures and peoples, fostering an appreciation of – and hopefully care for – the larger world. Finally, the History faculty exemplifies the learning throughout a lifetime ribbon for their students through their own continued pursuit of scholarship and inquiry.

History classes are interactive, are based on rigorous discussions, and employ group projects, various media, and field trips. In addition, the History professors at Adrian College help students become better communicators by teaching students how to write and speak more effectively. The faculty prepares students for diverse careers requiring skills in research, communication and analysis in professional fields such as teaching, law, business, journalism, museum studies and information management.

Majors and minors are encouraged to take additional courses in the arts and humanities, the natural sciences and mathematics, and the behavioral and social sciences that complement and enrich their educational and career goals. The departmental faculty members will assist students in choosing such courses through academic advising. Students planning graduate work in history should acquire a reading knowledge of one or more foreign languages and/or a basic knowledge of statistics relevant to their specific program of study.

Major Program Requirements

All Students majoring in History must complete a department approved experiential component. This is fulfilled through either an internship, external academic experience or through a college-approved Study Abroad experience.

Bachelor of Arts in History

(124 Hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

History Core (9 hours)

HIST295	Historical Theories and Methods (3)
HIST408	Research Preparation (3)
HIST409	Senior Research Capstone (3)

History Electives (24 hours)

Note: at least 9 credits must be at the 300/400 level

Choose 6 hours from the following Non-Western courses:

HIST130	Chinese History I (3)
HIST131	Chinese History II (3)
HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)
HIST285	Medieval China (3)
HIST350	History of Chinese Philosophy (3)
HIST355	History and Memory of the Atomic Bombings (3)

Choose 6 hours from the following European courses:

HIST123	Global History I (3)
HIST124	Global History II (3)
HIST213	Women and Gender in the Cold War (3)

Humanities

HIST246	Refugees in Modern History (3)
HIST305	History of the Soviet Union (3)
HIST321	Perspectives on Nazi Germany (3)

Choose 6 hours from the following American courses:

HIST105	U.S. History to 1876 (3)
HIST106	U.S. History since 1865 (3)
HIST214	Gender and Sexuality in U.S. History (3)
HIST241	History of Slavery (3)
HIST242	The Civil Rights Movement (3)
HIST250	History of American Capitalism (3)
HIST361	The “American Century” (3)
HIST363	Topics in American Social History (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

HISTORY

Required Methods for Secondary Certification

T ED345	Secondary Methods and Materials (3)
T ED345L:	Clinical Experience (1)

MTTC Test Required for CC Endorsement:
#09 (History)

Secondary Education Major (37 hours)

History Major Core (24 hours)

HIST105	U.S. History to 1876 (3)
HIST106	U.S. History since 1865 (3)
HIST123	Global History I (3)
HIST124	Global History II (3)
HIST295	Historical Theories and Methods (3)
HIST361	The “American Century” (3)
HIST408	Research Preparation (3)
HIST409	Senior Research Capstone (3)

History Major Electives (6 hours)

Choose 6 hours required from the following:

HIST305	History of the Soviet Union (3)
HIST314	History of the Modern Middle East (3)
HIST321	Perspectives on Nazi Germany (3)
HIST355	History and Memory of the Atomic Bombings (3)

History Major Cognates (9 hours)

ESS104	Regional Geography (3)
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PSCI101	American Federal Government (3)
ECON202	Principles of Macroeconomics (3)

Secondary Education Minor (27 hours)

History Minor Core (18 hours)

HIST105	U.S. History to 1876 (3)
HIST106	U.S. History since 1865 (3)
HIST123	Global History I (3)
HIST124	Global History II (3)
HIST295	Historical Theories and Methods (3)
HIST361	The “American Century” (3)

History Minor Cognates (9 hours)

ESS104	Regional Geography (3)
PSCI101	American Federal Government (3)
ECON202	Principles of Macroeconomics (3)

Associate of Arts in History (62 Hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

History Associate’s Core (3 hours)

HIST295	Historical Theories and Methods (3)
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History Associate’s Electives (18 hours)

Note: at least 6 elective credits must be completed at the 300-400 level

Choose 6 hours from the following Non-Western courses:

HIST130	Chinese History I (3)
HIST131	Chinese History II (3)
HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)
HIST285	Medieval China (3)
HIST350	History of Chinese Philosophy (3)
HIST355	History and Memory of the Atomic Bombings (3)

Choose 6 hours from the following European courses:

HIST123	Global History I (3)
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Humanities

HIST124	Global History II (3)
HIST213	Women and Gender in the Cold War (3)
HIST246	Refugees in Modern History (3)
HIST305	History of the Soviet Union (3)
HIST321	Perspectives on Nazi Germany (3)

HIST105	U.S. History to 1876 (3)
HIST106	U.S. History since 1865 (3)
HIST214	Gender and Sexuality in U.S. History (3)
HIST241	History of Slavery (3)
HIST242	The Civil Rights Movement (3)
HIST250	History of American Capitalism (3)
HIST361	The “American Century” (3)
HIST363	Topics in American Social History (3)

Choose 6 hours from the following American courses:

HIST105	U.S. History to 1876 (3)
HIST106	U.S. History since 1865 (3)
HIST214	Gender and Sexuality in U.S. History (3)
HIST241	History of Slavery (3)
HIST242	The Civil Rights Movement (3)
HIST250	History of American Capitalism (3)
HIST361	The “American Century” (3)
HIST363	Topics in American Social History (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in History (21 Hours)

HIST295	Historical Theories and Methods (3)
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History Minor Electives (18 hours)

Note: at least 6 elective credits must be completed at the 300-400 level

Choose 6 hours from the following Non-Western courses:

HIST130	Chinese History I (3)
HIST131	Chinese History II (3)
HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)
HIST285	Medieval China (3)
HIST350	History of Chinese Philosophy (3)
HIST355	History and Memory of the Atomic Bombings (3)

Choose 6 hours from the following European courses:

HIST123	Global History I (3)
HIST124	Global History II (3)
HIST213	Women and Gender in the Cold War (3)
HIST246	Refugees in Modern History (3)
HIST305	History of the Soviet Union (3)
HIST321	Perspectives on Nazi Germany (3)

Choose 6 hours from the following American courses:

Modern Languages and Cultures

Mission Statement

The Program in Modern Languages and Cultures serves the Adrian College Basic Educational Proficiency requirement in the following languages: American Sign Language, French, German, Japanese, Spanish, and other languages when available. The MLC Department prepares students in the languages, cultures, and literatures of the Spanish, German, and Japanese-speaking peoples, through a series of required and elective courses, a study-abroad experience, and a senior capstone research project for majors. Students graduating in MLC will be expected to demonstrate proficiency in speaking, listening, writing, and reading in their chosen language in a cultural context. The program prepares students to become critical thinkers and lifelong learners in a globalized community, with an understanding of and sensitivity towards diverse cultures.

In addition to a minor in German, we offer majors and minors in Japanese Studies and Spanish.

All language majors, as well as minors in the Teacher Education program, are required to improve their language competencies through a relevant College-approved foreign study program (12-week minimum, fall or spring semester preferred). The faculty offers close guidance to students in planning such an experience. Members of the language faculty occasionally conduct study/travel trips to foreign countries. Majors and Minors in the Teacher Education program are also required to take MLC 490 (Study Abroad Capstone Seminar) after their return from abroad.

Course work and off-campus experiences, including internships in related practical experience programs, are supplemented by on-campus opportunities such as language clubs, guest native speakers, and foreign films and publications.

Bachelor of Arts in Japanese Studies

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)

XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Japanese Studies Major Core (12 hours)

MLCJ201	Japanese III (3)
MLCJ201L	Japanese III Lab (1)
MLCJ202	Japanese IV (3)
MLCJ202L	Japanese IV Lab (1)
MLCJ491	Senior Research (2)
MLCJ492	Senior Research Presentation (2)

Japanese Studies Major Cognates (6 hours)

Choose 6 hours required from the following:

HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)
HIST355	History and Memory of the Atomic Bombings (3)*
RELG302	Studies in Eastern Religion: Japan (3)*
MLCJ350	Advanced Japanese Language (3)

Japanese Studies Major Electives (17 hours)

The Japanese Studies electives generally will be completed during a semester at Kansai Gaidai:

- 1 course in spoken Japanese above the MLCJ202 level (5 hours)
- 1 course in reading and writing Japanese (3 hours)
- 9 additional hours of MLCJ courses at the 300-400 level

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**Courses marked with an asterisk have prerequisites.*

JAPANESE

Required Methods for Secondary Certification

T ED300	Clinical Experience (1)
T ED339	Teaching Modern Languages in K-12 Schools (2)

MTTC Test Required for FL Endorsement:

#100 (Japanese)

Humanities

Required Methods for K-12 Certification

T ED300	Clinical Experience (1)
T ED339	Teaching Modern Languages in K-12 Schools (2)

MTTC Test Required for FL Endorsement:
#100 (Japanese)

Secondary Education Major (31 hours)

Japanese Major Core (8 hours)

MLCJ350	Advanced Japanese Language (3)
MLCJ490	Study Abroad Capstone Seminar (1)
MLCJ491	Senior Research (2)
MLCJ492	Senior Research Presentation (2)

Japanese Major Electives (17 hours)

The Japanese Electives will be completed during a semester at an approved site in Japan:

- 1 course in spoken Japanese above the MLCJ 202 level (5)
- 1 course in reading and writing Japanese (3)
- 9 additional hours of MLCJ above the MLCJ 202 level (9)

Japanese Major Cognates (6 hours)

Select any two of the following courses:

HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)
HIST355	History and Memory of the Atomic Bombings (3)
RELG302	Studies in Eastern Religion: Japan (3)

K-12 Education Major (31 hours)

Japanese Major Core (8 hours)

MLCJ350	Advanced Japanese Language (3)
MLCJ490	Study Abroad Capstone Seminar (1)
MLCJ491	Senior Research (2)
MLCJ492	Senior Research Presentation (2)

Japanese Major Electives (17 hours)

The Japanese Electives will be completed during a semester at an approved site in Japan:

- 1 course in spoken Japanese above the MLCJ 202 level (5)
- 1 course in reading and writing Japanese (3)
- 9 additional hours of MLCJ above the MLCJ 202 level (9)

Japanese Major Cognates (6 hours)

Select any two of the following courses:

HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)

HIST355	History and Memory of the Atomic Bombings (3)
RELG302	Studies in Eastern Religion: Japan (3)

Secondary Education Minor (21 hours)

Japanese Minor Core (4 hours)

MLCJ350	Advanced Japanese Language (3)
MLCJ490	Study Abroad Capstone Seminar (1)

Japanese Minor Electives (17 hours)

The Japanese Electives will be completed during a semester at an approved site in Japan:

- 1 course in spoken Japanese above the MLCJ 202 level (5)
- 1 course in reading and writing Japanese (3)
- 9 additional hours of MLCJ above the MLCJ 202 level (9)

Bachelor of Arts in Spanish

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Spanish Major Core (18 hours)

MLCS201	Spanish III (3)
MLCS201L	Spanish III Lab (1)
MLCS202	Spanish IV (3)
MLCS202L	Spanish IV Lab (1)
MLCS350	Advanced Spanish Language (3)
MLCS350L	Advanced Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)
MLCS491	Senior Research (2)
MLCS492	Senior Research Presentation (2)

Spanish Major Electives (18 hours)

Choose 8 credits required from the following:

MLCS310	Peninsular Spanish Literature and
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Humanities

MLCS310L	Culture (3) Peninsular Spanish Literature and Culture Lab (1)
MLCS320	Spanish-American Literatures and Culture (3)
MLCS320L	Spanish-American Literatures and Culture Lab (1)
MLCS340	The Spanish-Speaking World (3)
MLCS340L	The Spanish-Speaking World Lab (1)

Choose 10 additional hours at the 200 level or above required from the following:

MLCS215	Spanish for Social Services, Criminal Justice & the Health Professions (3)
MLCS215L	Spanish for Social Services, Criminal Justice & the Health Professions Lab (1)
MLCS216	Spanish for Business, Marketing and Management (3)
MLCS216L	Spanish for Business, Marketing and Management Lab (1)
MLCS220	Intermediate Spanish Conversation (2)
MLCS299	Experimental Course (1-3)
MLCS370	Hispanic Film (3)
MLCS370L	Hispanic Film Lab (1)
MLCS399	Professional Internship (1-12)
MLCS499	Advanced Experimental Course (1-3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Note: The following courses may be used to fulfill the 10 additional hours needed if not used to fill the above requirement: MLCS310, MLCS310L, MLCS320, MLCS320L, MLCS340, and MLCS340L.

SPANISH

Required Methods for K-12 or Secondary Certification

T ED300	Clinical Experience (1)
T ED339	Teaching Modern Language in K-12 Schools (2)

MTTC Test Required for FF Endorsement:
#28 (Spanish)

K-12 Education Major (31 hours)

Spanish Major Core (23 hours)

MLCS340	The Spanish-Speaking World (3)
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MLCS340L	The Spanish-Speaking World Lab (1)
MLCS350	Advanced Spanish Language (3)
MLCS350L	Advanced Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)
MLCS310	Spanish Peninsular Lit/ Culture (3)
MLCS310L	Spanish Peninsular Lit/ Culture Lab (1)
MLCS320	Spanish-American Lit/ Cultures (3)
MLCS320L	Spanish-American Lit/ Cultures Lab (1)

Completed after Semester Abroad:

MLCS490	Study Abroad Capstone Seminar (1)
MLCS491	Senior Research (2)
MLCS492	Senior Research Presentation (2)

Spanish Major Electives (8 hours)

Additional 8 MLCS elective hours at the 300-400 level *
*Elective hours may be completed through study abroad.

Secondary Education Major (31 hours)

Spanish Major Core (23 hours)

MLCS340	The Spanish-Speaking World (3)
MLCS340L	The Spanish-Speaking World Lab (1)
MLCS350	Advanced Spanish Language (3)
MLCS350L	Advanced Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)
MLCS310	Spanish Peninsular Lit/ Culture (3)
MLCS310L	Spanish Peninsular Lit/ Culture Lab (1)
MLCS320	Spanish-American Lit/ Cultures (3)
MLCS320L	Spanish-American Lit/ Cultures Lab (1)

Completed after Semester Abroad:

MLCS490	Study Abroad Capstone Seminar (1)
MLCS491	Senior Research (2)
MLCS492	Senior Research Presentation (2)

Spanish Major Electives (8 hours)

Additional 8 MLCS elective hours at the 300-400 level *
*Elective hours may be completed through study abroad.

Secondary Education Minor (25 hours)

Spanish Minor Core (19 hours)

MLCS340	The Spanish-Speaking World (3)
MLCS340L	The Spanish-Speaking World Lab (1)
MLCS350	Advanced Spanish Language (3)
MLCS350L	Advanced Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)
MLCS310	Spanish Peninsular Lit/ Culture (3)
MLCS310L	Spanish Peninsular Lit/ Culture Lab (1)
MLCS320	Spanish-American Lit/ Cultures (3)

Humanities

MLCS320L Spanish-American Lit/ Cultures Lab (1)

Completed after Semester Abroad:

MLCS490 Study Abroad Capstone Seminar (1)

Spanish Minor Electives (6 hours)

Additional 6 MLCS elective hours at the 300-400 level*

*Elective hours may be completed through study abroad.

Associate of Arts in German

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100 Introduction to College Writing (3)

CCC101 College Writing and Inquiry (3)

CCC102 Public Speaking (3)

XXXX ART / Humanities (3)

ESAT100 Principles of Fitness (2)

XXXX Natural Science and Lab (4)

XXXX Cross Cultural Studies (3)

RELG/PHIL Religion / Philosophy (3)

XXXX Social Science (3)

German Associate Degree Core (19 hours)

MLCG331 Nazi Propaganda (3)

or MLCG332 Holocaust and Memory (3)

MLCG351 Professional Portfolio (3)

Choose 9 credits required from the following:

MLCG211 The Immigrant Experience in Germany (3)

MLCG212 German Cinema I (3)

MLCG213 German Colonialism (3)

MLCG214 German Cinema II (3)

MLCG215 German Music History (3)

MLCG216 Amerika (3)

Choose 4 credits required from the following:

MLCG361 Conversation: Professional German (1)

MLCG362 Conversation: Leisure & Games (1)

MLCG363 Conversation: Flora & Fauna (1)

MLCG364 Conversation: The Human Body (1)

MLCG365 Conversation: Social Simulations (1)

MLCG366 Conversation: Scientific German (1)

German Associate Degree Cognates (3 hours)

Choose 3 credits required from the following:

MLCL101 Introduction to Linguistics (3)

HIST321 Perspectives on Nazi Germany (3)*

PHIL105 Logic (3)

PSCI160 Comparing Democracies (3)

PSCI351 European Politics (3)*

PSCI352 Central and East European Politics (3)*

PSYC313 Cognitive Psychology (3)*

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

**Courses marked with an asterisk have prerequisites*

Associate of Arts in Japanese Studies

(62 hours) *

**Must be completed at the 200 level or above*

Skills / Distribution Requirements (24 hours)

CCC100 Introduction to College Writing (3)

CCC101 College Writing and Inquiry (3)

CCC102 Public Speaking (3)

XXXX ART / Humanities (3)

ESAT100 Principles of Fitness (2)

XXXX Natural Science and Lab (4)

XXXX Cross Cultural Studies (3)

RELG/PHIL Religion / Philosophy (3)

XXXX Social Science (3)

Japanese Studies Associate Degree Core (8 hours)

MLCJ201 Japanese III (3)

MLCJ201L Japanese III Lab (1)

MLCJ202 Japanese IV (3)

MLCJ202L Japanese IV Lab (1)

Japanese Studies Associate Degree Electives (10 hours)

Hours must be at the 200 level or above and complete during a semester abroad in Japan.

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Associate of Arts in Spanish

(62 hours) *

**Must be completed at the 200 level or above*

Skills / Distribution Requirements (24 hours)

CCC100 Introduction to College Writing (3)

CCC101 College Writing and Inquiry (3)

CCC102 Public Speaking (3)

XXXX ART / Humanities (3)

Humanities

ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Spanish Associate Degree Core (10 hours)

MLCS202	Spanish IV (3)
MLCS202L	Spanish IV Lab (1)
MLCS350	Advanced Spanish Language (3)
MLCS350L	Advanced Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)

Spanish Associate Degree Electives (12 hours)

Choose 4 credits required from the following:

MLCS310	Peninsular Spanish Literature and Culture (3)
MLCS310L	Peninsular Spanish Literature and Culture Lab (1)
MLCS320	Spanish-American Literatures and Culture (3)
MLCS320L	Spanish-American Literatures and Culture Lab (1)

Choose 8 additional hours at the 200 level or above required from the following:

MLCS215	Spanish for Social Services, Criminal Justice & the Health Professions (3)
MLCS215L	Spanish for Social Services, Criminal Justice & the Health Professions Lab (1)
MLCS216	Spanish for Business, Marketing and Management (3)
MLCS216L	Spanish for Business, Marketing and Management Lab (1)
MLCS220	Intermediate Spanish Conversation (2)
MLCS299	Experimental Course (1-3)
MLCS340	The Spanish-Speaking World (3)
MLCS340L	The Spanish-Speaking World Lab (1)
MLCS370	Hispanic Film (3)
MLCS370L	Hispanic Film Lab (1)
MLCS399	Professional Internship (1-12)
MLCS499	Advanced Experimental Course (1-3)

Note: The following courses may be used to fulfill the 10 additional hours needed if not used to fill the above requirement: MLCS310, MLCS310L, MLCS320, MLCS320L.

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Associate of Arts in Spanish for the Professions (62 hours) *

**Must be completed at the 200 level or above*

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Spanish for the Professions Core (14 hours)

MLCS202	Spanish IV (3)
MLCS202L	Spanish IV Lab (1)
MLCS350	Advanced Spanish Language (3)
MLCS350L	Advanced Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)

Choose 4 credits required from the following:

MLCS215	Spanish for Social Science, Criminal Justice & the Health Professions (3)
MLCS215L	Spanish for Social Science, Criminal Justice & the Health Professions Lab (1)
MLCS216	Spanish for Business, Marketing and Management (3)
MLCS216L	Spanish for Business, Marketing and Management Lab (1)

Spanish Associate Degree Electives (11 hours)

Choose 8 additional hours at the 200 level or above required from the following:

MLCS220	Intermediate Spanish Conversation (2)
MLCS299	Experimental Course (1-3)
MLCS310	Peninsular Spanish Lit & Culture (3)
MLCS310L	Peninsular Spanish Lit & Culture Lab (1)
MLCS320	Spanish-American Lit & Culture (3)
MLCS320L	Spanish-American Lit & Culture Lab (1)
MLCS340	The Spanish-Speaking World (3)
MLCS340L	The Spanish-Speaking World Lab (1)
MLCS370	Hispanic Film (3)
MLCS370L	Hispanic Film Lab (1)
MLCS399	Professional Internship (1-12)
MLCS499	Advanced Experimental Course (1-3)

Note: The following courses may be used to fulfill the 8 additional hours needed if not used to fill the Core requirement: MLCS215, MLCS215L, MLCS216, MLCS216L.

Choose 3 additional hours required from the following:

Humanities

ECON223	Economics of Developing Countries (3)
ECON319	International Economics (3) *
FIN314	International Financial Management (3) *
HCA385	Health & Society: Introduction to Public Health (3) *
JRNL306	Community & Journalism (3) *
MKTG337	International Marketing (3) *
SCJ361	Police and Urban Society (3) *
SOC303	Race & Ethnic Relations (3) *

**Courses marked with an asterisk have prerequisites.*

(Note: if any electives listed above are a requirement of your major, you must select another elective from the list to fulfill this requirement. Elective courses cannot double count.)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in German

(22 hours)

German Minor Core (19 hours)

MLCG331	Nazi Propaganda (3)
or MLCG332	Holocaust and Memory (3)
MLCG351	Professional Portfolio (3)

Choose 9 credits required from the following:

MLCG211	The Immigrant Experience in Germany (3)
MLCG212	German Cinema I (3)
MLCG213	German Colonialism (3)
MLCG214	German Cinema II (3)
MLCG215	German Music History (3)
MLCG216	Amerika (3)

Choose 4 credits required from the following:

MLCG361	Conversation: Professional German (1)
MLCG362	Conversation: Leisure & Games (1)
MLCG363	Conversation: Flora & Fauna (1)
MLCG364	Conversation: The Human Body (1)
MLCG365	Conversation: Social Simulations (1)
MLCG366	Conversation: Scientific German (1)

German Minor Cognates (3 hours)

Choose 3 credits required from the following:

MLCL101	Introduction to Linguistics (3)
HIST321	Perspectives on Nazi Germany (3)*
PHIL105	Logic (3)
PSCI160	Comparing Democracies (3)
PSCI351	European Politics (3)*
PSCI352	Central and East European Politics (3)*

PSYC313	Cognitive Psychology (3)*
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**Courses marked with an asterisk have prerequisites*

Minor in Japanese Studies

(18 hours) *

**Must be completed at the 200 level or above*

Japanese Studies Minor Core (8 hours)

MLCJ201	Japanese III (3)
MLCJ201L	Japanese III Lab (1)
MLCJ202	Japanese IV (3)
MLCJ202L	Japanese IV Lab (1)

Japanese Studies Minor Electives (10 hours)

Hours must be at the 200 level or above and complete during a semester abroad in Japan.

Minor in Spanish

(22 hours) *

**Must be completed at the 200 level or above*

Spanish Minor Core (10 hours)

MLCS202	Spanish IV (3)
MLCS202L	Spanish IV Lab (1)
MLCS350	Advanced Spanish Language (3)
MLCS350L	Advanced Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)

Spanish Minor Electives (12 hours)

Choose 4 credits required from the following:

MLCS310	Peninsular Spanish Literature and Culture (3)
MLCS310L	Peninsular Spanish Literature and Culture Lab (1)
MLCS320	Spanish-American Literatures and Culture (3)
MLCS320L	Spanish-American Literatures and Culture Lab (1)

Choose 8 additional hours at the 200 level or above required from the following:

MLCS215	Spanish for Social Services, Criminal Justice & the Health Professions (3)
MLCS215L	Spanish for Social Services, Criminal Justice & the Health Professions Lab (1)
MLCS216	Spanish for Business, Marketing and Management (3)
MLCS216L	Spanish for Business, Marketing and Management Lab (1)
MLCS220	Intermediate Spanish Conversation (2)

Humanities

MLCS299	Experimental Course (1-3)
MLCS340	The Spanish-Speaking World (3)
MLCS340L	The Spanish-Speaking World Lab (1)
MLCS370	Hispanic Film (3)
MLCS370L	Hispanic Film Lab (1)
MLCS399	Professional Internship (1-12)
MLCS499	Advanced Experimental Course (1-3)

Note: The following courses may be used to fulfill the 8 additional hours needed if not used to fill the above requirement: MLCS310, MLCS310L, MLCS320, MLCS320L.

Choose 3 additional hours required from the following:

ECON223	Economics of Developing Countries (3)
ECON319	International Economics (3) *
FIN314	International Financial Management (3) *
HCA385	Health & Society: Introduction to Public Health (3) *
JRNL306	Community & Journalism (3) *
MKTG337	International Marketing (3) *
SCJ361	Police and Urban Society (3) *
SOC303	Race & Ethnic Relations (3) *

**Courses marked with an asterisk have prerequisites.*

(Note: if any electives listed above are a requirement of your major, you must select another elective from the list to fulfill this requirement. Elective courses cannot double count.)

Minor in Spanish for the Professions

(25 hours) *

**Must be completed at the 200 level or above*

Spanish for the Professions Core (14 hours)

MLCS202	Spanish IV (3)
MLCS202L	Spanish IV Lab (1)
MLCS350	Advanced Spanish Language (3)
MLCS350L	Advanced Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)

Choose 4 credits required from the following:

MLCS215	Spanish for Social Science, Criminal Justice & the Health Professions (3)
MLCS215L	Spanish for Social Science, Criminal Justice & the Health Professions Lab (1)
MLCS216	Spanish for Business, Marketing and Management (3)
MLCS216L	Spanish for Business, Marketing and Management Lab (1)

Spanish Associate Degree Electives (11 hours)

Choose 8 additional hours at the 200 level or above required from the following:

MLCS220	Intermediate Spanish Conversation (2)
MLCS299	Experimental Course (1-3)
MLCS310	Peninsular Spanish Lit & Culture (3)
MLCS310L	Peninsular Spanish Lit & Culture Lab (1)
MLCS320	Spanish-American Lit & Culture (3)
MLCS320L	Spanish-American Lit & Culture Lab (1)
MLCS340	The Spanish-Speaking World (3)
MLCS340L	The Spanish-Speaking World Lab (1)
MLCS370	Hispanic Film (3)
MLCS370L	Hispanic Film Lab (1)
MLCS399	Professional Internship (1-12)
MLCS499	Advanced Experimental Course (1-3)

Note: The following courses may be used to fulfill the 8 additional hours needed if not used to fill the Core requirement: MLCS215, MLCS215L, MLCS216, MLCS216L.

Philosophy and Religion

Mission Statement

The majors in Philosophy and Religion teach students to pose and answer questions fundamental to the meaning and significance of life, to human existence, and the nature of reality. Through a series of required and elective courses culminating in a capstone paper and presentation, the programs will prepare the student to demonstrate professionalism in the field, through ethical reflection, the place of philosophy and religion, in the larger society, and the place of the capstone presentation in the chosen discipline major.

Program Offerings

Students interested in philosophy and religion may earn the Bachelor of Arts degree with one of two majors: religion or philosophy. The department also offers minors in both philosophy and religion. A minor in teaching religion in public schools is available for those majoring in education.

In addition to preparing for church-related careers, students majoring in philosophy or religion may enter a variety of fields such as counseling, law, business, social work and a variety of service professions at the local, state and national levels. For those planning to enter graduate school or seminary, the department offers a balanced program of preparatory studies.

The Ethics Minor is an interdisciplinary program that examines the concept of moral good and practice applying it in various situations. Study will focus on the history and theory of ethics, various belief systems and specific relevant professional codes.

The goals of the Ethics Minor are to: (1) enhance the awareness of ethical issues, both at a theoretical and a practical and professional level and (2) to improve critical thinking and moral reasoning in resolving ethical problems.

Bachelor of Arts in Philosophy

(124 hours)

Skills /Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXX	ART (3)
ESAT100	Fitness / Wellness (2)
	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100 or MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
PHIL101	Introduction to Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Philosophy Core (18 hours)

PHIL101	Introduction to Philosophy (3)
or PHIL104	Introduction to Ethics (3)
or PHIL110	Philosophy through Film (3)
PHIL105	Logic (3)
PHIL304	Ethics (3)
PHIL351	Ancient Greek Philosophy (3)
PHIL353	Modern Philosophy (3)
PHIL400	Capstone: Senior Thesis (3)

All students must choose a track from:

Traditional Philosophy Track
Legal Theory Track

Traditional Philosophy Track (12 hours)

Choose 12 hours required from the following:

Note: at least six hours must be at the 300-level or above

PHIL102	Contemporary Moral Problems (3)
PHIL199	Exploratory Internship (1-3)
PHIL200	Philosophy Topics (3)
PHIL201	Introduction to Jurisprudence (3)
PHIL205	Writing and Argument (3)
PHIL231	Mock Trial (1-3)
PHIL299	Experimental course (1-3)
PHIL300	Topics in Philosophy (1-3)
PHIL301	Philosophy of Religion (3)
PHIL321	Science, Skepticism and Faith (3)
PHIL328	Liberation Theology (3)
PHIL331	Philosophy of Law (3)
PHIL332	Political Philosophy (3)

Humanities

PHIL334	Philosophy and Ethics of Sport (3)
PHIL344	Biomedical Ethics (3)
PHIL352	Christian Heresies and Orthodoxies (3)
PHIL354	19 th & 20 th Century Christian Theology (3)
PHIL399	Professional Internship (1-12)
PHIL499	Advanced Experimental Course (1-3)

Legal Theory Track (12 hours)

PHIL201	Introduction to Jurisprudence (3)
PHIL331	Philosophy of Law (3)

Choose an additional 6 hours required from the following:

Note: at least three must be at the 300-level or above

PHIL102	Contemporary Moral Problems (3)
PHIL199	Exploratory Internship (1-3)
PHIL200	Philosophy Topics (3)
PHIL205	Writing and Argument (3)
PHIL231	Mock Trial (1-3)
PHIL299	Experimental course (1-3)
PHIL300	Topics in Philosophy (1-3)
PHIL301	Philosophy of Religion (3)
PHIL321	Science, Skepticism and Faith (3)
PHIL328	Liberation Theology (3)
PHIL332	Political Philosophy (3)
PHIL334	Philosophy and Ethics of Sport (3)
PHIL344	Biomedical Ethics (3)
PHIL352	Christian Heresies and Orthodoxies (3)
PHIL354	19 th & 20 th Century Christian Theology (3)
PHIL399	Professional Internship (1-12)
PHIL499	Advanced Experimental Course (1-3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Arts in Religion

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)

MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
RELG207	Islam (3)
RELG101	Bible and Culture (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Religion Core (6 hours)

RELG105	Religions of the East (3)
RELG400	Capstone: Senior Research Project (3)

Religion Electives (27 hours)

Choose 3 hours required from the following:

RELG101	Bible and Culture (3)
or RELG102	Religions of the West (3)
or RELG114	Christian Social Ethics (3)

Choose 3 hours required from the following:

RELG310	Women in World Religions (3)
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Choose an additional 21 hours required from the following:

Note: at least 15 must be at the 300-level or above

RELG106	Religions in America (3)
RELG108	Introduction to Religion: Myth, Ritual & Symbol (3)
RELG112	Ancient Greek & Roman Mythology (3)
RELG207	Islam (3)
RELG210	World Christianities (3)
RELG212	Jesus in Mass Production (3)
RELG216	Religion on Film (3)
RELG299	Experimental Course (1-3)
RELG300	Topics in Religion (1-3)
RELG301	Philosophy of Religion (3)
RELG303	Literature of the Hebrew Bible (3)
RELG304	New Testament Writings (3)
RELG306	Issues in American Religious History (3)
RELG309	Sports & Religion (3)
RELG311	African Religious Tradition (3)
RELG328	Liberation Theology (3)
RELG330	Advanced Studies in Bible (3)
RELG332	Women in the Bible (3)
RELG340	Religion & Environmental Ethics (3)
RELG366	Leadership & Religious Views (3)
RELG385	Ancient Fiction (3)
RELG499	Advanced Experimental Course (1-3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

Humanities

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Religion Internships (RELG 199 and RELG399) do not count toward the 24 hours of electives required.

Associate of Arts in Philosophy

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Philosophy Associate's Core (9 hours)

Choose 9 hours required from the following:

PHIL101	Introduction to Philosophy (3)
PHIL102	Contemporary Moral Problems (3)
PHIL104	Introduction to Ethics (3)
PHIL105	Logic (3)
PHIL110	Philosophy through Film (3)
PHIL160	Philosophy of Leadership (3)
PHIL200	Philosophy Topics (3)
PHIL201	Introduction to Jurisprudence (3)
PHIL205	Writing and Argument (3)
PHIL231	Mock Trial (1)

Associate's 300-400 level Requirements (9 hours)

Choose 9 hours required from the following:

PHIL300	Topics in Philosophy (1-3)
PHIL301	Philosophy of Religion (3)
PHIL321	Science, Skepticism and Faith (3)
PHIL328	Liberation Theology (3)
PHIL331	Philosophy of Law (3)
PHIL332	Political Philosophy (3)
PHIL334	Philosophy and Ethics of Sport (3)
PHIL344	Biomedical Ethics (3)
PHIL352	Christian Heresies and Orthodoxies (3)
PHIL354	19 th & 20 th Century Christian Theology (3)
PHIL399	Professional Internship (1-12)
PHIL499	Advanced Experimental Course (1-3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Associate of Arts in Religion

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Religion Associate's Core (9 hours)

Choose 9 hours from the following:

RELG101	Bible and Culture (3)
RELG102	Religions of the West (3)
RELG105	Religions of the East (3)
RELG106	Religions in America (3)
RELG108	Introductions to Religion: Myth, Ritual and Symbol (3)
RELG112	Ancient Greek & Roman Mythology (3)
RELG114	Christian Social Ethics (3)
RELG207	Islam (3)
RELG210	World Christianities (3)
RELG212	Jesus in Mass Production (3)
RELG216	Religion on Film (3)

Associate's 300-400 level Requirements (9 hours)

Choose 9 hours required from the following:

RELG300	Topics in Religion (1-3)
RELG301	Philosophy of Religion (3)
RELG303	Literature of the Hebrew Bible (3)
RELG304	New Testament Writings (3)
RELG306	Issues in American Religious History (3)
RELG309	Sports & Religion (3)
RELG311	African Religious Tradition (3)
RELG328	Liberation Theology (3)
RELG330	Advanced Studies in Bible (3)
RELG332	Women in the Bible (3)
RELG340	Religion & Environmental Ethics (3)
RELG366	Leadership & Religious Views (3)
RELG385	Ancient Fiction (3)
RELG499	Advanced Experimental Course (1-3)

General Electives

Humanities

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in Ethics

(18 hours)

(at least 9 credit hours must be completed at the 300-400 level)

Ethics Minor Core (6 hours)

PHIL104	Introduction to Ethics (3)
or RELG114	Christian Social Ethics (3)
PHIL304	Ethics (3)

Ethics Minor Electives (12 hours)

Choose 12 hours required from the following:

PHIL102	Contemporary Moral Problems (3)
PHIL104	Introduction to Ethics (3) *
PHIL201	Introduction to Jurisprudence (3)
PSYC304	Theories & Principles of Psychotherapy (3) **
SOCW200	Foundations of Social Work (4)
BUS346	Social, Political & Ethical Issues in Business (3) **
COMM280	Communication Ethics (3)

**Cannot be used for elective credit and core credit*

*** courses marked with two asterisks have prerequisites*

Other non-listed courses may also be applied to the minor if approved by the Department Chair. At least one course must come from a department other than Religion and Philosophy.

Minor in Philosophy

(18 hours)

Philosophy Minor Core (9 hours)

Choose 9 hours from the following:

PHIL101	Introduction to Philosophy (3)
PHIL102	Contemporary Moral Problems (3)
PHIL104	Introduction to Ethics (3)
PHIL105	Logic (3)
PHIL110	Philosophy through Film (3)
PHIL160	Philosophy of Leadership (3)
PHIL200	Philosophy Topics (3)
PHIL201	Introduction to Jurisprudence (3)
PHIL205	Writing and Argument (3)

PHIL231	Mock Trial (1)
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Philosophy Minor 300-400 level Requirements (9 hours)

Choose 9 hours required from the following:

PHIL300	Topics in Philosophy (1-3)
PHIL301	Philosophy of Religion (3)
PHIL321	Science, Skepticism and Faith (3)
PHIL328	Liberation Theology (3)
PHIL331	Philosophy of Law (3)
PHIL332	Political Philosophy (3)
PHIL334	Philosophy and Ethics of Sport (3)
PHIL344	Biomedical Ethics (3)
PHIL352	Christian Heresies and Orthodoxies (3)
PHIL354	19 th & 20 th Century Christian Theology (3)
PHIL399	Professional Internship (1-12)
PHIL499	Advanced Experimental Course (1-3)

Minor in Religion

(18 hours)

Religion Minor Core (9 hours)

Choose 9 hours from the following:

RELG101	Bible and Culture (3)
RELG102	Religions of the West (3)
RELG105	Religions of the East (3)
RELG106	Religions in America (3)
RELG108	Introduction to Religion: Myth, Ritual and Symbol (3)
RELG112	Ancient Greek & Roman Mythology (3)
RELG114	Christian Social Ethics (3)
RELG207	Islam (3)
RELG210	World Christianities (3)
RELG212	Jesus in Mass Production (3)
RELG216	Religion on Film (3)

Religion Minor 300-400 level Requirements (9 hours)

Choose 9 hours required from the following:

RELG300	Topics in Religion (1-3)
RELG301	Philosophy of Religion (3)
RELG303	Literature of the Hebrew Bible (3)
RELG304	New Testament Writings (3)
RELG306	Issues in American Religious History (3)
RELG309	Sports & Religion (3)
RELG311	African Religious Tradition (3)
RELG328	Liberation Theology (3)
RELG330	Advanced Studies in Bible (3)
RELG332	Women in the Bible (3)

Humanities

RELG340

Religion & Environmental Ethics (3)

RELG366 Leadership & Religious Views (3)

RELG385 Ancient Fiction (3)

RELG499 Advanced Experimental Course (1-3)

Mathematics

Mission Statement

The Department of Mathematics is committed to providing all students with high-quality instruction and support. The department serves students at all levels of preparation and with interest in various fields of study. Faculty members, with diverse areas of expertise, work with the common goal of fostering in students an appreciation for the beauty and relevance of mathematics. Faculty members also help students develop mathematical, analytic, and problem-solving skills. For students interested in pursuing careers that require a deeper understanding of mathematics, the department offers a range of courses at the advanced level. Courses are offered in the areas of Pure Mathematics, Applied Mathematics, as well as Statistics. These courses provide students with the depth and breadth of knowledge required for graduate studies in Mathematics and related fields.

The highly sequential nature of the mathematics curriculum makes it essential that prerequisite mathematical knowledge and skills be mastered prior to enrollment in any mathematics course. A student's score on the Mathematics Placement Examination (given prior to enrolling), as well as a student's Math ACT or SAT score, are critical in the selection of freshman courses.

A grade of C- or better is required for fulfillment of all prerequisite courses.

Each mathematics major must have an assigned faculty member from within the department as an advisor for his or her mathematics program.

For students majoring in other academic disciplines, a mathematics minor can enhance prospects for graduate or professional studies and increase employment opportunities.

Bachelor of Arts in Mathematics

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH135	Calculus and Analytic Geometry I (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)

RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Mathematics Major Core (32 hours)

MATH135	Calculus and Analytic Geometry I (4)
MATH205	Calculus and Analytic Geometry II (4)
MATH215	Calculus and Analytic Geometry III (4)
MATH216	Discrete Mathematics (3)
MATH303	Linear Algebra and Matrices (3)
MATH304	Theory of Probability (3)
MATH313	Abstract Algebra (3)
MATH314	Theory of Mathematical Statistics (3)
MATH405	Real Analysis (3)
MATH420	Capstone: Mathematics (2)

Mathematics Major Electives (6 hours)

Choose 6 credits required from the following:

MATH220	History of Mathematics (3)
MATH305	Differential Equations (3)
MATH309	Topics in Mathematics (1-3)
MATH323	Geometry (3)
MATH324	Numerical Analysis (3)
MATH399	Professional Internship (1-12)
MATH403	Number Theory (3)
MATH410	Advanced Topics in Mathematics (1-3)
MATH499	Advanced Experimental Course (1-3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Mathematics

Bachelor of Science in Mathematics- Actuarial Science (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH135	Calculus and Analytic Geometry I (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Actuarial Science Core (36 hours)

MATH135	Calculus and Analytic Geometry I (4)
MATH205	Calculus and Analytic Geometry II (4)
MATH215	Calculus and Analytic Geometry III (4)
MATH216	Discrete Mathematics (3)
MATH303	Linear Algebra and Matrices (3)

Minor in Mathematics (24 hours)

Mathematics Minor Core (18 hours)

MATH135	Calculus and Analytic Geometry I (4)
MATH205	Calculus and Analytic Geometry II (4)
MATH215	Calculus and Analytic Geometry III (4)
MATH216	Discrete Mathematics (3)
MATH303	Linear Algebra and Matrices (3)

Mathematics Minor Electives (6 hours)

Choose 6 credits required from the following:

MATH220	History of Mathematics (3)
MATH304	Theory of Probability (3)
MATH305	Differential Equations (3)
MATH309	Topics in Mathematics (1-3)
MATH313	Abstract Algebra (3)
MATH314	Theory of Mathematical Statistics (3)
MATH323	Geometry (3)
MATH324	Numerical Analysis (3)
MATH399	Professional Internship (1-12)
MATH403	Number Theory (3)
MATH405	Real Analysis (3)
MATH410	Advanced Topics in Mathematics (1-3)
MATH499	Advanced Experimental Course (1-3)

MATH304	Theory of Probability (3)
MATH305	Differential Equations (3)
MATH307	Probability for Actuaries (3)
MATH314	Theory of Mathematical Statistics (3)
MATH337	Mathematical Theory of Interest (3)
MATH417	Actuarial Sciences and Risk Management with R (3)

Actuarial Science Cognates (27 hours)

ACCT203	Principles of Accounting I (3)
ACCT204	Principles of Accounting II (3)
CS103	Programming for Everyone I (3)
CS104	Programming for Everyone II (3)
CS271	Foundations of Data Analytics I (3)
CS272	Foundations of Data Analytics II (3)
ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
FIN310	Managerial Finance (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Performing Arts

Music

Mission Statement

The program in Music challenges students to achieve excellence in musical performance through active and creative learning in a supportive community. Students are educated through a series of required and elective courses in applied music, performance, theory, history, and a senior capstone solo recital. Students graduating with a major in music will be expected to demonstrate proficiency in the synthesis of preparing and performing music based on informed historical and theoretical practice. The program is designed to prepare students to engage fully in the creative arts; think critically as they explore multiple points of view; make connections across disciplines; and continue to pursue knowledge throughout one's life.

Adrian College offers a Bachelor of Music in Performance and a Bachelor of Music Education. These degrees are designed to prepare candidates for a professional career in music or for continued studies at the graduate level. Bachelor of Arts degrees are available in Music, Musical Theatre, and Arts Management. These degrees provide students a liberal arts degree with a strong emphasis in music and may also lead to graduate studies. A music minor is also available to students who wish to make music a part of their college experience. Music majors are encouraged to select a music faculty member as their advisor, and register for applied lessons, and an ensemble in their freshman year. All music majors and minors must take the theory placement exam during orientation week.

All candidates must declare a principal instrument and perform a jury for every semester of study. Departmental approval must be granted at the end of the sophomore year for a student to continue in a music degree program (approval is based on a departmental jury and/or examination). All candidates must participate in "Studio Class," a seminar course that meets every Tuesday at noon. Studio Class is a forum for the exploration and discussion of topics essential to all music students. It includes visiting guest artists, workshops, student and faculty recitals and related performances.

Candidates in B.M. (Performance) and B.A. (Music) degree tracks must pass the piano proficiency exam prior to graduation. Music Education candidates must pass the piano proficiency exam before their student teaching commences. Musical Theatre, Arts Management, and Music Minors are not required to take the piano proficiency exam.

Zero Credit Ensemble Options:

All students are welcome to enroll in music ensembles. To encourage enrollment, ensemble classes are offered in two sections: a 1-credit section and a 0-credit section. Enrolling for credit is the preferred option for enrollment in ensembles, and students should enroll for credit when possible. The 0-credit sections should be used by students who have reached the maximum of 18-credits but still want to participate in a music ensemble. Students enrolled in a 0-credit music ensemble will receive a grade to be posted on the official transcript. This grade does not impact semester or cumulative GPA calculations. All music majors and minors must enroll in ensembles for 1-credit in order for the course to be used to fulfill the degree requirements outlined below.

Ensembles

Students may apply a maximum of 8 semester hours of credit in ensembles, applied music and theatre activities toward the 124 semester hours required for graduation. Music majors and minors may apply the additional required ensemble and applied credits towards 124 semester hours.

After a student has successfully completed four semesters of an ensemble, additional credits earned in that ensemble will be considered as MUS300- to 400-level courses and may be counted as such.

Three semester hours of the same ensemble may be applied toward the ARTS distribution requirement.

All students are welcome to enroll in music ensembles. The encouragement enrollment ensemble classes are offered in two sections: a 1-credit section and a 0-credit section. Enrolling for credit is the preferred option for enrollment in ensembles, and student should enroll for credit when possible. The 0-credit sections should be used by students who have reached the maximum of 18-credits but still want to participate the a music ensemble. Students enrolled in a 0-credit music ensemble will receive a grade to be posted on the official transcript. This grade does not impact semester or cumulative GPA calculations.

All music majors and minors must enroll in ensembles for 1-credit in order for the course to be used to fulfill the degree requirements.

Performing Arts

Bachelor of Music in Performance

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Music B.M. Core (40 hours)

MUS100	Foundations in Music Studies (2)
MUS101	Theory I (3)
MUS103	Aural Skills I (2)
MUS115	Keyboard I (1)
MUS205	Theory II (3)
MUS206	Aural Skills II (2)
MUS209	Keyboard II (1)
MUS214	Theory III (2)
MUS203	Aural Skills III (2)
MUS215	Keyboard III (1)
MUS305	Theory IV (2)
MUS306	Aural Skills IV (2)
MUS307	Keyboard IV (1)
MUS303	Conducting (2)
MUS310	Junior Recital (1)
MUS316	Music History Before 1750 (3)
MUS318	Music History from 1750 to 1880 (3)
MUS319	Music History After 1880 (3)
MUS320	Music of the East (3)
MUS410	Senior Recital (1)

Applied Music Core (8 hours) *

Complete 4 credits of Applied Music (MUS220-MUS249) and 4 credits of Upper-Level Applied Music (MUS419-MUS449) in the student's principal instrument. (Note: Majors whose primary instrument is piano should choose 4 hours of music electives in place of MUS115, MUS207, MUS210, and MUS307.)

Music Ensemble Core (8 hours)

Choose 8 hours required from the following:

MUS140	Adrian College Choir (1)
MUS145	Women's A Cappella (1)
MUS170	Adrian College Orchestra (1)
MUS180	Adrian Concert/Marching Band (1)
MUS185	Jazz Ensemble

Students Must Choose a track below:

Vocal Music Track (4 hours)

MUS128	Singers Diction (English/French) (1)
MUS129	Singers Diction (Italian/German) (1)
MUS332	Vocal Pedagogy (1)
MUS333	Song Literature and Interpretation (1)

Instrumental Music Track (4 hours)

MUS401	Musical Form (2)
MUS402	Orchestration (2)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Performing Arts

Bachelor of Arts in Music

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Music B.A. Core (25 hours)

MUS100	Foundations in Music Studies (2)
MUS101	Theory I (3)
MUS103	Aural Skills I (2)
MUS115	Keyboard I (1)
MUS205	Theory II (3)
MUS206	Aural Skills II (2)
MUS209	Keyboard II (1)
MUS214	Theory III (2)
MUS203	Aural Skills III (2)
MUS215	Keyboard III (1)
MUS305	Theory IV (2)
MUS306	Aural Skills IV (2)
MUS307	Keyboard IV (1)
MUS410	Senior Recital (1)

Music History Electives (6 hours)

Choose 6 hours required from the following:

MUS316	Music History before 1750 (3)
MUS318	Music History from 1750 to 1880 (3)
MUS319	Music History after 1880 (3)
MUS320	Music of the East (3)

Applied Music Core (8 hours) *

Applied Music Core (8 hours) *

Complete 4 credits of Applied Music (MUS220-MUS249) and 4 credits of Upper Level Applied Music (MUS419-MUS449) in the student's principal instrument.

(Note: Majors whose primary instrument is piano choose 4 hours of music electives in place of MUS115, MUS207, MUS210, and MUS307.)

Music Ensemble Core (7 hours) *

Choose 7 hours required from the following:

MUS140	Adrian College Choir (1)
MUS145	Women's A Cappella (1)
MUS170	Adrian College Orchestra (1)
MUS180	Adrian Concert/Marching Band (1)
MUS185	Jazz Ensemble (1)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Pre-Professional Program in Pre-Music Therapy

To practice music therapy professionally, a student must complete a certification program approved by the American Music Therapy Association or a Masters of Music Therapy.

Students who are considering pursuing this specialized training are advised to complete the following course of study:

1. A major in music including studies in voice, piano, and guitar.
2. Complete the following courses in psychology: PSYC100, PSYC205, PSYC303, PSYC304, and PSYC311.
3. Completion of a professional internship of at least 3 hours with a certified music therapist.

Performing Arts

Minor in Music

(24 hours)

Music Minor Core (14 hours)

MUS100	Foundations in Music Studies (2)
MUS101	Theory I (3)
MUS103	Aural Skills I (2)
MUS115	Keyboard I (1)
MUS205	Theory II (3)
MUS206	Aural Skills II (2)
MUS207	Keyboard II (1)

Applied Music Core (4 hours)*

Complete 4 credits of Applied Music (MUS220-MUS249) in the student's principal instrument.

Music Minor Electives (3 hours)

Choose 3 credits required from the following:

MUS316	Music History Before 1750 (3)
MUS318	Music History from 1750 to 1880 (3)
MUS319	Music History After 1880 (3)
MUS320	Music of the East (3)

Music Ensemble Core (3 hours)

Choose 3 hours required from the following:

MUS140	Adrian College Choir (1)
MUS145	Women's A Cappella (1)
MUS170	Adrian College Orchestra (1)
MUS180	Adrian Concert/Marching Band (1)
MUS184	Jazz Ensemble

Commercial Music Minor

General Music Core (7 credits):

MUS100	Foundations in Music Studies (2)
MUS101	Theory I (3)
MUS103	Aural Skills I (2)

Commercial Music Core (12 credits):

MUS113	Popular Music in America (3)
COMM109	TV & Radio Announcing (3)
COMM210	Digital Media Production (3)
COMM285	Podcasting, Audio and Radio Production (3)

Recording Studio Internship (3 credits)

MUS199	Exploratory Internship (3)
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Commercial Music Electives

(choose 4 credits - applied music courses may be repeated for credit):

MUS115	Keyboard I (1)
MUS-209	Keyboard II (1)
MUS215	Keyboard III (1)
MUS216	Keyboard IV (1)
MUS226	Applied Guitar (1)
MUS237	Applied Voice (1)
MUS230	Applied Percussion (1)
MUS238	Applied Composition (1)

Musical Theatre

Mission Statement

In accordance with the Adrian College mission statement of pursuing truth and dignity of all people, the Departments of Music and Theatre and Dance offer opportunities to study and achieve excellence through a community of scholarship and artistry via the context of a liberal arts environment. Knowledge of and appreciation for the art of theatre and music are important aspects in a society that wishes to maintain its culture, consciousness, and compassion. While seeking a balance between theoretical and applied material, the departments of theatre, dance and music creatively engage students through performance opportunities and active studies of critical theory, history and literature. Students graduating with a major in the Musical Theatre program will be expected to demonstrate proficiency in the preparation and performance of the music theatre genre based on historical and theoretical practices.

Bachelor of Arts in Musical Theatre (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
DANC100	Dance Fundamentals (1)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Musical Theatre- Dance Core (4 hours)

DANC100	Dance Fundamentals (1)
DANC200	Musical Theatre Dance (1)*
DANC360	Musical Theatre Dance Composition and Choreography (2)

Musical Theatre- Theatre Core (17 hours)

THRE100	Theatre Workshop I (1)
THRE101	Theatre Workshop II (1)
THRE108	Acting I: Introduction to Acting (3)
THRE207	Stagecraft (3)
THRE303	Acting II: Character Portrayal (3)

THRE314	History of Musical Theatre (3)
THRE419	Capstone: Research (2)
THRE421	Capstone: Presentation (1)

Musical Theatre- Music Core (25 hours)

MUS100	Foundations in Music Studies (2)
MUS101	Theory I (3)
MUS103	Aural Skills I (2)
MUS115	Keyboard 1 (1)
MUS205	Theory II (3)
MUS206	Aural Skills 2 (2)
MUS207	Keyboard 2 (1)
MUS213	Musical Theatre Workshop (3 completed credits required)
MUS237	Applied Voice (4 completed hours required)
MUS437	Upper-Level Applied Voice (4 completed hours required)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**Courses marked with an asterisk have prerequisites*

NOTE: Participation in all Adrian College musical theatre productions is also expected. For course descriptions, consult listings for the Departments of Theatre and Dance and Music.

Performing Arts

Theatre and Dance

Mission Statement

In accordance with the Adrian College mission statement of pursuing truth and dignity of all people, the Department of Theatre and Dance through a community of scholarship and artistry offers opportunities to study the creativity of humanity via the context of a liberal arts environment. Knowledge of and appreciation for the art of theatre and dance are important aspects in a society that wishes to maintain its culture, consciousness, and compassion. While seeking a balance between theoretical and applied material, the department of theatre and dance creatively engages students to establish connections in many disciplines through their own means of personal expression.

The Department of Theatre and Dance believes the study of the performing arts embodies interpersonal connectivity by fostering skills required of critical evaluation of literature, history, and theory. The Department of Theatre and Dance focuses on the development of collaboration, analytical thinking, professionalism, technique, and establishing meaning and value. A major in theatre prepares a student for graduate study in theatre as well as providing the foundation for a variety of careers in the performing arts and many other fields.

Bachelor of Arts in Theatre

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
THRE108	Acting I: Introduction to Acting (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Theatre Major Core (22 hours)

THRE100	Theatre Workshop I (1)
THRE101	Theatre Workshop II (1)
THRE108	Acting I: Introduction to Acting (3)
THRE207	Stagecraft (3)
THRE260	Play Analysis (3)

THRE300	Theatre Workshop II (1)
THRE301	Theatre Workshop IV (1)
THRE315	Theatre History I (3)
THRE316	Theatre History II (3)
THRE419	Capstone: Research (2)
THRE421	Capstone: Presentation (1)

Theatre Major Electives (15 hours)

THRE304	Play Directing (3)
or THRE305	Stage Management (3)
THRE312	Prod. Design: Scenery & Lighting (3)
or THRE313	Prod. Design: Costume & Makeup (3)

Choose an additional 9 hours required from the following:

THRE106	Introduction to Theatre (3)
THRE250	Topics in Dramatic Literature (3)
THRE299	Experimental Course (1-3)
THRE303	Acting II: Character Portrayal (3)
THRE310	Playwriting Workshop (3)
THRE314	History of Musical Theatre (3)
THRE394	Advanced Play Direction (3)
THRE398	Acting III: Advanced Acting (3)
THRE399	Professional Internship (1-12)
THRE415	Topics Seminar (3)
THRE499	Advanced Experimental Course (1-3)

Theatre Major Cognate (1 hour)

DANC100	Dance Fundamentals (1)
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General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Note: The following courses may be used to fulfill the 9 additional hours needed if not used to fill the above requirement: THRE304, THRE305, THRE312, THRE313.

Performing Arts

Associate of Arts in Theatre

(62 credits)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Theatre Associate's Core (13 hours)

THRE 100	Theatre Workshop I (1)
THRE 101	Theatre Workshop II (1)
THRE 108	Acting I: Introduction to Acting (3)
THRE 207	Stagecraft (3)
THRE 260	Play Analysis (3)
THRE 300	Theatre Workshop II (1)
THRE 301	Theatre Workshop IV (1)

Theatre Associate's Electives (9 credits)

THRE 304	Play Directing (3)
or THRE 305	Stage Management (3)

Choose 3 credits required from the following:

THRE 314	History of Musical Theatre (3)
THRE 315	Theatre History I (3)
THRE 316	Theatre History II (3)

Choose an additional 3 hours required from the following:

THRE106	Introduction to Theatre (3)
THRE250	Topics in Dramatic Literature (3)
THRE299	Experimental Course (1-3)
THRE303	Acting II: Character Portrayal (3)
THRE310	Playwriting Workshop (3)
THRE314	History of Musical Theatre (3)
THRE394	Advanced Play Direction (3)
THRE398	Acting III: Advanced Acting (3)
THRE399	Professional Internship (1-12)
THRE415	Topics Seminar (3)
THRE499	Advanced Experimental Course (1-3)

Note: The following courses may be used to fulfill the 3 additional hours needed if not used to fill the above requirement: THRE304, THRE305, THRE314, THRE315, THRE316.

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in Theatre

(22 credits)

Theatre Minor Core (13 hours)

THRE 100	Theatre Workshop I (1)
THRE 101	Theatre Workshop II (1)
THRE 108	Acting I: Introduction to Acting (3)
THRE 207	Stagecraft (3)
THRE 260	Play Analysis (3)
THRE 300	Theatre Workshop II (1)
THRE 301	Theatre Workshop IV (1)

Theatre Minor Electives (9 credits)

THRE 304	Play Directing (3)
or THRE 305	Stage Management (3)
Choose 3 credits required from the following:	
THRE 314	History of Musical Theatre (3)
THRE 315	Theatre History I (3)
THRE 316	Theatre History II (3)

Choose an additional 3 hours required from the following:

THRE106	Introduction to Theatre (3)
THRE250	Topics in Dramatic Literature (3)
THRE299	Experimental Course (1-3)
THRE303	Acting II: Character Portrayal (3)
THRE310	Playwriting Workshop (3)
THRE314	History of Musical Theatre (3)
THRE394	Advanced Play Direction (3)
THRE398	Acting III: Advanced Acting (3)
THRE399	Professional Internship (1-12)
THRE415	Topics Seminar (3)
THRE499	Advanced Experimental Course (1-3)

Note: The following courses may be used to fulfill the 3 additional hours needed if not used to fill the above requirement: THRE304, THRE305, THRE314, THRE315, THRE316

Performing Arts

Associate of Arts in Dance

(62 Credits)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Dance Technique Core (9 hours)

Choose 9 credits required from the following;

Note: *at least 2 credits must be completed at the 300 level*

DANC110	Modern I (1)
DANC120	Jazz Dance I (1)
DANC130	Ballet I (1)
DANC140	Tap I (1)
DANC210	Modern II (1)
DANC220	Jazz Dance II (1)
DANC230	Ballet II (1)
DANC240	Tap II (1)
DANC320	Jazz Dance III (2)
DANC330	Ballet III (2)

Dance Performance Core (3 hours)

DANC150	Dance Workshop I (1)
DANC250	Dance Workshop II (1)
DANC350	Dance Workshop III (1)

Dance Foundations Core (8 hours)

DANC290	Mechanics of Movement for Dancers (3)
DANC370	Dance Composition & Choreography (2)
DANC380	Western Dance History (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in Dance

(20 Credits)

Dance Technique Core (9 hours)

Choose 9 credits required from the following;

Note: *at least 2 credits must be completed at the 300 level*

DANC110	Modern I (1)
DANC120	Jazz Dance I (1)
DANC130	Ballet I (1)
DANC140	Tap I (1)
DANC210	Modern II (1)
DANC220	Jazz Dance II (1)
DANC230	Ballet II (1)
DANC240	Tap II (1)
DANC320	Jazz Dance III (2)
DANC330	Ballet III (2)

Dance Performance Core (3 hours)

DANC150	Dance Workshop I (1)
DANC250	Dance Workshop II (1)
DANC350	Dance Workshop III (1)

Dance Foundations Core (8 hours)

DANC290	Mechanics of Movement for Dancers (3)
DANC370	Dance Composition & Choreography (2)
DANC380	Western Dance History (3)

Physics

Mission Statement

At its most basic level, physics is the study of the fundamental laws that govern matter and energy in the universe. By its nature, physics is a broad field encompassing diverse disciplines such as astrophysics, biophysics, condensed matter physics, geophysics, medical physics, atomic & nuclear physics, and particle physics. Toward the end of the 19th century, the core areas of classical dynamics and electromagnetism were well understood and there was a feeling that the major problems in physics had all been solved. However, within a few decades “classical physics” had undergone a dramatic reformulation with the advent of relativity theory and quantum mechanics. In this same time period, our view of the universe exploded with the discovery of galaxies outside the Milky Way, as well as evidence for the big bang and universal expansion. Today, new discoveries and computational advances continue to change our view of the physical universe and major problems remain to be solved. Superconductivity, quantum gravity, dark matter & dark energy are just some of the topics at the forefront of current research in physics.

The physics major at Adrian College is designed to give the student a thorough understanding of the fundamentals of physics. The focus is on broad knowledge rather than specialized skills, though some specialized elective courses are available. Our curriculum emphasizes both theory and practice through a combination of lecture courses and laboratory courses. An undergraduate degree in physics provides the foundation necessary for graduate study in physics and related fields but is also excellent preparation for professional work in fields such as education, engineering, law, and medicine. Those considering a physics major are urged to consult a physics faculty member early on, to discuss the content of the degree options within the major and the opportunities after graduation.

Major Program Requirements

A grade of C- or better is required to satisfy any physics course prerequisite(s).

Engineering Dual-Degree Programs

Adrian College has partnered with the University of North Dakota (UND) to establish dual-degree engineering programs. Through this partnership, students will take on-campus courses at Adrian to earn a B.A. in Physics while simultaneously taking engineering courses online to earn a B.S. in Biomedical, Civil, Electrical, or Mechanical Engineering from UND.

For more information about these programs, please see the Dual-Degree Programs section of this catalog or contact Dr. Greg Thompson at Adrian College.

Physics

Bachelor of Arts in Physics

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH135	Calculus and Analytical Geometry I (4)
PHYS205	General Physics I (3)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Physics B.A. Core (20 hours)

PHYS201	General Physics: Mechanics (3)
PHYS202	General Physics: Thermodynamics & Electromagnetism (3)
PHYS203	Mechanics Laboratory (1)
PHYS204	Thermodynamics & Electromagnetism Laboratory (1)
PHYS301	Oscillations & Waves (3)
PHYS303	Oscillations & Waves Laboratory (1)
PHYS375	Quantum Physics (3)
PHYS385	20th Century Physics (3)
PHYS420	Capstone: Experimental Physics (2)

Physics B.A. Electives (12 hours)

Choose 12 hours required from the following:

PHYS321	Electronics and Instrumentation (3)
PHYS350	Stellar Astrophysics (3)
PHYS355	Galaxies & Cosmology (3)
PHYS401	Classical Mechanics I (3)
PHYS402	Classical Mechanics II (3)
PHYS403	Electromagnetic Theory I (3)
PHYS404	Electromagnetic Theory II (3)
PHYS430	Topics in Physics (1-4)
PHYS450	Physics Research (1-3)

Physics B.A. Cognates (15 hours)

MATH135	Calculus and Analytical Geometry I (4)
MATH205	Calculus and Analytical Geometry II (4)
MATH215	Calculus and Analytical Geometry III (4)
MATH305	Differential Equations (3)

Cognate Electives (3 hours)

Complete at least 3 hours of any 300/400-level course in any department outside of Biology, Chemistry & Biochemistry, Computer Science, ESS, Geology, Math, and Physics.

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Science in Physics

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH135	Calculus and Analytical Geometry I (4)
PHYS205	General Physics I (3)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Physics B.S. Core (26 hours)

PHYS201	General Physics: Mechanics (3)
PHYS202	General Physics: Thermodynamics & Electromagnetism (3)
PHYS203	Mechanics Laboratory (1)
PHYS204	Thermodynamics & Electromagnetism Laboratory (1)
PHYS301	Oscillations & Waves (3)
PHYS303	Oscillations & Waves Laboratory (1)
PHYS375	Quantum Physics (3)
PHYS385	20th Century Physics (3)
PHYS401	Classical Mechanics I (3)
PHYS403	Electromagnetic Theory I (3)
PHYS420	Capstone: Experimental Physics (2)

Physics B.S. Electives (6 hours)

Choose 6 hours required from the following:

PHYS321	Electronics and Instrumentation (3)
PHYS350	Stellar Astrophysics (3)
PHYS355	Galaxies & Cosmology (3)
PHYS402	Classical Mechanics II (3)
PHYS404	Electromagnetic Theory II (3)
PHYS430	Topics in Physics (1-4)
PHYS450	Physics Research (1-3)

Physics B.S. Cognates (18 hours)

CS103	Programming for Everyone I (3)
MATH135	Calculus and Analytical Geometry I (4)

Physics	
MATH205	Calculus and Analytical Geometry II (4)
MATH215	Calculus and Analytical Geometry III (4)
MATH305	Differential Equations (3)

Cognate Electives (7 hours)

Complete 4 hours of a Biology, Chemistry & Biochemistry, or Geology laboratory course (or lecture & lab sequence). Also, complete 3 hours of any 300/400-level course in any department outside of Biology, Chemistry & Biochemistry, Computer Science, ESS, Geology, Math, and Physics.

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Associate of Arts in Physics

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Physics Associate's Core (8 hours)

PHYS201	General Physics: Mechanics (3)
PHYS202	General Physics: Thermodynamics & Electromagnetism (3)
PHYS203	Mechanics Laboratory (1)
PHYS204	Thermodynamics & Electromagnetism Laboratory (1)

Physics Associate's Electives (4-6 hours)

Choose at least 4 hours from the following 300-400 level courses:

PHYS301	Oscillations & Waves (3)
PHYS303	Oscillations & Waves Laboratory (1)
PHYS321	Electronics and Instrumentation (3)
PHYS350	Stellar Astrophysics (3)
PHYS355	Galaxies & Cosmology (3)
PHYS375	Quantum Physics (3)
PHYS385	20th Century Physics (3)
PHYS401	Classical Mechanics I (3)

PHYS402	Classical Mechanics II (3)
PHYS403	Electromagnetic Theory I (3)
PHYS404	Electromagnetic Theory II (3)
PHYS430	Topics in Physics (1-4)
PHYS450	Physics Research (1-3)

Physics Associate's Math Requirements (8 hours)

MATH135	Calculus and Analytical Geometry I (4)
MATH205	Calculus and Analytical Geometry II (4)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in Physics

(31-32 hours)

Physics Minor Core (8 hours)

PHYS201	General Physics: Mechanics (3)
PHYS202	General Physics: Thermodynamics & Electromagnetism (3)
PHYS203	Mechanics Laboratory (1)
PHYS204	Thermodynamics & Electromagnetism Laboratory (1)

Physics Minor Electives (12 hours)

Choose at least 12 hours from the following 300-400 level courses:

PHYS301	Oscillations & Waves (3)
PHYS303	Oscillations & Waves Laboratory (1)
PHYS321	Electronics and Instrumentation (3)
PHYS350	Stellar Astrophysics (3)
PHYS355	Galaxies & Cosmology (3)
PHYS375	Quantum Physics (3)
PHYS385	20th Century Physics (3)
PHYS401	Classical Mechanics I (3)
PHYS402	Classical Mechanics II (3)
PHYS403	Electromagnetic Theory I (3)
PHYS404	Electromagnetic Theory II (3)
PHYS420	Capstone: Experimental Physics (2)
PHYS430	Topics in Physics (1-4)

Physics Minor Math Requirements (11-12 hours)

MATH135	Calculus and Analytical Geometry I (4)
MATH205	Calculus and Analytical Geometry II (4)
MATH215	Calculus and Analytical Geometry III (4)
or MATH305	Differential Equations (3)

Political Science

Mission Statement

The mission of the Political Science Department is to prepare students with broadly applicable skills in research and analysis.

Departmental graduates should:

- Be able to ask interesting and important questions—questions whose answers will provide new insight into incompletely understood issues;
- Be able to gather the information that will allow them to answer such questions—ideally the graduate will be the person who knows how to find or collect needed information or data when others do not;
- Be able to analyze that information, including synthesizing old and new knowledge and knowledge from multiple disciplines—ideally the graduate will easily transcend disciplinary boundaries;
- Be able to clearly and persuasively explain the analysis in both written and verbal formats.

Political Science is the subject matter used to develop these skills, but their applicability should not be limited to solely, or even primarily, to the discipline.

Major Program Requirements

Sophomore standing and a 100- or 200-level course are prerequisites for 300-level courses. Junior standing is required to take 400-level courses.

All students majoring in Political Science must complete a department approved experiential component. This is fulfilled through either an internship, external academic experience or through a college-approved study abroad experience.

Majors are encouraged, to consider the following courses related to political science:

ESS104	Regional Geography (3)
ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)

and one or more introductory level courses in American History (HIST105, HIST106), Asian History (HIST130, HIST131, HIST132, HIST133), Western History (HIST123, HIST124) or Islamic History (HIST111).

Bachelor of Arts in International Studies (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)

CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
AHIS201	Western Art History I: Prehistory through Medieval (3) *
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
HIST130	Chinese History I (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

International Studies Core (12 hours)

ESS104	Regional Geography (3)
PSCI136	International Relations (3)
PSCI315	Globalization (3)
or ECON315	Globalization (3)
INTL409	Capstone: Research Seminar (3) *

**Or Capstone course is an appropriate discipline, as approved by the International Studies Director.*

Study Abroad Core (8 hours)

A minimum eight (8) Study Abroad credit hours are required. Courses may be counted toward language proficiency or elective requirement as appropriate.

*** (Note: Tours led by Adrian College Faculty do not count toward Study Abroad hours.)*

Students must demonstrate Language Proficiency at the MLCX200-level.

*All students must choose a track from:
Asian Studies
European Studies*

Asian Studies (15 hours)

Choose 15 hours required from the following (at least 9 hours must be completed at 300-level):

HIST130	Chinese History I (3)
HIST131	Chinese History II (3)
HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)
HIST265	Medieval China
HIST302	Studies in Eastern Religion (3) *
HIST350	History of Chinese Philosophy (3) *
HIST355	History and Memory of the Atomic Bombings (3) *
MLCJ210	Japanese Literature in Translation (3)

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MLCJ215	Japanese Film (3)
MLCJ350	Advanced Japanese Language (3)*
RELG105	Religions of the East (3)
RELG315	Buddhism (3)*
RELG335	Japanese Religions (3)*
RELG345	Chinese Religions (3)*

Up to 8 hours of courses from Study Abroad can be used with pre-approval from the International Studies Director.

**Courses marked with an asterisk have prerequisites.*

European Studies (15 hours)

Choose 15 hours required from the following (courses must be chosen from two different departments and at least 9 hours must be completed at 300-level):

AHIS201	Western Art History I: Prehistory through Medieval (3)*
AHIS202	Western Art History II: Renaissance through Contemporary (3)*
AHIS303	Fortification to Reformation: The History of York, England to the 15 th Century (6)*
AHIS336	History of Modern Art (3)*
AHIS337	Contemporary Art History (3)*
COMM319	Film History (3)*
ENGL211	Introduction to British Literature I (3)
ENGL212	Introduction to British Literature II (3)
ENGL352	Shakespeare (3)*
ENGL358	Focus on British Literature (3)*
HIST124	Global History II (3)
HIST213	Women and Gender in the Cold War (3)
HIST305	History of the Soviet Union (3)*
HIST321	Perspectives on Nazi Germany (3)*
MLCG331	Nazi Propaganda (3)*
MLCG332	Holocaust and Memory (3)*
MLCG361	Conversation: Professional German (1)
MLCG362	Conversation: Leisure & Games (1)
MLCG363	Conversation: Flora & Fauna (1)
MLCG364	Conversation: The Human Body (1)
MLCG365	Conversation: Social Simulations (1)
MLCG366	Conversation: Scientific German (1)
MLCS310	Peninsular Spanish Lit & Culture (3)
MLCS310L	Peninsular Spanish Lit & Culture Lab (1)
MLCS350	Adv. Spanish Language (3)
MLCS350L	Adv. Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)
MUS316	Music History before 1750 (3)*
MUS318	Music History from 1750-1880 (3)*
MUS319	Music History after 1880 (3)*
PHIL332	Political Philosophy (3)*
PSCI160	Comparing Democracies (3)
PSCI351	European Politics (3)*
PSCI352	Central and East European Politics (3)*

RELG101	Bible and Culture (3)
RELG102	Religions of the West (3)
THRE316	Theatre History II (3)*

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Up to 8 hours of courses from Study Abroad can be used with pre-approval from the International Studies Director.

**Courses marked with an asterisk have prerequisites.*

Bachelor of Arts in Political Science

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Political Science Core (19 hours)

PSCI101	American Federal Government (3)
PSCI136	International Relations (3)
PSCI160	Comparing Democracies (3)
PSCI210	Career Seminar (1)
PSCI240	Political Theory (3)
PSCI295	Research Methods for Political Science (3)
PSCI409	Capstone: Research Seminar (3)

Political Science Electives (17 hours)

**Note: at least 6 hours of electives must be completed at the 300 or 400 level*

Choose 17 hours required from the following:

PSCI102	State and Local Government (3)
PSCI205	Introduction to Public Policy (3)

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PSCI206	Global Health Policy (3)
PSCI245	Environmental Politics (3)
PSCI250	United State Foreign Policy (3)
PSCI273	Nuclear Weapons and Power (3)
PSCI285	Congress and Presidents (3)
PSCI301	Special Topics in Political Science (1-3)
PSCI302	Belize Field Experience (3)
PSCI305	Political Economy (3)
PSCI315	Globalization (3)
PSCI328	Politics in the Third World (3)
PSCI331	Campaigns and Elections (3)
PSCI351	European Politics (3)
PSCI352	Central and East European Politics (3)
PSCI370	Democratization (3)
PSCI380	Democratic Theory (3)
PSCI396	Constitutional Law I: Powers of Government (3)
PSCI397	Constitutional Law II: Individual Liberties (3)
PSCI399	Professional Internship (1-12)
PSCI405	Strategic Behavior (3)

Cognates (3-4 hours)

MATH204	Elementary Statistics (3)
or PSYC211	Statistics for Psychology (3 + 1 hour lab)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Arts in Public Administration (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH115	Pre-Calculus Mathematics (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
PSCI101	American Federal Government (3)
XXXX	WAC – Writing Intensive (3)

Public Administration Core (24 hours)

PSCI101	American Federal Government (3)
PSCI102	State and Local Government (3)
PSCI203	Introduction to Public Administration (3)
PSCI205	Introduction to Public Policy (3)
PSCI295	Research Methods for PSCI (3)
or SOC385	Social Research Methods (3)
PSCI303	State and Local Government Administration (3)
PSCI304	Public Budgeting and Finance (3)
PSCI410	Public Administration Capstone (3)

Public Administration Cognates (24-26 hours)

Choose 24-26 hours required from the following:

ACCT203	Principles of Accounting (3)
COMM338	Crisis Communication (3)
COMM342	Organizational Communication (3)
or MGMT243	Organizational Behavior (3)
ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
HIST106	U.S. History since 1865 (3)
HIST242	The Civil Rights Movement (3)
HIST361	The “American” Century (3)
LDRS360	Leadership & Ethics (3)
MATH104	Finite Mathematics (3)
or MATH115	Pre-Calculus Mathematics (4)
MATH204	Elementary Statistics (3)
or PSYC211	Statistics for Psychology (4)
MGMT344	Human Resource Management (3)
PSCI/SCJ396	Constitutional Law I: Powers of Government (3)
PSCI/SCJ397	Constitutional Law II: Individual Liberties (3)
SOC104	Introduction to Sociology (3)
WGS129	Intro to Women’s & Gender Studies (3)

Public Administration Electives (6 hours)

Choose 6 hours required from the following:

COMM330	Intercultural Communication (3)
HCA100	History of Public Health (3)
HCA385	Health and Society: Introduction to Public Health (3)
PSCI136	International Relations (3)
PSCI160	Comparing Democracies (3)
PSCY214	Social Psychology (3)
SCJ360	Criminology and Prevention (3)
SCJ364	Drugs and American Society (3)
SOC202	Sociology of Sex and Gender (3)
SOC303	Race and Ethnic Relations (3)
SOC309	Urban Sociology (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Associate of Arts in International Studies
(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

International Studies Associate's Core (9 hours)

ESS104	Regional Geography (3)
PSCI136	International Relations (3)
PSCI315	Globalization (3)
or ECON315	Globalization (3)

A minimum six (6) Study Abroad credit hours are required. Courses may be counted toward language proficiency or elective requirement as appropriate.

*** (Note: Tours led by Adrian College Faculty do not count toward Study Abroad hours.)*

Students must demonstrate Language Proficiency at the MLCX200-level.

International Studies Electives (6 hours)

Choose 6 hours from the Asian Studies or European Studies track (courses must be chosen from two different departments):

Asian Studies Options:

HIST130	Chinese History I (3)
HIST131	Chinese History II (3)
HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)
HIST265	Medieval China
HIST302	Studies in Eastern Religion (3)*
HIST350	History of Chinese Philosophy (3)*
HIST355	History and Memory of the Atomic

MLCJ210	Bombings (3)*
MLCJ215	Japanese Literature in Translation (3)
MLCJ350	Japanese Film (3)
RELG105	Advanced Japanese Language (3)*
RELG315	Religions of the East (3)
RELG335	Buddhism (3)*
RELG345	Japanese Religions (3)*
	Chinese Religions (3)*

European Studies Options:

AHIS201	Western Art History I: Prehistory through Medieval (3)*
AHIS202	Western Art History II: Renaissance through Contemporary (3)*
AHIS303	Fortification to Reformation: The History of York, England to the 15 th Century (6)*
AHIS336	History of Modern Art (3)
AHIS337	Contemporary Art History (3)
COMM319	Film History (3)*
ENGL211	Introduction to British Literature I (3)
ENGL212	Introduction to British Literature II (3)
ENGL352	Shakespeare (3)*
ENGL358	Focus on British Literature (3)*
HIST124	Global History II (3)
HIST213	Women and Gender in the Cold War (3)
HIST305	History of the Soviet Union (3)*
HIST321	Perspectives on Nazi Germany (3)*
MLCG331	Nazi Propaganda (3)*
MLCG332	Holocaust and Memory (3)*
MLCG361	Conversation: Professional German (1)
MLCG362	Conversation: Leisure & Games (1)
MLCG363	Conversation: Flora & Fauna (1)
MLCG364	Conversation: The Human Body (1)
MLCG365	Conversation: Social Simulations (1)
MLCG366	Conversation: Scientific German (1)
MLCS310	Peninsular Spanish Lit & Culture (3)
MLCS310L	Peninsular Spanish Lit & Culture Lab (1)
MLCS350	Adv. Spanish Language (3)
MLCS350L	Adv. Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)
MUS316	Music History before 1750 (3)*
MUS318	Music History from 1750-1880 (3)*
MUS319	Music History after 1880 (3)*
PHIL332	Political Philosophy (3)*
PSCI160	Comparing Democracies (3)
PSCI351	European Politics (3)*
PSCI352	Central and East European Politics (3)*
RELG101	Bible and Culture (3)
RELG102	Religions of the West (3)
THRE316	Theatre History II (3)*

Up to 6 hours of courses from Study Abroad can be used with pre-approval from the International Studies Director.

Political Science

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

**Courses marked with an asterisk have prerequisites.*

Associate of Arts in Political Science

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science (3)

Political Science Associate's Core (15 hours)

PSCI101	American Federal Government (3)
PSCI136	International Relations (3)
PSCI160	Comparing Democracies (3)
PSCI240	Political Theory (3)
PSCI295	Research Methods for Political Science (3)

Political Science Associate's Electives (5 hours)

**Note: at least 3 hours of electives must be completed at the 300 or 400 level*

Choose 5 hours required from the following:

PSCI102	State and Local Government (3)
PSCI205	Introduction to Public Policy (3)
PSCI206	Global Health Policy (3)
PSCI210	Career Seminar (1)
PSCI245	Environmental Politics (3)
PSCI250	United State Foreign Policy (3)
PSCI273	Nuclear Weapons and Power (3)
PSCI285	Congress and Presidents (3)
PSCI301	Special Topics in Political Science (1-3)
PSCI302	Belize Field Experience (3)
PSCI305	Political Economy (3)
PSCI315	Globalization (3)
PSCI328	Politics in the Third World (3)
PSCI331	Campaigns and Elections (3)
PSCI351	European Politics (3)
PSCI352	Central and East European Politics (3)
PSCI370	Democratization (3)
PSCI380	Democratic Theory (3)
PSCI396	Constitutional Law I: Powers of Government (3)
PSCI397	Constitutional Law II: Individual Liberties (3)

PSCI399	Professional Internship (1-12)
PSCI405	Strategic Behavior (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in International Studies

(15-23 hours)

International Studies Core (9 hours)

ESS104	Regional Geography (3)
PSCI136	International Relations (3)
PSCI315	Globalization (3)
or ECON315	Globalization (3)

A minimum six (6) Study Abroad credit hours are required. Courses may be counted toward language proficiency or elective requirement as appropriate

*** (Note: Tours led by Adrian College Faculty do not count toward Study Abroad hours.)*

Students must demonstrate Language Proficiency at the MLCX200-level

International Studies Electives (6 hours)

Choose 6 hours from the Asian Studies or European Studies track (courses must be chosen from two different departments):

Asian Studies Options

HIST130	Chinese History I (3)
HIST131	Chinese History II (3)
HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)
HIST265	Medieval China
HIST302	Studies in Eastern Religion (3)*
HIST350	History of Chinese Philosophy (3)*
HIST355	History and Memory of the Atomic Bombings (3)*
MLCJ210	Japanese Literature in Translation (3)
MLCJ215	Japanese Film (3)
MLCJ350	Advanced Japanese Language (3)*
RELG105	Religions of the East (3)
RELG315	Buddhism (3)*
RELG335	Japanese Religions (3)*
RELG345	Chinese Religions (3)*

Political Science

European Studies Options

AHIS201	Western Art History I: Prehistory through Medieval (3)*
AHIS202	Western Art History II: Renaissance through Contemporary (3)*
AHIS303	Fortification to Reformation: The History of York, England to the 15 th Century (6)*
AHIS336	History of Modern Art (3)
AHIS337	Contemporary Art History (3)
COMM319	Film History (3)*
ENGL211	Introduction to British Literature I (3)
ENGL212	Introduction to British Literature II (3)
ENGL352	Shakespeare (3)*
ENGL358	Focus on British Literature (3)*
HIST124	Global History II (3)
HIST213	Women and Gender in the Cold War (3)
HIST305	History of the Soviet Union (3)*
HIST321	Perspectives on Nazi Germany (3)*
MLCG331	Nazi Propaganda (3)*
MLCG332	Holocaust and Memory (3)*
MLCG361	Conversation: Professional German (1)
MLCG362	Conversation: Leisure & Games (1)
MLCG363	Conversation: Flora & Fauna (1)
MLCG364	Conversation: The Human Body (1)
MLCG365	Conversation: Social Simulations (1)
MLCG366	Conversation: Scientific German (1)
MLCS310	Peninsular Spanish Lit & Culture (3)
MLCS310L	Peninsular Spanish Lit & Culture Lab (1)
MLCS350	Adv. Spanish Language (3)
MLCS350L	Adv. Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)
MUS316	Music History before 1750 (3)*
MUS318	Music History from 1750-1880 (3)*
MUS319	Music History after 1880 (3)*
PHIL332	Political Philosophy (3)*
PSCI160	Comparing Democracies (3)
PSCI351	European Politics (3)*
PSCI352	Central and East European Politics (3)*
RELG101	Bible and Culture (3)
RELG102	Religions of the West (3)
THRE316	Theatre History II (3)*

Up to 6 hours of courses from Study Abroad can be used with pre-approval from the International Studies Director.

**Courses marked with an asterisk have prerequisites.*

Minor in Political Science

(20 hours)

Political Science Minor Core (15 hours)

PSCI101	American Federal Government (3)
PSCI136	International Relations (3)

PSCI160	Comparing Democracies (3)
PSCI240	Political Theory (3)
PSCI295	Research Methods for Political Science (3)

Political Science Minor Electives (5 hours)

**Note: at least 3 hours of electives must be completed at the 300 or 400 level*

Choose 5 hours required from the following:

PSCI102	State and Local Government (3)
PSCI205	Introduction to Public Policy (3)
PSCI206	Global Health Policy (3)
PSCI210	Career Seminar (1)
PSCI245	Environmental Politics (3)
PSCI250	United State Foreign Policy (3)
PSCI273	Nuclear Weapons and Power (3)
PSCI285	Congress and Presidents (3)
PSCI301	Special Topics in Political Science (1-3)
PSCI302	Belize Field Experience (3)
PSCI305	Political Economy (3)
PSCI315	Globalization (3)
PSCI328	Politics in the Third World (3)
PSCI331	Campaigns and Elections (3)
PSCI351	European Politics (3)
PSCI352	Central and East European Politics (3)
PSCI370	Democratization (3)
PSCI380	Democratic Theory (3)
PSCI396	Constitutional Law I: Powers of Government (3)
PSCI397	Constitutional Law II: Individual Liberties (3)
PSCI399	Professional Internship (1-12)
PSCI405	Strategic Behavior (3)

Minor in Military Science (19 hours)

6 Credits at the 100-200 Level:

MIL101	Introduction to the Army (1)
MIL102	Foundations of Agile and Adaptive Leadership (1)
MIL201	Leadership and Decision Making (2)
MIL202	Army Doctrine and Team Development (2)

13 Credits at the 300-400 Level:

MIL301	Training Management and the Warfighting Functions (3)
MIL302	Applied Leadership in Small Unit OPS (3)
MIL401	The Army Officer (3)
MIL402	Company Grade Leadership (3)
MIL480	United States Military History (3)

Minor in Public Administration (18 hours)

Public Administration Minor Core (18 hours)

LDRS360	Leadership and Ethics (3)
PSCI101	American Federal Government (3)
PSCI203	Introduction to Public Administration (3)

Political Science

PSCI205	Introduction to Public Policy (3)
PSCI303	State and Local Government Administration (3)
SOC104	Introduction to Sociology (3)

Psychology

Mission Statement

The psychology major provides a strong background in the application of the scientific method to understanding human behavior and cognitive processes. A graduate in psychology will understand the social, cultural and biological influences on human behavior; critically evaluate prior research in psychology; create original research in the field; and understand the diversity of human behavior.

Major Program Requirements

No more than 3 hours of internship credit (PSYC199 or PSYC399) may be applied toward the 35-semester-hour Psychology requirement. Psychology majors must complete PSYC100 no later than the fall of their sophomore year and must complete PSYC211 by the end of their sophomore year. PSYC265 must be completed no later than the fall of their junior year. All psychology majors will design an individual research project in PSYC444 and execute that project in PSYC445. PSYC444 is to be taken in the spring semester of the junior year, and PSYC445 during the fall of the senior year. All psychology majors (including double majors) are required to seek departmental guidance regarding the proposed program for their major.

A grade of C or better is required in the course prerequisites for any psychology course.

For information about Pre-Art Therapy, see the pre-professional section of the catalog.

Bachelor of Arts in Psychology

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
PHIL101	Introduction to Philosophy (3)
PSYC100	General Psychology (3)
XXXX	WAC – Writing Intensive (3)

Psychology Core (18 hours)

PSYC100	General Psychology (3)
PSYC211	Statistics for Psychology (4)

PSYC265	Research Methods for Majors (4)
PSYC329	History of Psychology (3)
PSYC444	Advanced Research (2)
PSYC445	Capstone: Senior Research (2)

Psychology Electives (14 hours)

Choose 14 hours required from the following:

PSYC199	Exploratory Internship (1-3)
PSYC205	Developmental Psychology (3)
PSYC206	Health Psychology (3)
PSYC214	Social Psychology (3)
PSYC218	Stigma, Mental Health and Film (3)
PSYC299	Experimental Course (1-3)
PSYC300	Topics in Psychology (1-3)
PSYC303	Abnormal Psychology (4)
PSYC304	Theories and Principles of Psychotherapy (3)
PSYC305	Child Psychopathology (3)
PSYC306	Psychology of Gender (3)
PSYC311	Personality Theory and Research (3)
PSYC313	Cognitive Psychology (3)
PSYC321	Psychology and Law (3)
PSYC322	Learning Theory (3)
PSYC325	Ethics in Psychology (2)
PSYC341	Biopsychology (3)
PSYC348	Industrial/Organizational Psychology (3)
PSYC399	Professional Internship (1-3)
PSCY451	Independent Study (1-3)
PSYC499	Advanced Experimental Course (1-3)

Cognate (3 hours)

PHIL101	Introduction to Philosophy (3)
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General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**no more than 3 hours of internship credits (PSYC199 or PSYC399) may be applied toward the 32 semester- hour requirement*

Associate of Arts in Psychology

(63 hours)

Note: The Associate of Arts degree in Psychology is for students not pursuing a bachelor's degree. Students who have a major in another department should complete the Psychology minor.

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)

Psychology

CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH1101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
XXXX	Philosophy/Religion (3)
PSYC100	General Psychology (3)
XXXX	WAC – Writing Intensive (3)

Psychology Associate's Core (11 hours)

PSYC100	General Psychology (3)
PSYC211	Statistics for Psychology (4)
PSYC265	Research Methods for Majors (4)

Psychology Electives (11 hours)

Choose 11 hours required from the following:

PSYC199	Exploratory Internship (1-3)
PSYC205	Developmental Psychology (3)
PSYC206	Health Psychology (3)
PSYC214	Social Psychology (3)
PSYC218	Stigma, Mental Health and Film (3)
PSYC299	Experimental Course (1-3)
PSYC300	Topics in Psychology (1-3)
PSYC303	Abnormal Psychology (4)
PSYC304	Theories and Principles of Psychotherapy (3)
PSYC305	Child Psychopathology (3)
PSYC306	Psychology of Gender (3)
PSYC311	Personality Theory and Research (3)
PSYC313	Cognitive Psychology (3)
PSYC321	Psychology and Law (3)
PSYC322	Learning Theory (3)
PSYC325	Ethics in Psychology (2)
PSYC329	History of Psychology (3)
PSYC341	Biopsychology (3)
PSYC348	Industrial/Organizational Psychology (3)
PSYC399	Professional Internship (1-3)
PSCY451	Independent Study (1-3)
PSYC499	Advanced Experimental Course (1-3)

**no more than 3 hours of internship credits (PSYC199 or PSYC399) may be applied toward the 22 semester- hour requirement*

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in Psychology

(19 hours)

Psychology Core (7 hours)

PSYC100	General Psychology (3)
PSYC212	Research Methods for Non-Majors (4)

Psychology Electives (12 hours)

Choose 12 hours required from the following:

PSYC199	Exploratory Internship (1-3)
PSYC205	Developmental Psychology (3)
PSYC206	Health Psychology (3)
PSYC211	Statistics for Psychology (4)
PSYC214	Social Psychology (3)
PSYC218	Stigma, Mental Health and Film (3)
PSYC299	Experimental Course (1-3)
PSYC300	Topics in Psychology (1-3)
PSYC303	Abnormal Psychology (4)
PSYC304	Theories and Principles of Psychotherapy (3)
PSYC305	Child Psychopathology (3)
PSYC306	Psychology of Gender (3)
PSYC311	Personality Theory and Research (3)
PSYC313	Cognitive Psychology (3)
PSYC321	Psychology and Law (3)
PSYC322	Learning Theory (3)
PSYC325	Ethics in Psychology (2)
PSYC329	History of Psychology (3)
PSYC341	Biopsychology (3)
PSYC348	Industrial/Organizational Psychology (3)
PSYC399	Professional Internship (1-3)
PSCY451	Independent Study (1-3)
PSYC499	Advanced Experimental Course (1-3)

**no more than 3 hours of internship credits (PSYC199 or PSYC399) may be applied toward the 19 semester- hour requirement*

Social Work

Mission Statement

The mission of Social Work at Adrian College is to educate and empower students with the knowledge, skills and values to make a difference in the lives of others through embracing diversity, establishing human relationships and advocating for social justice to reinforce the intrinsic worth of all individuals and communities.

Social Work is a helping profession offering services to all people who need assistance in their lives because of social, emotional, financial or other life problems. The purpose of Social Work is the restoration and enhancement of social functioning through intervention with individuals, families, groups, larger social systems and social welfare policies and programs. Social Workers work with individuals, families, and groups, but also recognize that the ability to accomplish life tasks and solve problems depends on having resources available.

The Social Work curriculum builds upon a foundation of liberal arts education. It draws especially upon biological, psychological, and sociological knowledge while developing the unique social work knowledge and skills needed for helping people manage problem situations.

The Adrian College Social Work Program is fully accredited by the Council on Social Work Education (CSWE). This national accrediting body ensures that all baccalaureate and graduate-level social work programs are of a high quality and that they graduate competent professionals. Social workers are required to be licensed in the State of Michigan, as in most other states. Students graduating from a CSWE-accredited social work program are eligible to be licensed in the state in which they are employed. Accreditation also allows students to apply for advanced placement status in graduate schools of social work.

In addition to their classroom experiences, social work students engage in a wide variety of activities working with various client populations in their field placements:

- Work with the elderly
- Work with troubled children, youth, adults, & families
- Work with people encountering difficult life transitions
- Social research in the community
- Work with persons with developmental and physical challenges
- Work with juvenile delinquents
- Work with at-risk school children
- Work with community organizations
- Work with community agencies in program planning and implementation

Major Program Requirements

All Social Work Majors must formally apply to the Social Work Program by the end of their sophomore year.

To be eligible for admission;

- Applicants must have completed or be enrolled currently in PSYC100, SOC104 or SOC201, PSCI101 or PSCI102, BIOL101, and SOCW200.
- Applicants must have a minimum GPA of 2.5.
- Applicants need two recommendations, one from an Adrian College faculty member.
- Applicants must submit a written personal statement, which includes information about their commitment to social work as a vocation and describes volunteer service in the field.

A student who does not fully meet one or more of the admission criteria may be admitted to the Social Work Program conditionally, provided the student, after an interview with the Program Director of Social Work, agrees in writing to remove the deficiency by the time she/he makes application for admission to the practicum.

Program policies are detailed in the Social Work Program Student Handbook

Social Work

Bachelor of Social Work

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
BIOL101	Biology and Society (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
PSCI101	American Federal Government (3)
XXXX	WAC – Writing Intensive (3)

Social Work Core (52 hours)

SOCW200	Foundations of Social Work (4)
SOCW314	Professional Writing and Documentation (4)
SOCW325	Diversity: Inequality, Privilege, and Oppression (4)
SOCW330	Human Behavior in the Social Environment (4)
SOCW333	Social Welfare Policy (4)
SOCW336	Generalist SW Practice Methods I (4)
SOCW337	Generalist SW Practice Methods II (4)
SOCW382	Trauma Across the Lifespan (4)
SOCW390	Social Work Research Methods (4)
SOCW404	Modern Social Work Theory (4)
SOCW405	Capstone: Senior Social Work (2)
SOCW495	Social Work Practicum I (5)
SOCW496	Social Work Practicum II (5)

Social Work Cognates (13 hours)

BIOL101	Biology and Society (4)
PSCI101	American Federal Government (3)
or PSCI102	State and Local Government (3)
PSYC100	General Psychology (3)
SOC104	Introduction to Sociology (3)
or SOC201	Social Problems (3)

Additional suggested Bachelor of Social Work electives in other departments:

ECON202	Principles of Macroeconomics (3)
MATH204	Statistics (3)
PSYC205	Developmental Psychology (3)

PSYC206	Health Psychology (3)
PSYC211	Statistics for Psychology (4)
PSYC303	Abnormal Psychology (3)
PSYC304	Theories & Principles of Psychotherapy (3)
SOC202	Sociology of Sex and Gender (3)
SOC303	Race and Ethnic Relations (3)
SOC311	Class, Status, & Power (3)
T ED204	Educational Psychology (3)*

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

**course has a required co-requisite of T ED200*

Minor in Social Work

(25-27 Hours)

SOC104	Introduction to Sociology (3)
or SOC201	Social Problems (3)
SOCW200	Foundations of Social Work (4)
SOCW325	Diversity: Inequality, Privilege, and Oppression (4)
SOCW330	Human Behavior in the Social Environment (4)
SOCW333	Social Welfare Policy (4)
SOCW 382	Trauma Across the Lifespan (4)
SOCW399	Professional Internship (2-4)

Sociology, Criminal Justice, and Women and Gender Studies

Mission Statement

Adrian College’s affiliation with the United Methodist Church informs the values, principles, and behavior of the College, its students, and the programs in Sociology, Criminal Justice, and Women and Gender Studies. Methodism’s founder, John Wesley, advocated a Christian faith that emphasized a social consciousness. Adrian College’s founder, the abolitionist Asa Mahan, emphasized the “power of action” and the “intrinsic value” of all human beings. Together, these ideals form the foundation of our programs to encourage an active concern for peace and justice toward the diversity of humanity, particularly among those who are historically under-represented.

The mission of the Bachelor of Arts in Sociology program is to rigorously prepare students with an understanding of the concepts, research methods, and theory foundations necessary for graduate school or career placement. The program emphasizes social activism, applying sociology to hands-on experiences in academic service learning, community-based research, and internships in community agencies. This practical focus develops critical thinking skills and empirical data analysis to aid students in fields as diverse as criminal justice, politics, social work, corporate consulting, education, and community services. Consistent with the mission and principles of Adrian College, students will deepen their ability to be thoughtful, caring, inclusive, and active persons committed to human rights and social justice, while trained in the liberal arts tradition.

The mission of the Bachelor of Arts in Criminal Justice program is to ensure that students are knowledgeable professionals in the field of criminal justice, with generalist expertise and a specific focus on either law enforcement, corrections, or legal principles. The program emphasizes equitable functioning of the criminal justice system, focusing on rigorous data collection and analysis, theories regarding the behavior both of criminals and of the system itself, and field placement in competitive internships. This practical focus develops critical thinking skills and empirical data analysis to aid students in their work as probation officers, corrections officers, law enforcement officers, lawyers, legal administrators, and juvenile court specialists. Consistent with the mission and principles of Adrian College, students will deepen their ability to be thoughtful, caring, inclusive, and active persons committed to social justice, human rights, and

constitutional remedies to errors or abuses of power, while trained in the liberal arts tradition.

The mission of the Women and Gender Studies program is to present an interdisciplinary reflection of the role of gender (and gender difference) in shaping society, culture, history, intellectual traditions, and the arts. The program emphasizes the experience of women and the construction of gender roles, identities, and stereotypes in a variety of contexts, particularly with respect to their intersection with race, ethnicity, and social class. Students are introduced to the often-neglected contributions of women in such areas as the sciences, medicine, the humanities, social science, and the arts. Consistent with the mission and principles of Adrian College, students will deepen their ability to be thoughtful, sensitive, and effective individuals across a breadth of academic and professional settings, while trained in the liberal arts tradition.

These programs continue the tradition of commitment to the values of social action, peace and justice, and inclusion. Students from all backgrounds are strongly encouraged to thoughtfully and critically assess their values and behavior, now and in the future. Students are also challenged to develop intellectual and interpersonal skills to actuate these principles.

Bachelor of Arts in Sociology

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
SOC104	Introduction to Sociology (3)
XXXX	WAC – Writing Intensive (3)

Sociology Core (21 hours)

SOC104	Introduction to Sociology (3)
SOC201	Social Problems (3)
SOC381	Sociological Theory (3)

Sociology, Criminal Justice, and Women and Gender Studies

SOC385	Social Research Methods (3)
SOC405	Critical Theory of Society (3)
SOC407	Capstone: Senior Research (3)
SCJ308	Sex Discrimination and Violence against Women (3)

Sociology Electives (12 hours)

Choose 12 hours required from the following:

SOC202	Sociology of Sex and Gender (3)
SOC303	Race and Ethnic Relations (3)
SOC307	Marriage and the Family (3)
SOC309	Urban Sociology (3)
SOC311	Class, Status & Power (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Arts in Criminal Justice

(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
SOC104	Introduction to Sociology (3)
XXXX	WAC – Writing Intensive (3)

Criminal Justice B.A. Core (29 hours)

SOC104	Introduction to Sociology (3)
SOC381	Sociological Theory (3)
SOC385	Social Research Methods (3)
SOC407	Capstone: Senior Research (3)
SCJ225	Introduction to Criminal and Juvenile Justice (3)
SCJ360	Criminology & Prevention (3)
SCJ363	Corrections and Rehabilitation (3)
SCJ366	Criminal Law (3)
SCJ393	Criminal Procedure and the Courts (3)
SCJ399	Professional Internship (2)

All students must choose a track from:

- Law Enforcement
- Corrections and Rehabilitation
- Law and the Judiciary

Law Enforcement Track (9 hours)

Choose 9 hours required from the following:

SCJ267	Criminal Investigation & Forensics (3)
SCJ301	Federal Law Enforcement Careers (3)
SCJ361	Police and Urban Society (3)
SCJ362	Sociology of Gangs in Contemporary Society (3)
SCJ404	Issues in Homeland Security (3)

Corrections and Rehabilitation Track (9 hours)

Choose 9 hours required from the following:

SCJ266	Juvenile Justice and Delinquency (3)
SCJ308	Sex Discrimination and Violence against Women (3)
SCJ364	Drugs and American Society (3)
SCJ405	Issues in Prison Reform (3)

Law and the Judiciary Track (9 hours)

Choose 9 hours required from the following:

SCJ396	Constitutional Law I: Powers of Government (3)
SCJ397	Constitutional Law II: Individual Liberties (3)
SCJ400	Freedom of Expression and Crime (3)
SCJ402	Wrongful Conviction Seminar (3)
SCJ403	Death Penalty Seminar (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Associate of Arts in Criminal Justice

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART / Humanities (3)
ESAT100	Principles of Fitness (2)
XXXX	Natural Science and Lab (4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)

XXXX Social Science (3)

Criminal Justice Associate's Core (21 hours)

SOC104 Introduction to Sociology (3)
 SOC385 Social Research Methods (3)
 SCJ225 Introduction to Criminal and Juvenile Justice (3)
 SCJ360 Criminology & Prevention (3)
 SCJ363 Corrections and Rehabilitation (3)
 SCJ366 Criminal Law (3)
 SCJ393 Criminal Procedure & the Courts (3)

Criminal Justice Electives (3 hours)

Choose 3 hours required from the following:
 SCJ361 Police and Urban Society (3)
 SCJ364 Drugs and American Society (3)
 SCJ400 Freedom of Expression and Crime (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Associate of Arts in Sociology

(62 hours)

Skills / Distribution Requirements (24 hours)

CCC100 Introduction to College Writing (3)
 CCC101 College Writing and Inquiry (3)
 CCC102 Public Speaking (3)
 XXXX ART / Humanities (3)
 ESAT100 Principles of Fitness (2)
 XXXX Natural Science and Lab (4)
 XXXX Cross Cultural Studies (3)
 RELG/PHIL Religion / Philosophy (3)
 XXXX Social Science (3)

Sociology Associate's Core (15 hours)

SOC104 Introduction to Sociology (3)
 SOC201 Social Problems (3)
 SOC385 Social Research Methods (3)
 SOC381 Sociological Theory (3)
 SOC405 Critical Theory of Society (3)

Sociology Electives (9 hours)

Choose 9 hours required from the following:
 SOC202 Sociology of Sex and Gender (3)
 SOC303 Race and Ethnic Relations (3)
 SOC307 Marriage and the Family (3)
 SOC309 Urban Sociology (3)
 SOC311 Class, Status & Power (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements: completion of a minimum of 62 credit hours.

Minor in Criminal Justice

(24 hours)

Criminal Justice Minor Core (21 hours)

SOC104 Introduction to Sociology (3)
 SOC385 Social Research Methods (3)
 SCJ225 Introduction to Criminal and Juvenile Justice (3)
 SCJ360 Criminology & Prevention (3)
 SCJ363 Corrections and Rehabilitation (3)
 SCJ366 Criminal Law (3)
 SCJ393 Criminal Procedure & the Courts (3)

Criminal Justice Electives (3 hours)

Choose 3 hours required from the following:
 SCJ361 Police and Urban Society (3)
 SCJ364 Drugs and American Society (3)
 SCJ400 Freedom of Expression and Crime (3)

Minor in Sociology

(24 hours)

Sociology Minor Core (15 hours)

SOC104 Introduction to Sociology (3)
 SOC201 Social Problems (3)
 SOC385 Social Research Methods (3)
 SOC381 Sociological Theory (3)
 SOC405 Critical Theory of Society (3)

Sociology Electives (9 hours)

Choose 9 hours required from the following:
 SOC202 Sociology of Sex and Gender (3)
 SOC303 Race and Ethnic Relations (3)
 SOC307 Marriage and the Family (3)
 SOC309 Urban Sociology (3)
 SOC311 Class, Status and Power (3)

Minor in Women's and Gender Studies

(18 hours)

Women's and Gender Studies Core (6 hours)

WGS129 Intro to Women's & Gender Studies (3)
 WGS329 Feminist Theory (3)

Women's and Gender Studies Electives (12 hours)

Choose 12 hours required from the following:

Sociology, Criminal Justice, and Women and Gender Studies

AHIS232	Representations of Gender in Art (3)
AHIS333	Gay and Lesbian Art History (3)
HIST213	Women and Gender in the Cold War (3)
HIST221	History of Japanese Women (3)
JRNL308	Women in Journalism (3)
MATH210	Women in Science and Mathematics (3)
PSYC306	Psychology of Gender (3)
RELG310	Women in World Religions (3)
RELG332	Women in the Bible (3)
SCJ351	Special Topics: Victimology (3)
SOC202	Sociology of Sex and Gender (3)
SOC307	Marriage and Family (3)
WGS451	Independent Study (1-3)

Other courses not listed here may also be applied to the minor if approved by the director of the program.

Teacher Education

Mission Statement

The Department of Teacher Education empowers competent, caring, creative, committed educators who will demonstrate the Adrian College Ribbons of Excellence by:

Caring for Humanity and the World

- *Differentiate instruction*
- *Hold high expectations for all*
- *Establish a safe and nurturing learning environment*
- *Examine and respect multiple perspectives and ways of thinking*
- *Demonstrate professional ethics*

Learning Throughout a Lifetime

- *Equip students with disciplinary tools, skills, and content*
- *Strengthen thinking, problem solving, and teamwork skills*
- *Identify and apply technological solutions*
- *Set and pursue goals for continued growth*

Thinking Critically

- *Support student growth*
- *Monitor and guide student progress through ongoing assessment*
- *Utilize curriculum standards, educational research, and professional resources*

Crossing Boundaries and Disciplines

- *Implement interdisciplinary approaches*
- *Work collaboratively*

Developing Creativity

- *Prepare and lead engaging instruction*
- *Implement creativity to develop a myriad of strategies to engage students in learning tasks*

Adrian College's teacher certification programs are approved by the Michigan Department of Education and accredited by the Council for the Accreditation of Educator Preparation (CAEP). Completing the program requirements lead to teacher certification from the State of Michigan, which is transferable to most other states, although some additional requirements may be necessary. Candidates are

responsible for understanding and completing all requirements as indicated by each state/province.

To be eligible for certification, candidates are responsible for meeting all Michigan requirements, whether or not they are explicitly stated in this catalog or the Guide to Teacher Certification. Although every effort is made to keep information current, requirements and options listed in this catalog may need to be changed in response to Michigan Department of Education actions. When such changes occur, efforts will be made to provide a smooth transition to the new requirements.

1. Elementary Certification

Completion of the elementary programs qualifies you to gain endorsements in both PK-3 and 3-6 allowing you to teach these grade levels (all subjects). You will be required to pass the MTTC in the 4 areas for both grade bands, PK-3 and 3-6.

The elementary program consists of four components:

Liberal Arts Foundation

CCC100	Introduction to College Writing (3)
CCC101	Introduction to Academic Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/	Math Skills (4)
MATH101	
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion /Philosophy (3)

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XXXX Social Science Requirement (3-4) *T ED
Candidates will take T ED204: Educational Psychology (3)

XXXX WAC – Writing Intensive (3) *T ED
Candidates will take T ED206: Child Development (3)

Content Specific Courses for PK-3 and 3-6

Endorsements:

Literacy Courses:	19 hours
Mathematics Courses:	14 hours
Science Courses:	10 hours
Social Studies Courses:	10 hours

Professional Courses for PK-3 and 3-6 Endorsements:

T ED407: Assessment & Evaluation (2)

T ED400: Associate Teaching (12)

T ED444: Seminar (2)

2. Secondary Certification

Those completing program requirements and passing the appropriate MTTC test are “highly qualified” to teach grades 6-12 (grades 7-12 in only Secondary Mathematics and English Language Arts beginning in Fall 2023) in their major subject area. A minor may be added to some of the secondary majors (not required). If a minor is added, candidates must pass the additional MTTC test in this area. Planning sheets are available for candidates.

Specific majors and minors for secondary candidates can be found below along with credit hours required for each of the majors and minors. Candidates must take all required coursework, complete the minimum required hours of clinical experiences, maintain positive professional dispositions, and complete Associate Teaching.

The secondary program certification consists of

Liberal Arts Foundation

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	Introduction to Academic Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion /Philosophy (3)
XXXX	Social Science Requirement (3-4) *T ED
	Candidates will take T ED204: Educational Psychology (3)
XXXX	WAC – Writing Intensive (3) *T ED
	Candidates will take T ED217: Adolescent Development (3)

Content Major Coursework:

- 7-12 Secondary Mathematics: 33 hours
- 7-12 Secondary English Language Arts: 36 hours
- 6-12 Secondary Comprehensive Social Studies: 42 hours
- 6-12 Secondary Comprehensive Integrated Science: 60-61 hours
- 6-12 Secondary History: 40 hours
- 6-12 Secondary Biology: 46 hours

Possible Minor Coursework (minor not required):

- 7-12 Secondary Mathematics: TBD
- 7-12 Secondary English Language Arts: 27 hours
- 6-12 Secondary History: 27 hours
- 6-12 Secondary Chemistry: 23 hours
- 6-12 Secondary Physics:
- 6-12 Secondary Biology: 36 hours

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- 6-12 Spanish: 25 hours

See Teacher Education Department Faculty for appropriate 4-year planning sheets

Professional Courses for 6-12 (or 7-12) Endorsements

T ED407: Assessment & Evaluation (2)

T ED400: Associate Teaching (12)

T ED444: Seminar (2)

3. K-12 Certification

Teacher education candidates can choose K-12 certification in Art, Music, Health/PE, or Modern Languages. Candidates must complete program requirements in the chosen area, pass the MTTC for this area to be certified to teach K-12. Candidates will also take the secondary professional education sequence of coursework listed later in this catalog. Planning sheets are available for candidates.

The K-12 Program certification consists of:

Liberal Arts Foundation

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	College Writing and Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100a	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH101	Intermediate Algebra (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
T ED204/204L	Educational Psychology/Clinical
Experience (3/1)	
XXXX	WAC – Writing Intensive (3)

K-12 Content Specific Major Coursework:

- K-12 Comprehensive Health/Physical Education

- K-12 Visual Arts
- K-12 Music Education
- K-12 Spanish

Professional Courses for 6-12 (or 7-12) Endorsements

T ED407: Assessment & Evaluation (2)

T ED400: Associate Teaching (12)

T ED444: Seminar (2)

TEACHER PREPARATION INCLUDES THREE LEVELS OF PROGRESSION:

T ED Progression through Level One

Level 1 involves introductory course work in the T ED and completion of college core requirements. Any undergraduate student can enter Level 1 of the Teacher Education Program where they undertake course work to fulfill general education, skill, and distribution requirements. During this period students schedule advising sessions with T ED faculty to ensure program requirements are being met. At Level 1, the introductory courses are T ED101: Explorations of Education (1) and T ED 240: Foundations of Education (3). These courses are open to all students, allowing candidates to explore and experience the profession before making a larger commitment.

The next courses in sequence are T ED204/204L and T ED205/205L both with co-requisite clinical experiences (1 credit – 30 contact hours each). Additionally, candidates will take T ED206: Child Development at the elementary level or T ED 217: Adolescent Development at the secondary and K-12 level. Lastly in this sequence is T ED 340/340L: Teaching/Learning Processes Elementary (3) or T ED 330/330L: Teaching/Learning Processes Secondary/K-12(3) and the co-requisite clinical experience, which is the first of the methods courses candidates will take for the PK-3/3-6 endorsements, secondary majors/minors and K-12 programs.

In addition, criminal background checks and self-reporting of misdemeanors/felonies are required. The Michigan Department of Education has the right to deny, suspend or

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withdraw teaching certificates in response to an individual's record of misdemeanors or felonies. To ensure that candidates are adequately counseled regarding possible results of such convictions, they are asked to sign a "Rule 101.1 Statement" a number of times throughout the program. Fraud or misrepresentation in this process may result in removal from the Teacher Education program. In addition, candidates participating in clinical placements may be required to complete background checks/volunteer forms as required by districts that are utilized for the clinical placements. It is the responsibility of the teacher candidate to complete this process. The Adrian College Student Code of Conduct (http://www.adrian.edu/student_life/office/student_code_conduct.php) also allows for further sanctions.

T ED Progression to Level Two

All TED courses in the Professional Education Sequences require progression into "Level 2" of the Teacher Education Program. Applications for Level 2 are typically submitted while enrolled in T ED 340, with acceptance into Level 2 permitted upon completion of all Level 1 classes. Candidates will be required to complete an interview with T ED faculty as part of their progression into Level Two. Candidates must receive a qualifying score on this interview and must meet all criteria for progression. Candidates who fail to meet the criteria will be denied progression further into Level Two. The application process is described in the Guide to Teacher Certification.

Criteria for Progression to Level Two and Continuance

- (1) Constant demonstration of professional dispositions necessary for success in teaching as outlined in Adrian College Teacher Education Professional Disposition Policy.
- (2) Completion of T ED204 and T ED205 and co-requisite clinical experiences; completion of TED 206/217 and current enrollment in T ED340/340L or T ED 330/330L.
- (3) Minimum 3.0 overall GPA, including a 3.0 GPA for candidates obtaining the Elementary Programs (PK-3/3-6).
- (4) No grade lower than a C+ is acceptable for any T ED courses or content course.
- (5) Failure to maintain a 3.0 GPA and/or failure to consistently demonstrate the required professional dispositions will necessitate reapplication to Level 2 providing evidence of completion.

(6) Successful completion of and positive evaluations from required clinical experiences.

(7) Positive recommendations from faculty.

(8) Evidence of strong writing and public speaking skills, grade of B- or better required in CCC101 and CCC102 (or have transfer credit equivalency).

(9) Participation in a T ED faculty interview and a qualifying score on the rubric.

The T ED periodically checks transcripts and field evaluations to ensure continued eligibility for Level 2 courses. Failure to maintain the criteria listed above may lead to removal from Level 2 or ineligibility for additional T ED courses until deficiencies are corrected. Candidates who are denied initial progression into Level Two or continued progression in Level Two may file an appeal as determined by the T ED.

T ED Progression to Level Three

Progression to the Professional Semester is also by application. Courses undertaken during the Professional Semester include T ED 400: Associate Teaching (11-12 cr), T ED 407: Assessment and Evaluation (2 cr) and T ED 444: Seminar (2 cr).

As with progression to Level 2, a formal review is completed for each candidate. In addition to the Level 2 criteria outlined above, candidates must provide evidence of completion of a minimum of 200 contact hours of clinical experience ensuring that the grade band span has been met for PK-3/3-6.

In addition to the above criteria eligibility for program completion and certification includes passing scores on required MTTC subject area tests in endorsement areas, successful completion of the Associate Teaching experience, and current First Aid/CPR certification.

Students who withdraw from the college and subsequently return may be required to meet any new or changed program requirements. The Michigan Department of Education stipulates a five-year window for submitting a program completer's recommendation for certification.

Application for the Professional Semester is due in February of the school year prior Associate Teaching.

Criteria for Progression to Level Three:

Teacher Education

- (1) Attendance at mandatory Associate Teaching Information Meeting in January and April.
- (2) Minimum 3.0 cumulative GPA
- (3) Minimum 3.0 GPA in all TED courses, with no grade lower than a C-
- (4) Demonstration of professional dispositions necessary for success in teaching as outlined in the Adrian College Teacher Education Professional Disposition Policy
- (5) Demonstration of appropriate writing skills, through submission of Biographical Information Form
- (6) Positive Clinical Experience evaluations
- (7) Appropriate progress towards completion of 200 hours of field experience. (Completed cumulative logs are due at the start of Final Exam week of the semester before Associate Teaching. Failure to complete this requirement may lead to removal from the Professional Semester.)

Associate Teaching Placements

Placements are arranged and assigned by the Coordinator(s) of Associate Teaching and the Placement Coordinator. Applicants are asked to identify special requests or needs during the application process. Criteria used in selecting placements are listed in the Guide to Teacher Certification.

Orientation Experience

All Associate Teachers whether fall or spring semester, must participate in any back-to-school events (professional development) planned by their assigned schools. This includes participating in the school's back to school preparation activities and attending the opening day of school.

Completion of Associate Teaching

Associate Teachers are periodically evaluated according to a list of competencies reflecting the Teacher Education Department's program outcomes. If competencies are not attained in the designated period of time, the experience may be extended, at the discretion of the Coordinator(s) of Associate Teaching. Candidates experiencing significant difficulties achieving expectations may be withdrawn from the placement, and the Coordinator(s) will determine whether an alternate placement will be offered. Withdrawn students will not be refunded tuition and fees beyond the

refund policies described elsewhere in this catalog. Students failing to complete Associate Teaching in the assigned semester will be required to reapply in order to be eligible for a new placement; readmission will be determined by the Coordinator(s) of Associate Teaching and the Teacher Education Department chair. Students repeating the Associate Teaching experience, for any reason, will be required to pay full tuition and fees.

Planning Additional Classes or Activities during the Professional Semester

Associate Teachers must enroll in T ED 444: Seminar (2) and T ED 407: Assessment and Evaluation (2). Plans to enroll in additional courses or participate in other college activities during the Professional Semester must be reported on the Associate Teaching Application and pre-approved by the Coordinator(s) of Associate Teaching.

Bachelor of Education Elementary Education (129-135 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	Introduction to Academic Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion /Philosophy (3)
XXXX	Social Science Requirement (3-4) *T ED
Candidates will take T ED204: Educational Psychology (3)	
XXXX	WAC – Writing Intensive (3) *T ED
Candidates will take T ED206: Child Development (3)	

Level 1 Core (24 hours):

T ED101	Explorations of Education (1)
T ED240	Foundations of Education (3)
T ED242	Multicultural Education in the 21 st Century (3)
T ED 204/204L	Educational Psychology/Clinical Experience (3/1)
T ED205/205L	Education of Exceptional Children/Clinical Experience (3/1)
T ED206W	Child Development (3)

Teacher Education

T ED109 Introduction to Educational Technology (2)

T ED340/340L Teaching and Learning Processes: Elementary/Clinical Experience (3/1)

Level 2 Core (50 hours):

T ED356 Early Language and Literacy Development (3)
T ED357 Writing Instruction K-6 (3)
T ED358 Teaching Reading in the 21st Century (3)
T ED359 Reading Instructional Practices and Assessment (3)

T ED360/360L Language Arts Methods for Elementary Teachers/Clinical Experience (3/1)

T ED347 Children's Literature (3)

T ED277 Mathematics for Elementary Teachers Grades PK-3 (3)

T ED278 Mathematics for Elementary Teachers Grades 3-6 (3)

T ED379/379L Elementary Mathematical Methods: Planning, Sequencing, Teaching and Assessing Grades PK-6 (3/1)

T ED291 Teaching Elementary Science I (3)

T ED292 Teaching Elementary Science II (3)

T ED208 History and Geography for the Elementary Teacher (3)

T ED209 Civics, Government, and Economics for the Elementary Teacher (3)

T ED392/392L Science and Social Studies Methods for Elementary Teachers (3/1)

T ED409 Online Learning and Technology Applications (2)

T ED410 Social Emotional Health &

Level Three Core (16 hours)

T ED400 Associate Teaching (12)

T ED407 Assessment and Evaluation (2) T ED444 Associate Teaching Seminar (2)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Secondary Professional Education Sequence

*Candidates may earn a Bachelor of Arts or Science (depending on the major chosen). Total credit amounts will vary depending on the major/minor completed.

Skills / Distribution Requirements (41-45 hours)

CCC100 Introduction to College Writing (3)

CCC101 Introduction to Academic Inquiry (3)

CCC102 Public Speaking (3)

XXXX ART (3)

ESAT 100 Fitness / Wellness (2)

XXXX Humanities (3-4)

MLCX101 Language Requirement I (4)

MLCX 102 Language Requirement II (4)

MATH100/ MATH101 Math Skills (4)

XXXX Natural Science (3-4)

XXXX Cross Cultural Studies (3)

RELG/PHIL Religion / Philosophy (3)

XXXX Social Science Requirement (3-4) *T ED

Candidates will take T ED204: Educational Psychology

XXXX WAC – Writing Intensive (3) *T ED

Candidates will take T ED217: Adolescent Development

Level One Core (25 hours)

T ED101 Explorations in Education (1)

T ED109 Introduction to Educational Technology (2)

T ED240 Foundations of Education (3)

T ED242 Multicultural Education in the 21st Century (3)

T ED204/204L Educational Psychology/Clinical Experience (3/1)

T ED205/205L Education of Exceptional Children/Clinical Experience (3/1)

T ED217/217L Adolescent Development/Clinical Experience (3/1)

T ED330/330L Teaching and Learning Processes: Secondary/Clinical Experience (3/1)

Level Two Core (12 hours)

(Must be admitted to Level 2 prior to enrolling)

T ED345/345L Secondary Methods and Materials/Clinical Experience (3/1) *All Secondary Majors will complete

T ED346 Literacy in Content Areas (3)

T ED409 Online Teaching and Technology Applications (2)

T ED410 Social Emotional Health & Learning (3)

Level Three Core (16 hours)

T ED400 Associate Teaching (12)

T ED407 Assessment and Evaluation (2) T ED444 Associate Teaching Seminar (2)

**Bachelor of Arts in Early Childhood
Development**
(124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	Introduction to Academic Inquiry (3)
CCC102	Public Speaking (3)XXXX
ART(3)	
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

Early Childhood Development Core (29 hours)

T ED204/204L	Educational Psychology/Clinical Experience (3/1)
T ED206	Child Development: Conception through Early Childhood (3)
T ED211	Classroom Experience: Early Childhood (1)
T ED308	Partnerships between Home, School & Community in ECE (2)
T ED309	Special Education/ Inclusion in Early Childhood Education (3)
T ED311	Clinical Experience: Early Childhood (1)
T ED320	Creative Programs for Young Children (3)
T ED364	Methods and Materials for Early Childhood Education (3)
T ED401	Child Care Administration (3)
T ED404	Assessment of Children in Early Childhood (3)
T ED414	Practicum in Early Childhood Education (3)

Early Childhood Development Cognates (18 hours)

ACCT203	Principles of Accounting I (3)
BUS101	Introduction to Business (3)
CIS140	Computer Applications for Business (3)
ESAT230	Motor Learning Development (3)
MGMT243	Organizational Behavior (3)
T ED347	Children’s Literature (3)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Bachelor of Arts in Educational Studies

Skills / Distribution Requirements (41-45 hours)

CCC100	Introduction to College Writing (3)
CCC101	Introduction to Academic Inquiry (3)
CCC102	Public Speaking (3)
XXXX	ART (3)
ESAT 100	Fitness / Wellness (2)
XXXX	Humanities (3-4)
MLCX101	Language Requirement I (4)
MLCX 102	Language Requirement II (4)
MATH100/ MATH101	Math Skills (4)
XXXX	Natural Science (3-4)
XXXX	Cross Cultural Studies (3)
RELG/PHIL	Religion / Philosophy (3)
XXXX	Social Science Requirement (3-4)
XXXX	WAC – Writing Intensive (3)

- T ED101: Explorations in Education
- T ED109: Instructional Technology Foundations
- T ED204/204L: Educational Psychology/Clinical Experience
- T ED205/205L: Education of Exceptional Children/Clinical Experience
- T ED206W: Child Development OR
- T ED217W/217L: Adolescent Development/Clinical Experience
- T ED240: Foundations of Education
- T ED242: Multicultural Education in the 21st Century
- T ED330/330L: Teaching Learning Processes (Secondary)/Clinical Experience OR
- T ED340/340L: Teaching Learning Processes (Elementary)/Clinical Experience
- T ED410: Social and Emotional Learning
- T ED399: Internship

Content-Related or Concentration Area Coursework (24 credits) Choose 1 area:

Elementary Education (24 credits)

Teacher Education

Health and Physical Education (24 credits)
Social Studies (24 credits)
Mathematics (24 credits)
English (24 credits)

Minor in Educational Studies

T ED101: Explorations in Education
T ED109: Instructional Technology Foundations
T ED204/204L: Educational Psychology/Clinical Experience
T ED205/205L: Education of Exceptional Children/Clinical Experience
T ED206W: Child Development OR
T ED217W/217L: Adolescent Development/Clinical Experience
T ED240: Foundations of Education
T ED242: Multicultural Education in the 21st Century
T ED330/330L: Teaching Learning Processes (Secondary)/Clinical Experience OR
T ED340/340L: Teaching Learning Processes (Elementary)/Clinical Experience
T ED410: Social and Emotional Learning
T ED399: Internship

Bachelor of Arts in Health and Physical Education (124 hours)

Skills / Distribution Requirements (41-45 hours)

CCC100 Introduction to College Writing (3)
CCC101 Introduction to Academic Inquiry (3)
CCC102 Public Speaking (3)
XXXX ART (3)
ESAT 100 Fitness / Wellness (2)
XXXX Humanities (3-4)
MLCX101 Language Requirement I (4)
MLCX 102 Language Requirement II (4)
MATH100/ MATH101 Math Skills (4)
XXXX Natural Science (3-4)
XXXX Cross Cultural Studies (3)
RELG/PHIL Religion / Philosophy (3)
XXXX Social Science Requirement (3-4)
XXXX WAC – Writing Intensive (3)

Health and Physical Education Core (9 hours)

T ED102 Foundations in Health and Physical Education (3)

T ED103 Lifetime Nutrition (3)
T ED412 Role of the Health and Physical Educator (3)

Health Core (18 hours)

T ED221 Physical Health and Wellness (3)
T ED351 Elementary Health Methods and Technology (3)
T ED352 Secondary Health Methods and Technology (3)
T ED352L Clinical Experience (1)
T ED381 Health Curriculum (3)
T ED398 Teaching Sexuality (3)
T ED410 Social and Emotional Health and Learning (3)

Physical Education Core (21 hours)

ESAT230 Motor Learning and Development (3)
ESAT246 Lifetime Fitness (3)
ESAT247 Organizational Sports (2)
ESAT248 Outdoor and Lifetime Activity (2)
ESAT333 Adapted Physical Education (2)
T ED353 Physical Education Curriculum and Assessment (3)
T ED354 Elementary Health & Physical Education Methods (3)
T ED354L Clinical Experience (1)
T ED355 Secondary Physical Education Methods and Technology (3)
T ED355L Clinical Experience (1)

Level 3 Core (16 hours)

T ED407 Assessment & Evaluation (2)
T ED400 Associate Teaching (12)
T ED444 Seminar (2)

General Electives

General elective credit hours will vary dependent upon the following degree requirements:

- Must complete a minimum of 124 credit hours
- Must complete a minimum of 30 credit hours of coursework at the 300- or 400-level

Teacher Certification Majors and Minors

Teacher Education

- Candidates who wish to be certified to teach grades 6-12 or 7-12 (Mathematics and English Language Arts only) must select a secondary major content area. Additionally, candidates may choose to add a minor area as well though it is not required. Candidates who choose to add a minor should work with their academic advisor to determine the number of semesters required to complete all coursework.
- Comprehensive majors including K-12 Health/Physical Education, Visual Arts, Music, Spanish, Secondary Social Studies and Secondary Integrated Science do not require an additional minor.
- With the approval of the Teacher Education Department Chair, courses taken in fulfillment of a teaching major or minor requirement may also be used to meet cognate requirements in other teaching majors or minors.

BIOLOGY

Required Methods for Secondary Certification

T ED345 Secondary Methods and Materials (3)
T ED345L: Clinical Experience (1)

MTTC Test Required for DA Endorsement:
#17 (Biology)

Secondary Education Major (46 hours)

Biology Major Core (27 hours)

BIOL131 General Biology I – Molecules and Cells (4)
BIOL132 General Biology II – Organismal Biology (4)
BIOL212 Vertebrate Zoology (4)
BIOL217 Principles of Ecology (3)
BIOL218 Ecology Laboratory (1)
BIOL221 Principles of Genetics (3)
BIOL223 Genetics Laboratory (1)
BIOL301 Junior Seminar (1)
BIOL326 Microbiology (4)
BIOL401 Capstone: Senior Seminar (2)

Biology Major Cognates (19 hours)

CHEM105 General Chemistry I (3)
CHEM106 General Chemistry II (3)
CHEM117 Introductory Chemistry Laboratory I (1)
CHEM118 Introductory Chemistry Laboratory II (1)

ESS110 Introduction to Environmental Science (3)
MATH115 Pre-Calculus (4)
T ED312 Human Anatomy and Physiology for Teachers (3)
T ED313 Human Anatomy and Physiology for Teachers Lab (1)

Secondary Education Minor (36 hours)

Biology Minor Core (21 hours)

BIOL131 General Biology I – Molecules and Cells (4)
BIOL132 General Biology II – Organismal Biology (4)
BIOL217 Principles of Ecology (3)
BIOL218 Ecology Laboratory (1)
BIOL221 Principles of Genetics (3)
BIOL223 Genetics Laboratory (1)
BIOL301 Junior Seminar (1)
BIOL326 Microbiology (4)

Biology Minor Cognates (15 hours)

CHEM105 General Chemistry (3)
CHEM106 General Chemistry II (3)
CHEM117 Introductory Chemistry Laboratory (1)
CHEM118 Introductory Chemistry Laboratory II (1)
ESS110 Introduction to Environmental Science (3)
MATH115 Pre-Calculus (4)

CHEMISTRY

Required Methods for Secondary Certification

T ED345 Secondary Methods and Materials (3)
T ED345L: Clinical Experience (1)

MTTC Test Required for DC Endorsement:
#018 (Chemistry)

Secondary Education Minor (23 hours)

Chemistry Minor Core (23 hours)

CHEM105 General Chemistry I (3)
CHEM106 General Chemistry II (3)
CHEM117 Introductory Chemistry Laboratory I (1)
CHEM118 Introductory Chemistry Laboratory II (1)
CHEM224 Organic Chemistry I (3)
CHEM225 Organic Chemistry II (3)
CHEM226 Organic Chemistry Lab I (1)
CHEM227 Organic Chemistry II Laboratory (1)
CHEM303 Analytical Chemistry (3)
CHEM305 Analytical Chemistry Laboratory (1)

Teacher Education

CHEM341 Biochemistry (3)

ENGL332 English Language (3)
ENGL358 Intermediate Studies in British Literature (3)
ENGL368 Intermediate Studies in American Literature (3)
ENGL402 Capstone (3)
T ED348 Adolescent Literature (3)

EARLY CHILDHOOD DEVELOPMENT MINOR

Note: This program does not lead to any Teacher Certification.

Early Childhood Development Core (22 hours)

T ED206 Child Development: Conception Through Early Childhood (3)
T ED211 Classroom Experience-Early Childhood (1)
T ED308 Partnerships Between Home, School & Community in Early Childhood Education (2)
T ED309 Special Needs/Inclusion in the Early Childhood Education (3)
T ED311 Clinical Experience-Early Childhood (1)
T ED320 Creative Programs for Young Children (3)
T ED364 Methods and Material for Early Childhood Education (3)
T ED401 Child Care Administration (3)
T ED404 Assessment of Children in Early Childhood (3)

Secondary Education Minor (30 hours)

English Minor Core (30 hours)

ENGL102 Human Textuality: Introduction to English Studies (3)
ENGL201 Intermediate Writing (3)
ENGL203 Creative Writing (3)
ENGL208 Intro to British Literature (3)
ENGL210 Introduction to American Literature (3)
ENGL231 Issues in Writing Studies (3)
ENGL310 Teaching Writing (3)
ENGL332 English Language (3)
T ED348 Adolescent Literature (3)

HISTORY

Required Methods for Secondary Certification

T ED345 Secondary Methods and Materials (3)
T ED345L: Clinical Experience (1)

**MTTC Test Required for CC Endorsement:
#09 (History)**

ENGLISH LANGUAGE ARTS (Grades 7-12)

Required Methods for Secondary Certification

T ED345 Secondary Methods and Materials (3)
T ED345L: Clinical Experience (1)

MTTC Test Required for BV Endorsement

#130 English Language Arts (Grades 7-12)
#136 Professional Knowledge and Skills (Grades 7-12)

Secondary Education Major (36 hours)

English Major Core (36 hours)

ENGL102 Human Textuality: Introduction to English Studies (3)
ENGL201 Persuasive Writing (3)
ENGL203 Creative Writing (3)
ENGL208 Introduction to British Literature (3)
ENGL210 Introduction to American Literature (3)
ENGL231 Issues in Writing Studies (3)
ENGL310 Teaching Writing (3)

Secondary Education Major (37 hours)

History Major Core (24 hours)

HIST105 U.S. History to 1876 (3)
HIST106 U.S. History since 1865 (3)
HIST123 Global History I (3)
HIST124 Global History II (3)
HIST295 Historical Theories and Methods (3)
HIST361 The "American Century" (3)
HIST408 Research Preparation (3)
HIST409 Senior Research Capstone (3)

History Major Electives (6 hours)

Choose 6 hours required from the following:

HIST305 History of the Soviet Union (3)
HIST314 History of the Modern Middle East (3)
HIST321 Perspectives on Nazi Germany (3)
HIST355 History and Memory of the Atomic Bombings (3)

History Major Cognates (9 hours)

Teacher Education

ESS104	Regional Geography (3)
PSCI101	American Federal Government (3)
ECON202	Principles of Macroeconomics (3)

Secondary Education Minor (27 hours)

History Minor Core (18 hours)

HIST105	U.S. History to 1876 (3)
HIST106	U.S. History since 1865 (3)
HIST123	Global History I (3)
HIST124	Global History II (3)
HIST295	Historical Theories and Methods (3)
HIST361	The “American Century” (3)

History Minor Cognates (9 hours)

ESS104	Regional Geography (3)
PSCI101	American Federal Government (3)
ECON202	Principles of Macroeconomics (3)

INTEGRATED SCIENCE

Required Methods for Secondary Certification

T ED345	Secondary Methods and Materials (3)
T ED345L	Clinical Experience (1)

Required Seminar for Secondary Certification

T ED390	Integrated Science Seminar (1)
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MTTC Test Required for DI Endorsement: #94 (Integrated Science, Secondary)

Note: The Integrated Science majors exist only within the Teacher Education Program. They do not meet the requirements for a degree when completed without the associated Teacher Education requirements. See the Guide to Teacher Certification for details.

Secondary Education Comprehensive Group Major (60-61 hours)

(With a comprehensive group major, secondary certification does not require an additional minor)

Biology Group Core (19 hours)

BIOL131	General Biology I – Molecules and Cells (4)
BIOL132	General Biology II – Organismal Biology (4)
BIOL217	Principles of Ecology (3)
BIOL221	Principles of Genetics (3)
BIOL301	Junior Seminar (1)
BIOL326	Microbiology (4)

Chemistry Group Core (12 hours)

CHEM105	General Chemistry I (3)
CHEM106	General Chemistry II (3)
CHEM117	Introductory Chemistry Laboratory (1)
CHEM118	Introductory Chemistry Laboratory II (1)
CHEM224	Organic Chemistry I (3)
CHEM226	Organic Chemistry Lab I (1)

Geology Group Core (14 hours)

GEOL101	Physical Geology (4)
GEOL102	Historical Geology (4)
ESS110	Introduction to Environmental Science (3)
ESS201	Weather and Climate (3)

Mathematics Group Core (3-4 hours)

MATH135	Calculus and Analytic Geometry I (4)
or MATH204	Elementary Statistics (3)

Physics Group Core (12 hours)

PHYS101	Introductory Physics I (3)
PHYS102	Introductory Physics II (3)
PHYS103	Introductory Physics Laboratory I (1)
PHYS104	Introductory Physics Laboratory II (1)
PHYS110	Descriptive Astronomy (4)

Secondary Education Group Major (39 hours)

Biology Group Core (9 hours)

BIOL131	General Biology I – Molecules and Cells (4)
BIOL132	General Biology II – Organismal Biology (4)
T ED390	Integrated Science Seminar (1)

Chemistry Group Core (8 hours)

CHEM105	General Chemistry I (3)
CHEM117	Introductory Chemistry Laboratory (1)
CHEM224	Organic Chemistry I (3)
CHEM226	Organic Chemistry Lab I (1)

Geology Group Core (7 hours)

GEOL101	Physical Geology (4)
ESS110	Introduction to Environmental Science (3)
ESS201	Weather and Climate (3)

Physics Group Core (12 hours)

Teacher Education

PHYS101	Introductory Physics I (3)
PHYS102	Introductory Physics II (3)
PHYS103	Introductory Physics Laboratory I (1)
PHYS104	Introductory Physics Laboratory II (1)
PHYS110	Descriptive Astronomy (4)

JAPANESE

Required Methods for Secondary Certification

T ED300	Clinical Experience (1)
T ED339	Teaching Modern Languages in K-12 Schools (2)

MTTC Test Required for FL Endorsement:

#100 (Japanese)

Required Methods for K-12 Certification

T ED300	Clinical Experience (1)
T ED339	Teaching Modern Languages in K-12 Schools (2)

MTTC Test Required for FL Endorsement:

#100 (Japanese)

Secondary Education Major (31 hours)

Japanese Major Core (8 hours)

MLCJ350	Advanced Japanese Language (3)
MLCJ490	Study Abroad Capstone Seminar (1)
MLCJ491	Senior Research (2)
MLCJ492	Senior Research Presentation (2)

Japanese Major Electives (17 hours)

The Japanese Electives will be completed during a semester at an approved site in Japan:

- 1 course in spoken Japanese above the MLCJ 202 level (5)
- 1 course in reading and writing Japanese (3)
- 9 additional hours of MLCJ above the MLCJ 202 level (9)

Japanese Major Cognates (6 hours)

Select any two of the following courses:

HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)
HIST355	History and Memory of the Atomic Bombings (3)
RELG302	Studies in Eastern Religion: Japan (3)

K-12 Education Major (31 hours)

Japanese Major Core (8 hours)

MLCJ350	Advanced Japanese Language (3)
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MLCJ490	Study Abroad Capstone Seminar (1)
MLCJ491	Senior Research (2)
MLCJ492	Senior Research Presentation (2)

Japanese Major Electives (17 hours)

The Japanese Electives will be completed during a semester at an approved site in Japan:

- 1 course in spoken Japanese above the MLCJ 202 level (5)
- 1 course in reading and writing Japanese (3)
- 9 additional hours of MLCJ above the MLCJ 202 level (9)

Japanese Major Cognates (6 hours)

Select any two of the following courses:

HIST132	Japanese History I (3)
HIST133	Japanese History II (3)
HIST221	History of Japanese Women (3)
HIST239	Cultural History of Japan (3)
HIST355	History and Memory of the Atomic Bombings (3)
RELG302	Studies in Eastern Religion: Japan (3)

Secondary Education Minor (21 hours)

Japanese Minor Core (4 hours)

MLCJ350	Advanced Japanese Language (3)
MLCJ490	Study Abroad Capstone Seminar (1)

Japanese Minor Electives (17 hours)

The Japanese Electives will be completed during a semester at an approved site in Japan:

- 1 course in spoken Japanese above the MLCJ 202 level (5)
- 1 course in reading and writing Japanese (3)
- 9 additional hours of MLCJ above the MLCJ 202 level (9)

MATHEMATICS (Certification for Grades 7-12)

Required Methods for Secondary Certification

T ED345	Secondary Methods and Materials (3)
T ED345L	Clinical Experience (1)

MTTC Test Required for EV Endorsement:

#131 Mathematics (Grades 7-12)

#136 Professional Knowledge and Skills (Grades 7-12)

Secondary Education Major (33 hours)

Mathematics Major Core (33 hours)

MATH135	Calculus and Analytical Geometry I (4)
MATH205	Calculus and Analytical Geometry II (4)
MATH215	Calculus and Analytical Geometry III (4)
MATH204	Elementary Statistics (3)

Teacher Education

MATH216	Discrete Mathematics (3)
MATH303	Linear Algebra and Matrices (3)
MATH304	Theory of Probability (3)
MATH313	Abstract Algebra (3)
MATH323	Geometry (3)
MATH405	Real Analysis (3)

Secondary Education Minor (23 hours)

Mathematics Minor Core (23 hours)

MATH135	Calculus and Analytical Geometry I (4)
MATH205	Calculus and Analytical Geometry II (4)
MATH216	Discrete Mathematics (3)
MATH303	Linear Algebra and Matrices (3)
MATH304	Theory of Probability (3)
MATH313	Abstract Algebra (3)
MATH323	Geometry (3)

MUSIC (Bachelor of Music Education)

Required methods courses are included in the major.

MTTC Test Required for JQ Endorsement:
#99 (Music)

K-12 Education Comprehensive Group Major (64 hours)

Music Education Core (42 hours)

MUS100	Foundations in Music Studies (2)
MUS101	Theory I (3)
MUS103	Aural Skills I (2)
MUS115	Keyboard I (1)
MUS120	String Methods (1)
MUS124	Percussion Methods (1)
MUS131	Foundations in Music Education (2)
MUS205	Theory II (3)
MUS206	Aural Skills II (2)
MUS207	Keyboard II (1)
MUS208	Theory III (2)
MUS209	Aural Skills III (2)
MUS210	Keyboard III (1)
MUS303	Conducting (2)
MUS305	Theory IV (2)
MUS306	Aural Skills IV (2)
MUS307	Keyboard IV (1)
MUS316	Music History Before 1750 (3)
MUS318	Music History from 1750 to 1880 (3)
MUS319	Music History After 1880 (3)
MUS401	Musical Form (2)
MUS410	Senior Recital (1)

Students must pass piano proficiency examination prior to Associate Teaching. (Music majors whose primary instrument is piano choose 4 hours of music electives in place of MUS115, 207, 210, and 307)

Music Education Cognates (24 hours)

Applied Music (7 hours)

7 semesters applied music in principal instrument

Music Ensembles (7 hours) 7 semesters large ensemble from the following: Adrian College Choir, Adrian Concert/Marching Band, Women's A Cappella, and the Orchestra

Students must choose a track below:

Instrumental Track
Vocal Track

Instrumental Track (6 hours)

MUS122	Brass Methods (1)
MUS126	Woodwind Methods (1)
MUS362	Instrumental Materials and Methods (2)
MUS402	Orchestration (2)

Vocal Track (6 hours)

MUS128	Singers Diction (English/French) (1)
MUS129	Singers Diction (Italian / German) (1)
MUS332	Vocal Pedagogy (1)
MUS333	Song Literature and Interpretation (1)
MUS363	Choral Methods and Materials (2)

PHYSICS

Required Methods for Secondary Certification

T ED345: Secondary Methods and Materials (3)
T ED345L: Clinical Experience (1)

MTTC Test Required for DE Endorsement:
#019 (Physics)

Secondary Education Minor (29 hours)

Physics Minor Core (29 hours)

PHYS110	Descriptive Astronomy (4)
PHYS201	General Physics: Mechanics (3)
PHYS203	General Physics: Mechanics Lab (1)
PHYS202	General Physics: Thermodynamics and Electromagnetism
PHYS204	General Physics: Thermodynamics and Electromagnetism Lab
PHYS370	Modern Physics (3)
PHYS390	Astrophysics (3)

Teacher Education

PHYS401	Classical Mechanics I (3)
PHYS403	Electromagnetic Theory (3)
PHYS406	Statistical and Thermal Physics (3)
PHYS420	Experimental Physics I (2)

MTTC Test Required for RX Endorsement:

#84 (Secondary Social Studies)

(Michigan RX Endorsement allows you to teach the following classes: Social Studies, Economics, Geography, History, Political Science, American Government, U.S. History, Civics, Western Hemisphere and/or Eastern Hemisphere)

PSYCHOLOGY

Required Methods for Secondary Certification

TED 300	Clinical Experience (1)
TED 343	Teaching Social Studies in the Middle and Secondary School (2)

MTTC Test Required for CE Endorsement:

#11 (Psychology)

Secondary Education Minor (20 hours)

Psychology Minor Core (17 hours)

PSYC100	General Psychology (3)
PSYC212	Research Methods for Non-Majors (4)
PSYC205	Developmental Psychology (3)
PSYC303	Abnormal Psychology (4)
PSYC311	Personality Theory/Research (3)

Psychology Minor Electives (3 hours)

Choose 3 hours required from the following:

PSYC205	Developmental Psychology (3)
PSYC206	Health Psychology (3)
PSYC211	Statistics for Psychology (4)
PSYC214	Social Psychology (3)
PSYC218	Stigma, Mental Health and Film (3)
PSYC299	Experimental Course (1-3)
PSYC300	Topics in Psychology (1-3)
PSYC304	Theories and Principles of Psychotherapy (3)
PSYC305	Child Psychopathology (3)
PSYC306	Psychology of Gender (3)
PSYC313	Cognitive Psychology (3)
PSYC321	Psychology and Law (3)
PSYC322	Learning Theory (3)
PSYC325	Ethics in Psychology (2)
PSYC329	History of Psychology (3)
PSYC341	Biopsychology (3)
PSYC348	Industrial/Organizational Psychology (3)
PSYC399	Professional Internship (1-3)

SOCIAL STUDIES

Required Methods for Secondary Certification

T ED345	Secondary Methods and Materials (3)
T ED345L	Clinical Experience (1)

Secondary Education Major (42 hours)

Social Studies Major Core (42 hours)

ESS104	Regional Geography (3)
ECON201	Principles of Microeconomics (3)
ECON202	Principles of Macroeconomics (3)
ECON223	Economics of Developing Countries (3)
HIST105	U.S. History to 1876 (3)
HIST106	U.S. History since 1865 (3)
HIST123	Global History I (3)
HIST124	Global History II (3)
HIST295	Historical Theories and Methods (3)
HIST361	The "American Century" (3)
PSCI101	American Federal Government (3)
PSCI102	State and Local Government (3)
PSCI136	International Relations (3)
PSCI160	Comparing Democracies (3)

SPANISH

Required Methods for K-12 or Secondary Certification

T ED300	Clinical Experience (1)
T ED339	Teaching Modern Language in K-12 Schools (2)

MTTC Test Required for FF Endorsement:

#28 (Spanish)

K-12 Education Major (31 hours)

Spanish Major Core (23 hours)

MLCS340	The Spanish-Speaking World (3)
MLCS340L	The Spanish-Speaking World Lab (1)
MLCS350	Advanced Spanish Language (3)
MLCS350L	Advanced Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)
MLCS310	Spanish Peninsular Lit/ Culture (3)
MLCS310L	Spanish Peninsular Lit/ Culture Lab (1)
MLCS320	Spanish-American Lit/ Cultures (3)
MLCS320L	Spanish-American Lit/ Cultures Lab (1)

Teacher Education

Completed after Semester Abroad:

MLCS490	Study Abroad Capstone Seminar (1)
MLCS491	Senior Research (2)
MLCS492	Senior Research Presentation (2)

Spanish Major Electives (8 hours)

Additional 8 MLCS elective hours at the 300-400 level *

*Elective hours may be completed through study abroad.

Secondary Education Major (31 hours)

Spanish Major Core (23 hours)

MLCS340	The Spanish-Speaking World (3)
MLCS340L	The Spanish-Speaking World Lab (1)
MLCS350	Advanced Spanish Language (3)
MLCS350L	Advanced Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)
MLCS310	Spanish Peninsular Lit/ Culture (3)
MLCS310L	Spanish Peninsular Lit/ Culture Lab (1)
MLCS320	Spanish-American Lit/ Cultures (3)
MLCS320L	Spanish-American Lit/ Cultures Lab (1)

Completed after Semester Abroad:

MLCS490	Study Abroad Capstone Seminar (1)
MLCS491	Senior Research (2)
MLCS492	Senior Research Presentation (2)

Spanish Major Electives (8 hours)

Additional 8 MLCS elective hours at the 300-400 level *

*Elective hours may be completed through study abroad.

Secondary Education Minor (25 hours)

Spanish Minor Core (19 hours)

MLCS340	The Spanish-Speaking World (3)
MLCS340L	The Spanish-Speaking World Lab (1)
MLCS350	Advanced Spanish Language (3)
MLCS350L	Advanced Spanish Language Lab (1)
MLCS360	Advanced Spanish Conversation (2)
MLCS310	Spanish Peninsular Lit/ Culture (3)
MLCS310L	Spanish Peninsular Lit/ Culture Lab (1)
MLCS320	Spanish-American Lit/ Cultures (3)
MLCS320L	Spanish-American Lit/ Cultures Lab (1)

Completed after Semester Abroad:

MLCS490	Study Abroad Capstone Seminar (1)
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Spanish Minor Electives (6 hours)

Additional 6 MLCS elective hours at the 300-400 level*

*Elective hours may be completed through study abroad.

VISUAL ARTS (Bachelor of Fine Arts)

Required methods courses are included in the major

MTTC Test Required for LQ Endorsement:

#95 (Art Education)

K-12 Education Comprehensive Group Major (62credits)

Visual Arts Major Core (62 hours)

ART100	Three-Dimensional Design (3)
ART101	Two-Dimensional Design (3)
ART102	Digital Foundations (3)
ART103	Drawing from Life (3)
ART290	Art and Design Career Seminar (1)
ART250	Drawing and Illustration (3)
or ART303	Figure Studies (3)
ART360	Methods for Elementary Art Teachers (3)
ART390	Senior Art and Design Studio I (3)
ART391	Senior Art and Design Studio II (3)
ART402	Senior Exhibition II (2)
ART460	Methods for Secondary Art educators (3)

T ED300 Clinical Experience (1)

T ED300 Clinical Experience (1)

Visual Arts Major Electives

(18 hours)

Choose three sequences from list below:

*note: one sequence must be ceramics or sculpture

ART201	Painting Foundations (3)
ART301	Advanced Printmaking (3)
or	
ART202	Painting Traditions (3)
ART203	Non-acid Intaglio Printmaking (3)
or	
ART205	Ceramics- Hand Building (3)
ART305	Advanced Ceramics- Vessel (3)
or	
ART209	Weaving and Fiber Construction (3)
ART210	Textile Design (3)
or	
ART215	Beginning Photography (3)
ART315	Intermediate Photography (3)
or	
ART220	Sculpture (3)
ART320	Sculpture II (3)
or	

Teacher Education

ART228 Introduction to Graphic Design (3)
ART328 Graphic Design II (3)

Visual Arts Major Cognates (9 hours)

AHIS201 Western Art History I (3)
or AHIS202 Western Art History II (3)
AHIS336 History of Modern Art (3)
or AHIS 337 Contemporary Art History (3)

Choose 3 hours of AHIS courses required from the following:

AHIS200 Global Art History (3)
AHIS299 Experimental Course (1-3)
AHIS232 Representations of Gender in Art (3)
AHIS301 Topics in Art History (3)
AHIS303 Fortification to Reformation: The History of York, England to the 15th Century (6)

AHIS333 Gay and Lesbian Art History (3)
AHIS334 Photography and Identity (3)
AHIS335 Architectural Studies (3)
AHIS337 Contemporary Art History (3)
AHIS339 Art History: Reacting to the Past (3)
AHIS340 Native American Art History (3)
AHIS399 Professional Internship (1-12)
AHIS401 Professional Studies in Art History (3)
AHIS499 Advanced Experimental Course (1-3)

Minor of Arts in Physical Education

Minor in Physical Education (19-20 Hours)

BIOL101 Biology and Society (4)
ESAT225 Human Anatomy (3)
ESAT230 Motor Learning and Development (3)
ESAT246 Lifetime Fitness (3)
ESAT333 Adapted Physical Education (2)
Choose 4-5 credits required from the following:
ESAT247 Organizational Sports (2)
ESAT248 Outdoor Education and Lifetime Activities (2)
ESAT339 Principles of Strength and Conditioning (3)
ESAT399 Professional Internship (1-12)

CERTIFICATE REQUIREMENT: Students must have current certification in CPR/AED for adult and child and First Aid upon graduation.

Future Educator Explorations Certificate (9 hours)

T ED 204: Educational Psychology (3) (*No Clinical Experience is required for the Future Educator Exploration Certificate)
T ED 240: Foundations of Education (3)
T ED 242: Multicultural Education in the 21st Century (3)

Course Descriptions

The semesters listed after course descriptions indicate when courses are expected to be offered. Schedules are subject to change; students should confirm semester offerings with the department when planning degree programs.

Courses in Accounting (ACCT)

ACCT199. Exploratory Internship (1-3).

ACCT203. Principles of Accounting I (3).

An introduction to financial accounting. Coverage includes understanding the business, processing transactions through the accounting cycle, preparing financial statements, and measuring and evaluating financial performance. Fall, Spring.

ACCT204. Principles of Accounting II (3).

A continuation of the study of accounting principles. This course emphasizes the usage of managerial accounting concepts. Coverage includes job-order costing, activity-based costing, process costing, cost-volume-profit relationships, differential analysis, master budgeting, flexible budgets and variance analysis. (Prerequisite: ACCT203). Fall, Spring.

ACCT225. Accounting Information Technology (3).

This course introduces accounting software and related applications. Students learn to set up and operate various software. They will complete the accounting cycle and use the technology to prepare financial and managerial reports. Current software includes Quickbooks and Excel. (Prerequisite: ACCT203)

ACCT299. Experimental Course (1-3).

ACCT301. Intermediate Accounting I (3).

A detailed study of financial accounting and statement presentation, including the application of accounting theory and use of authoritative resources. Topics include the accounting system, revenue recognition, and short term, long term and intangible assets. There will be a research component and an emphasis on professional responsibilities and ethical standards. (Prerequisite: ACCT204). Fall.

ACCT302. Intermediate Accounting II (3).

A detailed study of financial accounting and statement presentation, including the application of accounting theory and use of authoritative resources. Topics include financial instruments, liabilities, shareholders equity and earnings per

share. There will be a research component and an emphasis on professional responsibilities and ethical standards. (Prerequisite: ACCT301). Spring.

ACCT311. Managerial Cost Accounting (3).

A detailed study of managerial accounting building on the foundational concepts learned in ACCT 204. Includes cost concepts and behavior, job costing, process costing, activity-based costing, cost analysis and estimation, budgeting, and performance measurement. Coverage emphasizes using Excel-based decisions in managerial accounting. (Prerequisite: ACCT204). Fall.

ACCT313. Federal Income Tax Accounting-Individuals and Sole Proprietors (3).

Study of tax theory and application of federal tax laws for individuals and sole proprietors. Topics include gross income and expenses, itemized deductions, tax credits, depreciation, and capital gains and losses. This course will require tax return preparation and a research component. (Prerequisite: ACCT204). Fall.

ACCT350. Topics in Accountancy (3).

In-depth theoretical and practical coverage of accounting concepts in a specialized area, with emphasis on use of the conceptual knowledge in planning and problem solving. Topics may include but are not limited to: advanced cost accounting, current issues involving ethics, health care accounting and corporate controllership. May be repeated with a different topic. (Prerequisite: permission of instructor). Offered as needed.

ACCT399. Professional Internship (1-12).

ACCT412. Auditing (3).

A detailed study of the audit environment and the financial statement audit, including professional standards, engagement planning, risk assessment and internal control evaluation, audit procedures, completion of the audit, and reporting. Coverage also includes professional ethics and an overview of sampling techniques. (Prerequisite: ACCT302). Spring.

ACCT414. Accounting Systems & Controls (3).

The study of essential elements and activities in an accounting information system, including how information flows through the various accounting cycles. The course will emphasize the appropriate internal controls and risk assessment to ensure quality of financial information and prevention of fraud and theft. (Prerequisite: ACCT204). Fall.

ACCT416. Advanced and Nonprofit Accounting (3).

The study, analysis and recording of high-level, complex accounting transactions and business events, and related financial reporting for consolidated corporate groups, other business-entity combinations, partnerships, foreign business activities, governmental, non-profits, estates and trusts in accordance with FASB, GASB, and IFRS. SEC regulations and reporting requirements are also surveyed. (Prerequisite: ACCT302). Fall.

ACCT451. Independent Study (1-3).

(Prerequisite: permission of Business department).

ACCT499. Advanced Experimental Course (1-3).

Courses in Art History (AHIS)

AHIS199. Exploratory Internship (1-3).

**AHIS200. Global Art History (3)
(HUMANITIES, NON-WESTERN).**

Course that surveys art and architecture of Africa, Asia, Southeast Asia, pre-Columbian Americas, and the Middle East. Fall.

AHIS201. Western Art History I: Prehistory through Medieval (3) (HUMANITIES).

First of two courses surveying 40,000 years of Western art history, including Prehistoric, ancient Greece and Rome, ancient Jewish and Christian, Byzantine, and Medieval art. (Prerequisite: CCC101). Every other Spring.

AHIS202. Western Art History II: Renaissance through Contemporary (3) (HUMANITIES).

Second of two courses surveying 40,000 years of Western art history, including Renaissance, Baroque, Rococo, Neoclassicism, Romanticism, 19th and 20th Century Modern, and Contemporary art. (Prerequisite: CCC101). Every other Spring.

**AHIS232. Representations of Gender in Art (3)
(HUMANITIES).**

An introduction to gender theories in art. Examines connections between art, visual culture, gender, and sexual identities. Every other Fall.

AHIS299. Experimental Course (1-3).

AHIS301. Topics in Art History (3).

In-depth study of topics in various fields and periods of art history. Topics may include contemporary theory, visual culture studies, Native American Art, and Arts of the United States. Course can be repeated with different topics. Offered as needed.

AHIS303. Fortification to Reformation: The History of York, England to the 15th Century (6).

A five-week interdisciplinary course centered on York Minster. Readings/lectures cover Roman York, York and Northumbria, Anglo-Saxon York, Viking/Anglo Scandinavian York, Norman York, Late Medieval York, Reformation York, and beyond. Includes response papers, a 10-page research project, a service learning experience with a reflection journal, and excursions to significant sites. May not be repeated for credit. (Prerequisite: Study Abroad Application Process). May, Summer.

**AHIS333. Gay and Lesbian Art History (3)
(HUMANITIES).**

Course examines important artists, traditions, and events in Gay and Lesbian Art History in the United States and Europe. Key concepts and theories include censorship, subjectivity, art activism, queer theory, and the visual rhetoric strategies used by gay and lesbian artists. Every other Spring.

**AHIS334. Photography and Identity (3)
(HUMANITIES).**

This course explores the rhetorical functions of photography in the construction of social identities in the works of photography and popular visual media. Feminist, queer, race, semiotic, and rhetoric theories will serve as critical frames for examining the development and changes within these media. Every other Spring.

AHIS335. Architectural Studies (3) (HUMANITIES).

This course examines aesthetic theories and canon of Western architecture through a close reading of primary source literature, analysis of contemporary scholarship, and engagement in a service learning project. Every other Fall.

AHIS336. History of Modern Art (3) (HUMANITIES).

Course explores art in Europe and the United States from the early 19th to the first quarter of the 20th century, including major ideas such as avant-garde, autonomy, commodity, and "Modernism". (Prerequisite: one prior AHIS course). Fall.

**AHIS337. Contemporary Art History (3)
(HUMANITIES).**

Movements and artists significant in the 20th and 21st centuries in the visual arts are studied. Careful attention given to key philosophical, theoretical, social and

Course Descriptions

historical influences, especially to ideas such as “Postmodernism,” identity, and the body. (Prerequisite: one prior AHIS course). Spring.

AHIS339. Art History: Reacting to the Past (3) (HUMANITIES).

Students will play one art history Reacting to the Past game and write research papers on topics informed by the game experience. Every other Fall.

AHIS340. Native American Art History (3) (HUMANITIES, NON-WESTERN).

This course examines Native American visual art and cultural objects from prehistory through the 21st century, critical issues concerning Native American visual arts, and representations of Native Americans in United States visual culture. (Prerequisite: One prior AHIS course or permission of instructor).

AHIS399. Professional Internship (1-12).

AHIS401. Professional Studies in Art History (3).

Advanced studies in art history including research, museum work, curriculum development and/or conference presentation. Students devise and execute a professional project such as a research paper, lesson plan, museum display or service learning. (Prerequisites: two prior AHIS courses). Offered as needed.

AHIS451. Independent Study (1-3).

Intended for Art History minors with a special need to study content beyond that offered in the normal course sequence. (Prerequisite: permission of department).

AHIS499. Advanced Experimental Course (1-3).

Courses in Art (ART)

ART100. Three-Dimensional Design (3) (ARTS).

Studio. The principles of organization in a variety of three-dimensional media, with emphasis on problem solving and the fundamentals of design. Fall, Spring.

ART101. Two-Dimensional Design (3) (ARTS).

Studio, Design elements, principles, processes and media in two dimensions, in a variety of visual concepts in both black and white and color. Fall, Spring.

ART102. Digital Foundations (3) (ARTS).

Studio. An introduction to the computer and industry

standard software including Adobe Creative Suite. Students create a variety of digital images while applying creative solutions to design problems. Students will explore challenges and advantages of making art with a computer. Emphasis placed on developing creative thought processes and personal expression. Fall, Spring.

ART103. Drawing from Life (3) (ARTS).

Emphasizes developing drawing, design and technical skills in a variety of black and white media by working from real objects and models in the studio. Fall, Spring.

ART105. Art for Elementary Teachers (3).

The development of familiarity with various materials and techniques for use in the elementary classroom, working in paper-maché, mosaic, crayon, chalk, paint, basic printing processes and clay. (Open only to students pursuing the planned minor in elementary education or the early childhood minor). Fall.

ART106. Introduction to Ceramics (3) (ARTS).

Basic ceramic methods for the non-art major, including construction techniques and wheel throwing. Consideration will be given to three-dimensional design elements and ideas. Fall, Spring.

ART199. Exploratory Internship (1-3).

ART201. Painting Foundations (3) (ARTS).

Studio. Practice painting as a creative process employing drawing, design, color, and image. Emphasizes foundations, acrylic technique, structured experimentation, and organizing two-dimensional surface for successful composition and expression. Introduces historical and contemporary painting and its conceptual foundations as these relate to students' work. (Prerequisite: ART101 or ART103 or permission of instructor). Fall.

ART202. Painting Traditions (3) (ARTS).

Studio. Gain experience with oil paint; compare strengths of oils and acrylics to choose best for each student. Practice alla prima painting and painting from life in addition to abstraction and contemporary approaches. Research historical and contemporary painting as these relate to students' work. (Prerequisite: ART101 or ART103 or permission of instructor). Spring.

ART203. Non-Acid Intaglio Printmaking (3) (ARTS).

Studio. Non-acid intaglio techniques on Plexiglas and metal etching plates, manipulation of point and crible' textures and vocabulary of nontraditional techniques. Creation of images using collage-based collagraph plates. (Prerequisite: ART101, ART102 or ART103, or permission of instructor).

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ART204. Relief Printmaking (3) (ARTS).

Studio. Work in basic woodcut and linoleum printing techniques. (Prerequisite: ART101, ART102 or ART103, or permission of instructor).

ART205. Ceramics- Hand Building (3) (ARTS).

Studio. Introduction to ceramics hand building techniques. Skills explored will include basic hand constructed sculptures and vessels, experimentation with decorating and various firing techniques. (Prerequisite: ART100 or permission of instructor). Fall.

ART206. Ceramics-Wheel Throwing (3) (ARTS).

Studio. Introduction to the potter's wheel as a creative tool. Skills explored will include basic wheel thrown forms, experimentation with decorating and various firing techniques. (Prerequisite: ART100 or permission of instructor). Spring.

ART209. Weaving & Fiber Construction (3) (ARTS).

Studio. The basic techniques of four-harness loom weaving and various methods of designing and constructing forms with fibers, including tapestry. Alternates with ART210. Open to freshmen. Fall.

ART210. Textile Design (3) (ARTS).

Studio. The decoration of fabric surfaces by means of dye and pigment, with special emphasis on design in the shibori, batik and screen-printing methods. Alternates with ART209. Open to freshmen. Fall.

ART215. Beginning Photography (3) (ARTS).

Studio. Learn camera operation, digital image editing and skills to improve as a photographer. While refining technical skills, there is also an emphasis on developing aesthetic sensitivity and appreciation of the medium as a potent vehicle for communication. Fall, Spring.

ART219. Typography (3) (ARTS).

Studio. An introduction to lettering skills and the history and foundation of letterforms. Students explore the fundamentals of typography through typographic history, tools, terminology and techniques. Students learn to recognize and analyze basic letterforms while exploring the uses of contemporary typesetting tools. (Prerequisite: ART102 or permission of instructor). Fall.

ART220. Sculpture I (3) (ARTS).

Studio. A continuation of the media presented in ART100 with a focus on sculpture. New techniques and media presented may include, woodcarving, earthwork, glass

casting, welding, life casting, assemblage, or paper sculpture. The class will culminate in a significant independent project. (Prerequisite: ART100 or permission of instructor).

ART228. Introduction to Graphic Design (3) (ARTS).

Studio. An introduction to the fundamentals and history of graphic design. Students generate concepts and effective communication within the context of graphic design using industry standard software. Topics include page layout, creation of logos, use of text and graphics, printing and postproduction, basic digital processes. (Prerequisite: ART102 or permission of instructor). Spring.

ART250. Drawing & Illustration (3) (ARTS).

Studio. Continued exploration of perceptual and expressive drawing, utilizing a variety of technical means and media, including color drawing and illustration projects. (Prerequisite: ART103 or permission of instructor).

ART290. Sophomore Art & Design Career Seminar (1).

This class will involve field trips or speakers, research and self-evaluation. With a variety of artists, discuss the issues of being an art and design professional. Documentation of artwork, portfolio/resume preparation, gallery and exhibition experiences appropriate to the students' possible career directions will be identified and initiated. (Prerequisite: permission of instructor). Fall.

ART299. Experimental Course (1-3).

ART301. Advanced Painting (3).

Studio. Continuing study of oil and/or acrylic painting, with increasing focus on the development of the student's unique personal aesthetic. Attention paid to conceptual foundations of a student's work. Customized research assignments. (Prerequisite: ART201, ART202 or ART250, or permission of instructor).

ART303. Figure Studies (3).

Studio. Students draw and model in clay from figure and costume models. Course includes color drawing and a self-directed unit in student's focus medium (drawing, painting, sculpture, more). (Prerequisite: ART103 or ART250; prior completion of ART205 is preferred).

ART305. Advanced Ceramics - Vessels (3).

Studio. An advanced studio course including techniques for creating ceramics vessels. Scale, multiples, basic clay and glaze formulation, and more in depth understanding of technique, practice critique, and the field at large will be

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gained. (Prerequisite: ART205 or ART 206 or permission of instructor).

ART306. Advanced Ceramics – Sculpture (3).

Studio. An advanced course outlining techniques for creating more involved and intricate sculpturally based ceramic works. Scale, multiples, basic clay and glaze formulation, and more in depth understanding of technique, practice critique, and the field at large will be gained. (Prerequisite: ART205 or ART206, or permission of instructor).

ART309 Advanced Ceramics-Wheel Throwing (3)

Studio. This course offers continued development of wheel throwing skills and exploration of advanced pottery tools, and techniques. Students will learn and demonstrate the production steps of various functional ceramic vessels and will learn to market and sell their works. (Prerequisite ART206 or permission of instructor). (Prerequisite: ART206) Spring

ART315. Intermediate Photography (3).

Studio. This course begins by exploring the craftsmanship of black and white, film based darkroom photography. Students will use multiple camera formats, including further digital camera work, to experience a variety of creative tools. In addition, this course continues to study the aesthetics of the photographic image. (Prerequisite: ART215 or permission of instructor).

ART319. Front End Web Design (3).

Students will learn web design process, audience analysis, user interface design, and responsive design utilizing Raster and Vector imaging software and Muse to create websites. Emphasis on Typography and Grid use of Web. (Prerequisite: ART102).

ART320. Sculpture II (3).

Studio. Students develop a personal direction selected from experience with previous media and techniques and based on personal imagery and theoretical research. A series of works demonstrating a unique personal vision will be student produced. (Prerequisite: ART220). Fall.

ART325. Foundations of Art Therapy (2).

Introduces foundational theories and traditional approaches of art therapy practice, emphasizing the psychodynamic roots of the field. Overview of history of the profession and examines contributions of key pioneers. Clinical applications are explored through case studies and studio experience. (Prerequisite: PSYC100; prior completion of PSYC205 is recommended).

ART326. Approaches in Art Therapy (2).

Explores alternative theories and techniques in the field of art therapy. Topics also include group and family art therapy practice. Applications are explored through case studies and studio experience. (Prerequisite: PSYC100; prior completion of ART325 and PSYC205 recommended).

ART327. Community Art Therapy Practicum (1-2).

Students experience & direct art activities for client organization, supervised by art therapist. Therapist assigns readings, research, activity preparation; prepares students for work with clients; teaches leading sessions/interacting effectively; assists students in putting their observations/experiences into art therapeutic context. Can repeat. (Prerequisite or co-requisite: ART325, ART326 or permission of instructor).

ART328. Graphic Design II (3).

This course is a of Graphic Design focusing on page layout/production processes. Designing creatively through solving real-world design problems. Focus on audience analysis, problem solving and conceptual thinking. (Prerequisites: ART219 and ART228).

ART329. Video Art (3).

Studio. In this course students will learn the tools of digital video production as a medium for creative expression. Students will learn pre-production planning, video techniques, lighting, sound, and postproduction editing with Final Cut Pro. There is also an emphasis on creative collaboration and the challenges of working in groups. (Prerequisite: ART215 or permission of instructor).

ART338. Graphic Design – Digital Media (3).

Studio. This course is a continuation and further exploration of Graphic Design focusing in interactive and motion design. Students will expand their skills in design through creatively solving real-world design problems. Attention and focus is given to problem solving and conceptual thinking. (Prerequisites: ART219 and ART228 or permission of instructor).

ART339. User Experience I: Understanding User Experience (3).

User Experience (UX) refers to all elements of a customer's interaction with a particular product, and this course will focus on UX design for technology products. Silicon Valley companies spend billions of dollars ensuring that technology products are intuitive to use. Students will learn what drives product usability, the fundamentals of UX design, and how

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to build wireframes and prototypes. (Prerequisite: ART228).

ART340. User Experience II: Building Compelling User Experiences (3).

This course builds upon User Experience I and teaches students how to build effective user experiences through a rigorous process of implementing best practices, testing designs and iterating. This course will also cover topics such as branding, color palette, user journeys, and designing for multiple platforms. (Prerequisites: ART228 and ART339).

ART341. User Experience III: Capstone- Goal Oriented Web Design (3).

There is no substitute for experience. In this course, students will propose and build a new website for an existing company. This website should be optimized to boost conversion events for the company in question. Students will need to research customer behavior and industry trends to successfully complete this course. This course will test all of the skills a student has built through their Web Design major- design, prototyping, optimization and programming. (Prerequisites: ART228, ART328, ART339, ART340, CS103 and CS110).

ART355. Advanced Photography & Digital Video (3).

Studio. Students learn advanced techniques in digital photography and digital video as a means for personal expression. Emphasis on producing art using creative narrative techniques. Critical thinking, storytelling, artistic voice, and the interplay between artist and viewer will be explored. (Prerequisite: ART215 or permission of instructor).

ART360. Methods for Elementary Art Teachers (3).

Teaching art at the elementary and middle school levels, including advocacy, art education theory and interdisciplinary education models. Teaching and organizational challenges of art education and the problems of creating an age sensitive curriculum. (Prerequisite: acceptance in teacher education program, junior standing; Co-requisite: ART361). Spring.

ART361. Elementary Art Practicum (1).

Field experience teaching art to elementary students. (Co-requisite: ART360. With respect to teacher certification requirements, this can substitute for one hour of T ED 300). Spring

ART390. Senior Art & Design Studio I (3).

This multidisciplinary studio course is designed for advanced study in the student's medium or media of focus.

Advanced art theory and practices will be explored as students work towards an independently designed body of work for their senior exhibition. Fall. (Prerequisite: permission of instructor; Co-requisite ART401).

ART391. Senior Art & Design Studio II (3).

This multidisciplinary studio course is designed for advanced study in the student's medium or media of focus. Advanced art theory and practices will be applied as student create an independently designed body of work for their senior exhibition. (Prerequisite: permission of instructor; Co-requisite ART402). Spring.

ART399. Professional Internship (1-12).

ART401. Senior Career Preparation (2).

Majors graduating in the Spring, or December of the next year, write press releases and design publicity materials. They write resumes, artist statements, artist talks, letters of application, and pursue other professional practices. (Prerequisite: permission of instructor; Co-requisite: ART390). Fall.

ART402. Senior Exhibition (2).

Majors graduating in the Spring, or December of the next year, prepare exhibitions, install them in the Gallery, write press releases, design announcements. They write resumes, artist statements, artist talks, letters of application, and other professional practices. (Prerequisite: permission of instructor; Co-requisite: ART391). Spring.

ART451. Independent Study (1-3).

Intended for Art and Design majors with a special need to study content beyond that offered in the normal course sequence. (Prerequisite: permission of department).

ART460. Methods for Secondary Art Educators (3).

Art education theory, resources and classroom management related to secondary teaching. Development of lesson plans into whole units of study culminating in the creation of an entire curriculum and a written personal philosophy about the teaching of art. Additional field experience required. (Prerequisite: ART360; Co-requisite: ART461). Fall.

ART461. Secondary Art Practicum (1).

Field experience teaching art to secondary students. (Co-requisite: ART460. With respect to teacher certification requirements, this can substitute for one hour of T ED 300). Fall.

ART475. Capstone: Graphic Design Portfolio Prep (3).

Course Descriptions

The capstone course in Graphic Design degree. Covering concepts such as portfolio preparation, online portfolio development, personal branding, corporate identity, resume building, and job search skills in the field of graphic design. (Prerequisite: ART328).

ART489. Senior Research in Art Education (2).

Classroom discussions about the practices of teaching art. Research and reflective writings will prepare the pre-associate teacher by focusing on teaching diverse learners in diverse contexts, issues of curriculum and pedagogy, and school culture and art teaching.

(Co-requisite: ART360, ART460, or TED400). Spring.

ART499. Advanced Experimental Course (1-3).

Courses in Art Management (ARTM)

ARTM101. Foundations in the Arts, Cultural, and Creative Industries (3) (ART)

Focusing on the needs of the arts, cultural and creative industries, basic principles related to organizations in the arts industry are covered with foundations in management and leadership, planning, organizational mission, vision and values statements, program planning and evaluation, financial management and budgets, and marketing and audience development.

ARTM199. Exploratory Internship (1-3).

ARTM200. Non-Profits and the Arts, Cultural, and Creative Industries (3)

Focusing on the needs of non-profits, principles in organizational structures, governance and the board of directors, personnel and volunteer management, fundraising, community engagement and education, and legislative advocacy with application in the arts, cultural, and creative industries are covered. (Prerequisite: ARTM101)

ARTM299. Experimental Course (1-3).

ARTM350. Grant writing (3)

A hands-on approach to grant writing from locating potential fund sources to grant submission. Students will focus on the mechanics of proposal development and writing with attention to the political and social aspects. Special attention to the needs of non-profit organizations. (Prerequisite: ARTM200)

ARTM399. Professional Internship (1-12).

Provides an experiential learning opportunity with an operational arts organization. Involves direct experience in management of an arts organization, emphasis on leadership, advocacy, marketing, facility management, event planning, and audience development. (Prerequisite: ARTM300).

ARTM400. Capstone (3).

Create an event plan that expands work begun during the internship and culminates in a public presentation. Demonstrate ability to manage, produce literature and/or material, fundraise, and execute events that foster cultural literacy and arts appreciation. (Prerequisite: ARTM399).

ARTM451. Independent Study (1-3).

ARTM499. Advanced Experimental Course (1-3).

Courses in Athletic Training (AT)

AT100. Medical Terminology (2).

Medical terms will be translated by learning the meanings of suffixes, prefixes and finally the word root. This medical terminology course will provide the medical language needed to advance to graduate program in the health sciences. (Prerequisite: CCC101).

AT145 Introduction to Athletic Training (1)

Students will learn about the role of an athletic trainer, and fundamental issues related to public health and health care systems. Foundational clinical knowledge and skills will also be introduced. (Co-requisite: AT145L)

AT145L Introduction to Athletic Training Lab (1)

Students will learn surface anatomy, clinically relevant anatomical structures, clinical palpation skills, and the application of orthoses. (Co-requisite: AT145)

AT200. Pathology of Injury and Illness (3).

The study of injuries and illnesses commonly observed in the physically active as well as the processes of the body

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in an injured or diseased state. (Prerequisite: Pre-Athletic Training major, Co-requisite: ESAT225).

AT300. Introduction to Pharmacology (3).

This course covers fundamental concepts of pharmacology including pharmacokinetics, pharmacodynamics, and toxicology. (Prerequisite: completion of one CHEM course).

AT301. AT Seminar I (1).

This course supplements the associated athletic training clinical skills course. Using contemporary topics in health care, emphasis will be placed on interpersonal communication and professional socialization. (Co-requisite: AT501).

AT302. AT Seminar II (1).

This course supplements the associated athletic training clinical skills course. Using contemporary topics in health care, emphasis will be placed on interpersonal communication and professional socialization. (Co-requisite: AT502).

AT303. AT Seminar III (1).

This course supplements the associated athletic training clinical skills course. Using contemporary topics in health care, emphasis will be placed on interpersonal communication and professional socialization. (Co-requisite: AT503).

AT304. AT Seminar IV (1).

This course supplements the associated athletic training clinical skills course. Using contemporary topics in health care, emphasis will be placed on interpersonal communication and professional socialization. (Co-requisite: AT504).

Graduate level Courses in Athletic Training (AT)

AT500. The Practicing Athletic Trainer (2).

Students will learn the legal and ethical standards of practice as well as the foundations of patient centered care, inter-professional collaboration, evidence based practice, quality improvement, health care informatics. (Prerequisite: Entrance into the Graduate Program in Athletic Training).

AT501. AT Clinical Skills I (1).

Students will be assigned to an approved clinical site and preceptor to gain practical clinical experience. Clinical

skills previously taught will be assessed. (Prerequisite: Entrance into the Graduate Program in Athletic Training).

AT501L. AT Seminar I (1).

This course supplements the associated athletic training clinical skills course. Using contemporary topics in health care, emphasis will be placed on interpersonal communication and professional socialization. (Co-requisite: AT501)

AT502. AT Clinical Skills II (2).

Students will be assigned to an approved clinical site and preceptor to gain practical clinical experience. Clinical skills previously taught will be assessed. (Prerequisite: AT501).

AT502L. AT Seminar II (1).

This course supplements the associated athletic training clinical skills course. Using contemporary topics in health care, emphasis will be placed on interpersonal communication and professional socialization. (Co-requisite: AT502)

AT503. AT Clinical Skills III (2).

Students will be assigned to an approved clinical site and preceptor to gain practical clinical experience. Clinical skills previously taught will be assessed. (Prerequisite: AT502).

AT503L. AT Seminar III (1).

This course supplements the associated athletic training clinical skills course. Using contemporary topics in health care, emphasis will be placed on interpersonal communication and professional socialization. (Co-requisite: AT503)

AT504. AT Clinical Skills IV (2).

Students will be assigned to an approved clinical site and preceptor to gain practical clinical experience. Clinical skills previously taught will be assessed. (Prerequisite: AT503).

AT504L. AT Seminar IV (1)

This course supplements the associated athletic training clinical skills course. Using contemporary topics in health care, emphasis will be placed on interpersonal communication and professional socialization. (Co-requisite: AT504)

AT505. AT Clinical Skills V (2).

Students will be assigned to an approved clinical site and preceptor to gain practical clinical experience. Clinical

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skills previously taught will be assessed. (Prerequisite: AT504).

AT506. AT Clinical Skills VI (4).

Students will be assigned to an approved clinical site and preceptor to gain practical clinical experience. Clinical skills previously taught will be assessed. (Prerequisite: AT505).

AT510. Strength and Conditioning (3).

This course integrates the application of scientific principles, concepts, and theories of exercise to improve the condition of the physically active. (Prerequisite: Entrance into the Graduate Program in Athletic Training).

AT520. Research Methods (3).

Prepares students to utilize the best available evidence and procedures to perform research and drive clinical practice. Emphasis will be placed on ethics, formulation of a research question, design, data collection, analysis and results presentation. (Prerequisite: Entrance into the Graduate Program in Athletic Training).

AT521. Prevention and Pre-Hospital Care I (1).

Students will learn to prevent, recognize and manage acute injuries and illnesses in order to provide optimal initial care and support return to activity. This course also covers basic emergency incident management and understanding of their role and responsibilities within the EMS system. (Prerequisite: Entrance into the Graduate Program in Athletic Training, Co-requisite: AT521-L).

AT521-L. Prevention and Pre-Hospital Care I Lab (1).

Students will learn and practice the clinical skills associated with AT521. (Prerequisite: Entrance into the Graduate Program in Athletic Training, Co-requisite: AT521).

AT522. Prevention and Pre-Hospital Care II (1).

Students will learn to prevent, recognize and manage acute injuries and illnesses in order to provide optimal initial care and support return to activity. This course also covers basic emergency incident management and understanding of their role and responsibilities within the EMS system. (Prerequisite: AT521 and AT521-L, Co-requisite: AT522-L).

AT522-L. Prevention and Pre-Hospital Care II Lab (1).

Building on content learned in Pre-Hospital Care I Lab, students will learn and practice the clinical skills

associated with AT522. (Prerequisite: AT521 and AT521-L, Co-requisite: AT522).

AT530. Athletic Training Administration (3).

Students will learn to set policies and perform administrative duties related to the management of physical, human, and financial resources in the delivery of health care services. (Prerequisite: Entrance into the Graduate Program in Athletic Training).

AT531. Examination and Diagnosis I (2).

This course covers essential knowledge for performing a medical history and physical examination, establishing a plan of care, documentation, referral and return to activity considerations. (Prerequisite: Entrance into the Graduate Program in Athletic Training, Co-requisite: AT531-L).

AT531-L. Examination and Diagnosis I Lab (1).

Students will learn and practice the clinical skills associated with AT531. (Prerequisite: Entrance into the Graduate Program in Athletic Training, Co-requisite: AT531).

AT532. Examination and Diagnosis II (2).

Building on content learned in Examination & Diagnosis I, this course covers essential knowledge for performing a medical history and physical examination, establishing a plan of care, documentation, referral and return to activity considerations. (Prerequisite: AT531 and AT531-L, Co-requisite: AT532-L).

AT532-L. Examination and Diagnosis II Lab (1).

Building on content learned in Examination & Diagnosis Lab I, students will learn and practice the clinical skills associated with AT532. Prerequisite: AT531 and AT531-L, Co-requisite: AT532).

AT533. Examination and Diagnosis III (2).

Building on content learned in Examination & Diagnosis II, this course covers essential knowledge for performing a medical history and physical examination, establishing a plan of care, documentation, referral and return to activity considerations. (Prerequisite: AT532 and AT532-L, Co-requisite: AT533-L).

AT533-L. Examination and Diagnosis III Lab (1).

Building on content learned in Examination & Diagnosis Lab II, students will learn and practice the clinical skills associated with AT533. (Prerequisite: AT532 and AT532-L, Co-requisite: AT533).

AT540. Mental and Behavioral Health (3).

Course Descriptions

Introduction to the fundamentals of mental illness and psychiatric disorders, as well as factors that cause mental illness and influence patient outcomes. Students will learn to identify, refer, and give support to patients with such conditions. (Prerequisite: Entrance into the Graduate Program in Athletic Training).

AT541. Therapeutic Interventions I (2).

The essential knowledge regarding treatment and rehabilitation of common injuries and illnesses in the physically active. Students will assess patients in order to establish a plan of care and implement a therapeutic intervention program. (Prerequisite: Entrance into the Graduate Program in Athletic Training, Co-requisite: AT541-L).

AT541-L. Therapeutic Interventions I Lab (1).

Students will learn and practice the clinical skills associated with AT541. (Prerequisite: Entrance into the Graduate Program in Athletic Training, Co-requisite: AT541).

AT542. Therapeutic Interventions II (2).

The essential knowledge regarding treatment and rehabilitation of common injuries and illnesses in the physically active. Students will assess patients in order to establish a plan of care and implement a therapeutic intervention program. (Prerequisite: AT300, AT541 and AT541-L, Co-requisite: AT542-L; AT300 can also be taken as a co-requisite).

AT542-L. Therapeutic Interventions II Lab (1).

Students will learn and practice the clinical skills associated with AT542. (Prerequisite: AT541 and AT541-L, Co-requisite: AT542).

AT543. Therapeutic Interventions III (2).

The essential knowledge regarding treatment and rehabilitation of common injuries and illnesses in the physically active. Students will assess patients in order to establish a plan of care and implement a therapeutic intervention program. (Prerequisite: AT542 and AT542-L, Co-requisite: AT543-L).

AT543-L. Therapeutic Interventions III Lab (1).

Students will learn and practice the clinical skills associated with AT543. (Prerequisite: AT542 and AT542-L, Co-requisite: AT543).

AT550. Emergency Medical Services (5).

This course prepares students to perform as competent emergency medical services (EMS) providers. Emphasis is

placed on roles and responsibilities of the EMS provider, scene management, triage, patient assessment and treatment of medical emergencies. (Prerequisite: Entrance into the Graduate Program in Athletic Training).

AT551. Independent Study (1-3).

A program of supervised work in an area of special interest to the student. Graduate students may take up to three credits toward graduation. This course may be used as elective credit, but may not be used in place of required courses.

AT560. Exam Prep (1).

A preparation course for the athletic training Board of Certification Exam.

AT590. Advanced Topics in Athletic Training (1-3).

This course will cover contemporary topics in athletic training and related fields. (Prerequisite: Entrance into the Graduate Program in Athletic Training).

AT595. Capstone: Thesis I (4).

This is the first of two-course sequence. Under the direction of a faculty chair, students will design original research and begin writing a thesis manuscript. (Prerequisite: Entrance into the Graduate Program in Athletic Training).

AT596. Capstone: Thesis II (4).

This is the second of a two-course sequence. Under the direction of a faculty chair, students will design and implement original research and complete a thesis manuscript. (Prerequisite: AT595).

Courses in Biology (BIOL)

BIOL101. Biology and Society (4) (NATURAL SCIENCE).

A general biology course for non-science majors. Selected topics ranging from the level of the cell to the biosphere are covered. Does not count towards Biology elective credit for Biology majors or minors. Three hours of lecture and two hours of laboratory per week. Fall.

BIOL101L. Biology and Society Lab

Laboratory exercises and experiments designed to illustrate principles discussed in BIOL101. (Co-requisite: BIOL101) Fall

Course Descriptions

BIOL130. Local Flora (3).

A field course dealing with collection, identification and classification of wild flowers and trees of Michigan and other designated areas. Offered as needed.

BIOL131 General Biology I – Molecules and Cells (4) (NATURAL SCIENCE)

A study of the molecular and cellular basis of life, the basic biochemical processes governing metabolism and photosynthesis, the central dogma of molecular biology, and basic genetics. Three hours of lecture, two hours of laboratory per week. For biology and environmental science majors and pre-health students.(Corequisite: BIOL131L)

BIOL132 General Biology II – Organismal Biology (4)

A study of the structure, development and physiology of organisms and the diversity of life. Three hours of lecture, two hours of laboratory per week. For biology and environmental science majors and pre-health students. (Prerequisites: BIOL131, BIOL101, or BIOL103 OR BIOL131)

BIOL199. Exploratory Internship (1-3).

BIOL203. Histology (3)

This combined lecture and laboratory course covers the identification of cells, tissues, and organs. Basic concepts and principles will be applied towards microanatomy and the identification of specific histological structures. Three hours lecture. (Prerequisite: BIOL104 OR BIOL132)

BIOL209. Human Nutrition (3).

The fundamentals of nutrition and their applications in meeting nutritional needs during the life span. Emphasis is on the functions of essential food elements, health and the adequacy of dietary patterns. Does not count toward Biology elective credit for Biology majors or minors. (Prerequisite: BIOL101, BIOL103 OR BIOL131, or BIOL104 OR BIOL132). Spring.

BIOL212. Vertebrate Zoology (4).

A survey of the major classes of vertebrates, including anatomy, behavior, ecology, distribution and taxonomy. Three hours of lecture, three hours of laboratory per week. (Prerequisite: BIOL101 or BIOL104 OR BIOL132). Fall.

BIOL217. Principles of Ecology (3).

The structure and function of living systems, including patterns of relationship between organisms and their environment. The study begins with populations and builds to the level of ecosystems and the biosphere. Three hours of

lecture per week. See BIOL218 for a related laboratory experience. The lab is required for students pursuing a Bachelor of Science or is an Environmental Science major. (Prerequisites: MATH101 and a 100 level BIOL or ESS course). Fall.

BIOL218. Ecology Laboratory (1).

Laboratory and field exercises designed to illustrate principles discussed in BIOL 217. The lab is required for students pursuing a Bachelor of Science or is an Environmental Science major. (Co-requisite: BIOL 217). Fall.

BIOL221. Principles of Genetics (3).

Mechanisms and laws of inheritance, the nature of the genetic material, and the structure and function of genes and the regulation of their activity. Three hours of lecture. See BIOL 223 for a related laboratory experience. (Prerequisites: BIOL104 OR BIOL132, CHEM101 and MATH101). Fall.

BIOL223. Genetics Laboratory (1).

Laboratory exercises and experiments designed to illustrate principles discussed in BIOL221. The lab is required for students pursuing a Bachelor of Science, and is not required for Environmental Science majors. (Co-requisite: BIOL221). Fall.

BIOL262. Invertebrate Zoology (4).

The biology of invertebrates (excluding insects but including parasitic invertebrates) with reference to anatomy, ecology, taxonomy and physiology. Three hours of lecture, three hours of laboratory per week. (Prerequisite: BIOL101 or BIOL104 OR BIOL132). Fall.

BIOL285. Biostatistics (3)

An introduction to probability and statistics, with an emphasis on application to hypothesis testing in biological sciences. Students will implement and interpret basic statistical tests, including t-tests, correlation, linear modeling, ANOVA. 2 hours lecture, 2 hours of lab/week. (Prerequisites: BIOL103 OR BIOL131 and MATH115)

BIOL299. Experimental Course (1-4).

BIOL301. Junior Seminar (1).

Required for all junior Biology majors. A course exploring critical issues in biology through selected readings, discussion and presentations (oral and written). (Prerequisites: Junior standing, BIOL103 OR BIOL131 or BIOL104 OR BIOL132, BIOL221 or BIOL326, and four additional hours of BIOL credits). Fall, Spring.

Course Descriptions

BIOL309. Topics in Biology (1-4).

Investigations of advanced or specialized topics of current interest. Topics and coverage varies with semester and instructor. May be repeated. (Prerequisite vary with coverage). Offered as needed.

BIOL310. Neurobiology (4).

An overview of neuroscience. Lectures and labs cover the key principles, methods, and concepts of the nervous system. Topics include: structural organization and functioning of the nervous system; disorders of the brain; and neural development. (Prerequisites: BIOL103 OR BIOL131, BIOL104 OR BIOL132 and CHEM 224). Spring.

BIOL312. Principles of Neuropharmacology (3).

A combination of the principles of neuroscience and pharmacology will be applied. Topics include the biological actions and mechanisms of drugs with the nervous system; the behavioral effects of psychoactive drugs; and treatments of certain nervous system disorders. Three hours lecture. (Prerequisite: Junior standing and at least one 300-400 level BIOL course)

BIOL315. Pathophysiology (3).

The development of disease states and/or conditions due to biological or aberrant physiological processes is compared to normal physiological function. Focus is primarily on vertebrates, especially humans. (Prerequisite: BIOL326 or BIOL365).

BIOL324. Conservation Biology (3).

An examination of the genetic and ecological concepts important in developing plans for preserving species and habitats. Techniques designed to gather the required information will be examined. Case studies of work on selected species will be discussed. Three hours of lecture per week. (Prerequisite: BIOL217 or 221; CCC101 when offered as a writing intensive course). Fall.

BIOL326. Microbiology (4).

An introduction to microorganisms including bacteria, fungi and viruses. Cell structure, metabolism and genetics will be covered with an emphasis on current techniques used in medical and environmental studies. Laboratory work emphasizes microscopical, biochemical and molecular genetic identification of bacteria. Three hours of lecture, three hours of laboratory per week. (Prerequisites: BIOL103 OR BIOL131 and BIOL104 OR BIOL132). Spring.

BIOL327. Advanced Microbiology (3)

Exploration of current topics involving disease-causing microbes of both animals and plants including

epidemiology, pathogenesis, and treatment of animal and plant disease due to bacteria, viruses, and fungi. Emphasis on viral diseases of animals and fungal diseases of plants. Three hours of lecture per week. (Prerequisite: BIOL326)

BIOL333. Biochemistry (3).

The chemistry and biological significance of proteins, enzymes, lipids, nucleic acids, and porphyrins, including the generation of phosphate bond energy via metabolism and its use in biosynthesis. (Prerequisites: CHEM224 and permission of instructor or CHEM225). Offered as needed.

BIOL334. Biochemistry Laboratory (1).

Lab techniques for the study macromolecules. (Co-requisite: BIOL333). Offered as needed.

BIOL343. Molecular Cell Biology (3).

The structure and functioning of eukaryotic cells, with emphasis on the control of gene expression. Molecular aspects of the control of development are also discussed. (Prerequisites: BIOL221 and CHEM224). Fall.

BIOL345. Methods in Molecular Biology (3).

The basic techniques utilized in molecular biology are discussed. Students learn the techniques through a series of laboratory exercises with progressively more demanding protocols. One hour lecture and five hours of laboratory per week. (Prerequisites: BIOL221 or BIOL343 and permission of instructor). Spring.

BIOL351. Plant Physiology (3).

Advanced discussion of cellular and tissue function and whole organism biochemical processes in living plants. Topics will include water and mineral movement, photosynthesis, primary metabolism, phloem translocation, secondary metabolites, growth and development, and control of flowering. Three hours of lecture per week. (Prerequisites: BIOL103 OR BIOL131, CHEM105, and CHEM117)

BIOL352. Plant Ecology (4).

The interaction of plants and their biotic and abiotic environment. Study of multiple levels of organization from individual-level traits to population dynamics, from communities of coexisting species to ecosystem function. A combination of 3 hours lecture, 3 combines hours of field and laboratory experience each week. (Prerequisites: BIOL103 OR BIOL131 and BIOL217). Spring of even years.

BIOL355. Evolutionary Biology (3).

The study of evolutionary processes and mechanisms, with consideration of deep evolutionary time, the fossil record,

Course Descriptions

micro-evolutionary forces, including genetic drift, gene flow, mutation, and selection, as well as mechanisms of speciation and species concepts. (Prerequisites: BIOL103 OR BIOL131 or BIOL104 OR BIOL132, CCC101 and sophomore standing).

BIOL364. Entomology (4).

The biology of insects with reference to anatomy, ecology, taxonomy and physiology, focusing on local species and medically important ones. Three hours of lecture, three hours of laboratory per week. (Prerequisite: BIOL101 or BIOL104 OR BIOL132). Offered as needed.

BIOL365. General Physiology (4).

The structural and functional correlates of organismal biology, including membrane specializations, intermediary metabolism and homeostatic control mechanisms. Emphasis is on mammals, primarily humans. The lab includes non-invasive experiments that are performed on students enrolled in the class, using basic research and standard medical equipment. (Prerequisites: BIOL104 OR BIOL132, MATH115 and CHEM224). Fall.

BIOL366. Biology of Parasites (4).

The biology of common parasites of humans and animals. Emphasis is on the study of evolutionary strategies of parasites and their vectors, the identification and life histories of common parasites and the methods used to analyze outbreaks and patterns of disease incidence. Three hours of lecture and three hours of laboratory per week. (Prerequisite: BIOL101 or BIOL104 OR BIOL132). Spring.

BIOL369. Developmental Biology (4).

Modern principles of gene regulation and biochemical control of plant and animal developmental processes, from embryo through senescence. Includes environmental signals, teratogens and cancer. Three hours of lecture, three hours of laboratory per week. (Prerequisites: BIOL221 and CHEM224). Offered as needed.

BIOL370. Immunology (3).

Principles of immunology, including the structure of antigens and the regulation of cell-mediated and humeral immunity. Non-specific immunity and body defenses are also discussed. Recent papers on related topics are discussed. (Prerequisite: BIOL221 or BIOL326; Co-requisite: BIOL333 or BIOL341, CHEM224 or CHEM341). Spring.

BIOL375. Animal Behavior & Communication (4).

The behavior and communication of a variety of animals, particularly vertebrates, examined at the physiological, ecological and evolutionary levels. Both indoor and field laboratory experiences incorporate behavioral and communication instrumentation and computer-aided statistical analysis of results. (Prerequisite: one course of 200 or higher level in PSYC or BIOL). Spring.

BIOL378. Ichthyology (4).

The principles of classification, distribution, behavior and adaptation of fishes, within an ecological and evolutionary context. Includes laboratory and field identification, with emphasis on Michigan fauna. Three hours of lecture, three hours of laboratory per week. (Prerequisite: BIOL212). May, Spring, or Summer.

BIOL379. Herpetology (4).

The principles of classification, distribution, behavior and adaptation of amphibians and reptiles, within an ecological and evolutionary context. Includes laboratory and field identification, with emphasis on Michigan fauna. Three hours of lecture, three hours of laboratory per week. (Prerequisite: BIOL212). May or Summer.

BIOL380. Ornithology (4).

The principles of classification, distribution, behavior and adaptation of birds, within an ecological and evolutionary context. Includes laboratory and field identification, with emphasis on Michigan fauna. Three hours of lecture, three hours of laboratory per week. (Prerequisite: BIOL212). Spring, May or Summer.

BIOL381. Mammalogy (4).

The principles of classification, distribution, behavior and adaptation of mammals, within an ecological and evolutionary context. Includes laboratory and field identification, with emphasis on Michigan fauna. Three hours of lecture, three hours of laboratory per week. (Prerequisite: BIOL212). Spring, May or Summer.

BIOL399. Professional Internship (1-12).

Previously approved internships include hospital observational experience and work at Kalamazoo Nature Center and Hidden Lake Gardens.

BIOL401. Capstone: Senior Seminar (2).

Student-led discussions of recent advances in biological research. One or two hours per week. (Prerequisites: BIOL103 OR BIOL131, BIOL104 OR BIOL132, and two of BIOL 217, BIOL221, or BIOL326; and permission of department). Fall, Spring.

Course Descriptions

BIOL450. Biological Research (1-2).

Original research in biology requiring acceptance of a thesis proposal by the biology faculty prior to registration. Proposal must include literature survey, budget and time scale for completion of each segment. May be repeated. (Prerequisite: permission of instructor). Fall, spring.

BIOL455. Human Anatomy (3).

Dissection and the anatomical exploration of the human body using cadavers. Two hours of lecture and two hours of laboratory per week. (Prerequisites: BIOL104 OR BIOL132, Junior or Senior standing in Biology and/or permission of instructor). Spring.

BIOL451. Independent Study (1-3).

Independent study in biology that is supervised by a biology faculty member. May be repeated. (Prerequisite: permission of instructor).

BIOL499. Advanced Experimental Course (1-4).

Courses in Business Administration (BUS)

BUS101. Introduction to Business (3).

Course exposes students to the business environment and current issues in business. Students will actively read and discuss business publications and work in teams to complete a business simulation, develop critical thinking skills, and evaluate decisions.

BUS199. Exploratory Internship (1-3).

BUS242. Business & Professional Communication (3).

Focus upon the analysis and application of communication principles and practices applicable to interpersonal, team, public, and technological communications for successful participation in organizational and professional activities. Open to second semester freshmen. (Prerequisites: CCC101 and BUS101). Fall, Spring.

BUS255. Field/Travel Experience (3).

Includes a four- to five- day stay in a major metropolitan city in the U.S. or Canada. Students visit a variety of institutions such as security/commodity markets, international financial centers, advertising agencies, government centers and cultural exhibits, with free time also in which to experience

the diverse flavors of a major city. Individual academic assignments relate the field/ travel experience to the student's specific major. (Prerequisite: junior standing). Occasional May or Summer terms.

BUS299. Experimental Course (1-3).

BUS305. Business Law I (3).

Review of legal procedure, the judicial system; crimes and torts; intellectual property; internet law; contracts; forms of agreement and performance; the discharge and enforceability of contractual arrangements; analysis of sales of goods under the UCC; employment law and discrimination. (Prerequisite: BUS242 or permission of instructor). Fall, Spring.

BUS346. Social, Political & Ethical Issues in Business (3).

Topics include the social, legal, moral and ethical pressures exerted on business enterprises by the external environment; the rules and ethical responsibilities of business persons; corporate governance; and the assessment of social and ethical performance. (Prerequisite: MGMT243). Spring.

BUS350. Topics in Business Administration (3).

In-depth theoretical and practical coverage of concepts in a specialized area of business administration, using the conceptual knowledge for planning and problem solving. Topics may include but are not limited to new product development, managing information, ethical considerations in decision making and cross-cultural business negotiations. May be repeated with a different topic. (Prerequisite: permission of instructor). Offered as needed.

BUS399. Professional Internship (1-12).

BUS406. Advanced Business Law (3).

Legal problems of business enterprises, including principals and agents, partnerships and corporations, and government regulation of business such as securities and antitrust; creditors' and debtors' rights including bankruptcy; Uniform Commercial Code. Other topics potentially include real and personal property laws, environmental law, consumer law, and trusts and estates. (Prerequisite: BUS305) Offered once per academic year.

BUS449. Capstone: Strategic Management (3).

This course introduces key concepts, tools, and principles of strategy formulation and competitive analysis. It is concerned with managerial decisions and actions that affect the performance and survival of business enterprises. (Prerequisites: FIN310 and BUS346). Fall, Spring.

BUS451. Independent Study (1-3).

(Prerequisite: permission of Business department).

BUS499. Advanced Experimental Course (1-3).

Courses in Financial Planning (CFP)

CFP101. Introduction to the CFP Credential (1).

This course serves as the orientation to the CFP program. Students will research the CFP profession, the requirements for the exam, the requirements for certification, and draft a goal statement. (Prerequisite: FIN110 or ACCT204; FIN110 or ACCT204 may also be taken as a co-requisite).

CFP301. General Principles of Financial Planning (3).

This course provides a comprehensive examination of the general principles of financial planning, professional conduct and regulation, and education planning. The course also covers the regulatory environment, time value of money, and economic concepts. (Prerequisite: CFP101; CFP101 can also be taken as a co-requisite).

CFP302. Risk Management & Insurance Planning (3).

This course provides a comprehensive examination of the general principles of risk management and insurance planning for individual and family clients. (Prerequisite: CFP101; CFP101 can also be taken as a co-requisite).

CFP303. Investment Planning (3).

This course explores the securities market, sources of information, risk/return, stocks, bonds, options, futures, and security analysis, and culminates in portfolio construction and analysis. (Prerequisite: CFP101; CFP101 can also be taken as a co-requisite).

CFP304. Tax Planning (3).

This course covers taxation for individuals, sole proprietorships, partnerships, and corporations, as well as the tax aspects of investments, insurance, annuities, and retirement planning. (Prerequisite: CFP101; CFP101 can also be taken as a co-requisite).

CFP305. Retirement Savings & Income Planning (3).

This course provides the foundation to conduct a retirement needs analysis and understand the different types of retirement plans available to individuals, and to recognize the key factors that affect retirement plan selection for business owners. (Prerequisite: CFP101; CFP101 can also be taken as a co-requisite).

CFP306. Estate Planning (3).

This course introduces federal gift, estate, and transfer taxes and planning techniques used to minimize the impact of these taxes on transfers of wealth. This course stresses the need for balancing tax and non-tax considerations in creating estate plans. (Prerequisite: CFP101; CFP101 can also be taken as a co-requisite).

CFP307. Financial Plan Development (3).

Students will develop a complete financial plan, through the use of case studies and interviewing mock clients. Presentations of a formal financial plan, demonstrating the ability to set client expectations and communicate with clients, are also required. (Prerequisites: CFP301, CFP302, CFP303, CFP304, CFP305 and CFP306).

CFP309. CFP Examination Preparation (1).

This course serves as the conclusion to the CFP program. Students will prepare a study plan, register to sit for the CFP exam, and explore career prospects. (Prerequisite: CFP307; CFP307 can also be taken as a co-requisite).

Courses in Chemistry (CHEM)

CHEM101. The World of Chemistry (4) (NATURAL SCIENCE).

Intended for the non-science major, this course will introduce concepts of chemistry by relating them to their daily uses. Hands-on learning is emphasized through classroom and laboratory activities, showing the interplay of theory and experiment, and how they relate to the scientific method. (Does not count toward Chemistry major or minor). Three hours of lecture, one 3-hour laboratory per week. Fall and Spring.

CHEM101. The World of Chemistry Lab

Laboratory exercises and experiments designed to illustrate principles discussed in CHEM101. (Co-requisite: CHEM101) Fall

CHEM102. Kitchen Chemistry (4) (NATURAL SCIENCE).

Introduction of chemistry and biochemistry concepts based on food and beverages, including topics associated with chemical changes that occur during cooking and baking. Specific topics will vary by semester. (Does not count towards Chemistry major or minor). Three hours of lecture, one 3-hour laboratory per week. Offered as needed.

CHEM105. General Chemistry I (3) (NATURAL SCIENCE).

Course Descriptions

The first course in an introductory sequence in chemistry, with topics including units of measurement, physical properties of matter, atomic structure, chemical reactions and stoichiometry, aqueous solutions, acids and bases, chemical bonding, and Lewis structures. (Prerequisite: MATH101; Co-requisite: CHEM117). Fall.

CHEM106. General Chemistry II (3) (NATURAL SCIENCE).

The second course in an introductory sequence in chemistry. Topics include physical equilibria, chemical equilibria, acids and bases, chemical kinetics, entropy and free energy and electrochemistry. (Prerequisite: CHEM105; Co-requisite: CHEM118). Spring.

CHEM117. Introductory Chemistry Laboratory I (1) (NATURAL SCIENCE).

An introductory laboratory sequence for the chemistry program. Introduction to laboratory apparatus, lab skills, techniques, data collection, and note taking. One three hour laboratory per week. (Co-requisite: CHEM105). The Natural Science distribution credit will only be given for students receiving a passing grade in BOTH CHEM105 and CHEM117. Fall.

CHEM118. Introductory Chemistry Laboratory II (1) (NATURAL SCIENCE).

An introductory laboratory sequence for the chemistry program. Continuation of laboratory techniques and skills including writing laboratory reports. Topics will relate to material covered in CHEM106 lectures. One three- hour laboratory per week. (Co-requisite: CHEM106). Spring.

CHEM199. Exploratory Internship (1-3).

CHEM205. Environmental Chemistry (3).

Application of basic concepts of chemistry to issues of air, water, and soil pollution. The chemistry of energy generation and its environmental implications are also discussed. Three lectures per week. (Prerequisite: CHEM224). Offered as needed.

CHEM206. Environmental Chemistry Laboratory (1).

Laboratory to correspond to CHEM205. Application of basic concepts of chemistry to issues of air, water, and soil pollution. The chemistry of energy generation and its environmental implications are also studied. One 3-hour laboratory per week. (Co-requisite: CHEM205). Offered as needed.

CHEM214. Chemical Demonstrations (1).

The theory and practice of performing classroom demonstrations exhibiting chemical principles. Students are

required to participate in a community outreach program as part of their final evaluation. (Prerequisite: one previous CHEM class). May be repeated. Offered as needed.

CHEM222. Scientific Writing (3).

Focuses on skills necessary for writing in the social and physical sciences. Students will read and create a variety of documents, including lab notes, reports, summaries, and abstracts. Significant library and internet research, which students will use to write technical descriptions, literature reviews, instructions, and essays. (Prerequisite: CCC101). Offered as needed.

CHEM224. Organic Chemistry I (3).

The first course of two-semester sequence focuses on the study of common organic functional groups including their structures, nomenclature, isomerism and stereochemistry. Bonding, acid-base theories and organic reactions are also included. (Prerequisites: CHEM106 and CHEM118; Co-requisite: CHEM226). Fall.

CHEM225. Organic Chemistry II (3).

This course is a continuation of CHEM224 and includes additional classes of organic compounds and their reactions. The principles of elucidation of organic compounds structures by IR, NMR, UV, and MS are also included. (Prerequisites: CHEM224 and CHEM226; Co-requisite: CHEM227). Spring.

CHEM226. Organic Chemistry Laboratory I (1).

The course introduces students to basic laboratory techniques of preparation, purification, and identification of organic compounds. Introductions to the use of instrumentation in organic laboratories (IR & GC) is also included. Four hours per week. (Prerequisite: CHEM118; Co-requisite: CHEM224). Fall.

CHEM227. Organic Chemistry Laboratory II (1).

The course focuses on qualitative organic analysis in which both classical and instrumental techniques are utilized to elucidate organic structures. Preparation, separation, and identification of compounds are also included. Four hours per week. (Prerequisite: CHEM226; Co-requisite: CHEM225). Spring.

CHEM273. Nuclear Weapons and Power (2).

The science and politics of nuclear weapons and nuclear power, including the discovery of the atom, the Manhattan Project, the Cold War arms race, the prospects for nuclear terrorism, and the controversies over nuclear power and

Course Descriptions

nuclear waste disposal. Students who have taken PSCI273 may not take this course for credit. (Prerequisite: CCC101). Offered as needed.

CHEM299. Experimental Course (1-3).

CHEM303. Analytical Chemistry (3).

The study of chemical stoichiometry and equilibria, including elementary principles of volumetric, gravimetric, spectrophotometric and potentiometric analysis as applied to chemical analysis. Three lectures per week. (Prerequisites: MATH115, CHEM106 and CHEM118; Co-requisite: CHEM305). Fall.

CHEM305. Analytical Chemistry Laboratory (1).

Experiments to learn analytical chemistry laboratory techniques and data analysis with emphasis on volumetric and gravimetric analysis, molecular and atomic spectrophotometry, and modern separation techniques. (Co-requisite: CHEM303). Fall.

CHEM321. Thermodynamics (3).

Equilibrium properties of chemical systems related to reactions in gas and solution phases, and heat and energy transfer. Studies will move from ideal conditions to non-ideal states to model the behavior of chemical systems. (Prerequisites: CHEM303 and CHEM305, MATH135 and PHYS101 or PHYS205). Fall.

CHEM322. Quantum Mechanics (3).

Starting with a historical foundation into the deviations from Newtonian Physics, this course explores the quantum world and its relation to chemical systems. The behavior of systems with both wave and particle behavior and their importance in the development of modern spectroscopy and technology will be covered. (Prerequisites: CHEM303, MATH135 and PHYS101 or PHYS205). Offered as needed.

CHEM325. Physical Chemistry Laboratory (1).

Experiments to demonstrate concepts learned in the realm of physical chemistry. Students will utilize instruments, analyze data, and write consistent with standards set by the chemistry community. Three hours of laboratory per week. (Prerequisites: CHEM303, CHEM305 and CHEM321). Spring.

CHEM341. Biochemistry I (3).

Coverage of the chemistry and biological significance of biological macromolecules including nucleic acids, proteins, lipids and carbohydrates. Special emphasis on macromolecular structure, function, and enzyme mechanisms and kinetics. (Prerequisites: CHEM224 and CHEM226). Fall.

CHEM342. Biochemistry II (3).

Coverage of the biosynthesis and metabolism of nucleic acids, proteins, cofactors, amino acids, lipids and carbohydrates. Special emphasis on cellular utilization of energy and the control of metabolism at the genetic and enzymatic level. (Prerequisite: CHEM341). Spring.

CHEM344. Biochemistry Laboratory (1).

The study of biochemical lab techniques with emphasis on isolation, purification, and characterization of biological macromolecules, electrophoresis, and enzyme kinetics using purified proteins. (Co-requisite: CHEM341). Fall.

CHEM399. Professional Internship (1-12).

CHEM401. Chemistry Seminar (1).

Students will continue research in a narrow focus and present the material in an oral presentation like one that would be found in a professional conference setting. (Prerequisites: CHEM303 and CHEM305). Spring.

CHEM404. Advanced Inorganic Chemistry (3).

Chemical theories and laws and their applications to inorganic systems, including quantum theory, wave mechanics, the periodic table, chemical bonding, inorganic stereochemistry, coordination compounds, acids and bases, non-aqueous solvents and the chemistry of selected elements. Three lectures per week. (Co-requisite: CHEM321). Spring of even years.

CHEM405. Advanced Physical Chemistry (3).

Quantum mechanics and statistical thermodynamics with applications to chemical systems. Three lectures per week. (Prerequisites: CHEM322, MATH215 and MATH303). Offered as needed.

CHEM406. Advanced Organic Chemistry (3).

Advanced theories of molecular structure and reactivity of organic compounds with attention to reaction mechanisms and the methods by which information is obtained about molecules and reactions. Three lectures per week. (Prerequisite: CHEM225). Offered as needed.

CHEM407. Instrumental Analysis (3).

The theory of modern instrumental analysis techniques, including ultraviolet and visible spectrophotometry, emission, atomic absorption, infrared and nuclear magnetic resonance spectroscopy, gas chromatography and electrochemical methods. Three lectures per week. (Prerequisites: CHEM303 and CHEM305; Co-requisite: CHEM408). Spring of odd years.

Course Descriptions

CHEM408. Instrumental Analysis Laboratory (1).

The application of modern instrumental analysis techniques, including UV/Vis, emission, atomic absorption and mass spectrometry, infrared and nuclear magnetic resonance spectroscopy, gas and liquid chromatography, and electrochemical methods.

(Co-requisite: CHEM407). Spring of odd years.

CHEM411. Recent Advances in Biochemistry (3).

This course will focus on recent advances in biochemistry through detailed analysis of the current literature. Special emphasis will be placed on how biochemical discoveries improve our quality of life and how the study of biochemistry is used in the diagnosis and treatment of disease. (Prerequisite: CHEM342). Offered as needed.

CHEM415. Advanced Topics in Chemistry (3).

In-depth study of chemistry topics, which vary by semester and based on instructor. Topics include, but not limited to Forensics, Polymers, Medicinal, and Industrial chemistry. May be repeated for credit with a different topic. (Prerequisite: permission of instructor).

CHEM450. Research in Chemistry (1-3).

Laboratory research on a topic agreed upon by the student and the faculty research director. A formal report of results is required. May be repeated for a maximum of 6 hours. (Prerequisite: permission of department).

CHEM451. Independent Study (1-3).

A program of independent research. May be repeated for a maximum of 6 hours. (Prerequisite: permission of department).

CHEM470. Capstone: Interdisciplinary Chemistry (2).

The students will work on an individual research project relating to a current topic in chemistry. Topics may change based upon student and faculty interest. Students will prepare for an oral exam by the faculty. (Prerequisite: CHEM401). Fall.

CHEM499. Advanced Experimental Course (1-3).

Courses in Computer Information Systems (CIS)

CIS140. Computer Applications for Business (3).

A practical course in business problem solving, decision making and presentation of information utilizing microcomputer technology. Through business problem simulations the student will actively solve problems while

learning about microcomputer hardware configuration, operating systems, and common business microcomputer software including spreadsheets, data base management systems, and business graphics. (Prerequisite: MATH101).

CIS199. Exploratory Internship (1-3).

CIS201. Introduction to Data Science (3).

In this course, students learn how to gather, clean, normalize, visualize and analyze data to drive informed decision-making, using spreadsheets, SQL, Python, and other tools to work collaboratively on real-world datasets. (Prerequisite: CS103; Co-requisite: CIS201L).

CIS201L. Introduction to Data Science Lab (1).

In-class projects to accompany CIS201. (Co-requisite: CIS201).

CIS250. Advanced Web-Based Programming (3).

The use of advanced programming techniques, using server-side software to develop dynamic web pages. Discussion of relevant human interface issues. (Prerequisite: CS110).

CIS299. Experimental Course (1-3).

CIS399. Professional Internship (1-12).

CIS451. Independent Study (1-3).

CIS499. Advanced Experimental Course (1-3).

Courses in Communication Art & Sciences (COMM)

COMM109. Beginning Media Performance (3).

The goal of this course is to introduce students to techniques used by media talent. Performances in studio and on-air work include green screen, interview, news desk, music, and talk show formats. Expected outcomes include performance readiness in current media. Fall, Spring.

COMM110. Survey of Mass Communication (3) (HUMANITIES).

Survey course with emphasis on the history of the mass media and its social, cultural, economic, ethical and political impact. Fall, Spring.

COMM199. Exploratory Internship (1-3).

Fall, Spring, May and Summer.

COMM205. Public Relations I: Introduction to Public

Course Descriptions

Relations (3).

An overview of public relations, with an emphasis in understanding that various career opportunities in the field, along with learning the job skills of the entry-level public relations position. (Prerequisite: CCC101). Open to freshmen. Fall,.

COMM209. Interpersonal Communication (3) (HUMANITIES).

Theoretical overview of dyadic relationships and an exploration of how meaning develops in personal, social and organizational relationships. Open to freshmen. Fall, Spring.

COMM210. Digital Media Production I (3).

This course introduces students to production techniques used in digital multimedia laboratories and studios. Expected outcomes include beginning proficiency in production software. (Prerequisite: COMM109). Fall, Spring.

COMM218. Introduction to Communication Theory (3). (Writing Intensive)

The goal of this course is to introduce students to theories and methods used in communication studies. Students will learn to observe and write about communication artifacts in the media and interpersonal experiences. (Prerequisite: CCC101). Fall.

COMM245. Strategic Public Relations (3).

This course introduces students to public relations theory, the PESO model of communication strategies and the relationship between business and communication strategies. (Prerequisite: COMM205 and COMM218) Fall, Spring.

COMM280. Communication Ethics (3) (HUMANITIES).

Methods of understanding ethics as a process of critical reflection in human communication. Application to both contemporary and classical subject matter. Emphasis on both interpersonal and media influences. Fall, Spring. Fall, Spring.

COMM285. Podcasting, Audio and Radio Production (3).

Overview of the principles of radio production and operations, with an emphasis on producing programming for terrestrial, satellite, podcast and streaming radio. (Prerequisites: COMM109). Fall even years.

COMM290. Live Stream Video & TV Production (3).

This course provides students with basic training in Video Streaming and the Live-In-Tape studio production process via crew management, project development, production technique, and combining these with Field Productions. (Prerequisites: COMM109 and COMM210). Spring even years.

COMM299. Experimental Course (1-3).

COMM302. Persuasion (3) (HUMANITIES).

Overview of contemporary theories of persuasion, research methods and practical application with an emphasis on how persuasion is used in advertising, public relations and marketing to influence consumer behavior. (Prerequisite: CCC102) Spring even years.

COMM303. Public Relations Tactics (3).

This course provides students with a range of Strategic Communications and Public Relations tactics that they can deploy to create effective, targeting messaging. The primary focus will be on translating principles and theory to applicable actions. (Prerequisite: COMM245 & 205).

COMM308. Mass Media Criticism (3).

An overview of critical media studies theories and methods. The course focuses on teaching students how to critically analyze media texts that discuss gender, race and class. (Prerequisite: CCC101). As needed.

COMM311. Media Activities: ACTV (1).

This class prepared students for the rapidly change world of professional video broadcasting by working for ACTV. From traditional television broadcasting to the power of podcasting, students will gain hands-on experience. Does not count for elective credit in Communication Arts and Science major. (Prerequisite: COMM109). As needed.

COMM312. Media Activities: WVAC (1).

Students taking this course will gain experience producing live radio programming for WVAC. The programming will begin by producing a predesigned format and evolve as the skills of performers and production personnel improve. Does not count for elective credit in Communication Arts and Science major. (Prerequisite: COMM109). Fall.

COMM313. PRush Creative (1-3).

Credit is earned for participation in a public relations project in the Adrian community. Students learn about public relations writing and production and experience working with a real client. Does not count for elective credit in Communication Arts and Science major. (Prerequisite: COMM205). Spring.

COMM314. Public Relations II: Campaign Writing and Management (3) (Writing Intensive).

Principles of using social media for public relations and advanced case studies in public relations combines with hands-on experience in developing a public relations campaign. (Prerequisite: COMM205). Spring.

COMM317. PR Performance and Production (3).

This course will introduce students to the role of the public relations media technician. It focuses on using the media to represent, create productions, and plan PR strategy. The course emphasizes learning how to conduct yourself in media situations. (Prerequisites: COMM205). Fall, Spring.

COMM319. Film History (3) (HUMANITIES).

This course focuses on major film genres exploring their development, impact, and characteristics. (Prerequisite: CCC101). Fall.

COMM330. Intercultural Communication (3)

Examines the communication behaviors and patterns unique to a variety of cultures as well as those of gender, racial and ethnic-based subcultures, using a balance of theory and practical application. (Prerequisites: CCC101 and CCC102). Fall odd years.

COMM338. Crisis Communication (3).

Students will learn how to develop and execute effective crisis communication strategies in both the private and public sector using a variety of principles and techniques. (Prerequisite: COMM314 and COMM205). Fall and Spring

COMM339. Advanced Digital Media Production (3).

The goal of this course is to offer students advanced training production techniques used in digital, multimedia laboratories and studios. Expected outcomes include continued expansion of proficiency in production software usage. (Prerequisite: COMM210).

COMM342. Public Relations and Organizational Theory (3)

Overview of current theories and organizational communication and public relations, with a focus on practical application, case studies, and organizational ethics and leadership. (Prerequisites: CCC101 and CCC102). Offered as needed.

COMM345. Sports Broadcasting (3).

The course will cover a look at the early history of radio and TV and how the industry morphed into sports broadcasting. Topics also covered include how to put together run downs, on-camera reporting, script writing and the art of

interviewing as well as the ethical considerations. (Prerequisites: COMM109)

COMM349 Screenwriting (3)

A writing course focused on creating works for both the large and small screen. Students will become familiar with format, character development, and terminology. Lectures on agents, marketing, and script submissions will help prepare students for working both in the field and on a set. (Prerequisite: Any Writing Intensive and Humanities Credits)

COMM385. Advanced Audio Production (3).

This course presents students with the opportunity to create audio productions which require advanced planning and production skills, and access to more advanced production equipment. The type of productions can include music production in the form of popular music genres and sound tracks, ADR for video and film, serial audio for radio and podcast, and other specialized advance audio work. (Prerequisite: COMM285) Spring odd years.

COMM387. Documentary Filmmaking (3).

This course provides a survey of the history, theory and operation of the documentary film genre. Through film screenings and discussions, explorations of technique and technology students will gain a greater appreciation for the wide-reaching film genre. (Prerequisites: COMM110 and COMM210). Spring even years, rotating with COMM388-Fiction Filmmaking.

COMM388. Fiction Filmmaking (3).

This course aims to expose students to a variety of fiction filmmaking styles and theoretical application. Students will put study fiction method into practice by interacting with equipment and software to create unique short films. (Prerequisites: COMM210 and COMM319). Spring even years, rotating with COMM387 Documentary Filmmaking.

COMM390. BFA Career Workshop (3).

This course gives students an opportunity to develop their career goals and building necessary portfolio material required for professional work in filmmaking. Students will complete a film reel, project press kit and online digital media portfolio. (Prerequisites: COMM387 and COMM388). Fall.

COMM399. Professional Internship (1-12).

Fall, Spring, May and Summer (May Term offering limited to 4 credit hours; Summer Term offering limited to 6 credit hours).

COMM416. Topics in Communication Arts (3).

Examination of a particular topic of interest to faculty and students in COMM Arts. (Prerequisites: CCC102). Offered as needed.

COMM422. Capstone: Experience in COMM Arts (3).

The goal of this course is to provide students with an opportunity to do an independent professional project or research project in media studies or public relations. Students will learn to choose and guide their own individual projects with minimal supervision.. (Prerequisites: COMM308). Spring, different sections for each major.

COMM451. Independent Study (1-3).

Supervised reading and research in a special interest area of argumentation and advocacy or mass mediated communication. (Prerequisite: permission of department and instructor's approval of a written proposal that is submitted to the department prior to registration for the course). Fall, Spring, May and Summer.

COMM499. Advanced Experimental Course (1-3).

Courses in Computer Science (CS)

CS100. Internet History, Technology, and Security (3).

This course will explain the Internet and how it works. It introduces students to the important technological issues currently facing society. Topics include history of Internet including commercialization and growth, computer generations, Internet and packets, transport control protocol, application protocols, security, and Web security. This course is great lead into Web design, Web development, programming, or even network administration. *(Students cannot take CS100 and CS101 for credits towards a Computer Science minor or major. CS100 does not substitute for CS101).*

CS101. Introduction to Computer Science (3).

This course gives students a broad look at Computer Science from both software and hardware perspectives. It introduces topics on the Internet as a global information infrastructure, computer networks, Internet browsing tools, HTML, data structures, algorithm problem solving, overview of computer organization, number systems, switching algebra, logic gates, security, and computing ethics and society. The course will cover theoretical and practical concepts. Students will develop basic projects.

(Students cannot take CS100 and CS101 for credits towards a Computer Science minor or major).

CS103. Programming for Everyone I (3).

This course aims to teach students the basics of programming using Python. It covers the basics of how one constructs a program from a series of simple instructions in Python. This course will introduce the core syntax, commands, and data structures of the Python programming language. Topics include built-in data structures such as lists, dictionaries, and tuples to perform data analysis.

CS104. Programming for Everyone II (3).

This course introduces students to the fundamentals of data access, data management, and expands upon the topics learned in CS103. Students will work with different data formats (HTML, XML, and JSON), and be introduced to the fundamentals of Structured Query Language and database design as part of a multi-step data gathering, analysis and processing effort. As part of the course, students will build Web crawlers and multi-step data gathering and visualization processes. (Prerequisite: CS103).

CS110. Web Development (3).

Web Development introduces students to HTML, CSS, and JavaScript- the core technologies which power modern websites. Students will learn how to create interactive, aesthetically pleasing websites for a variety of purposes. This course culminates with a project in which students will build a website for a real or imaginary product of their choosing. (Prerequisite: CS103).

CS151. Introduction to Games (3).

Games sit at the intersection of technology, art, and culture, so success within the games industry requires you to understand all three. This course explores why we love games, what role they play in society, and the industry that produces them. You'll also learn the basics of game development. This course was developed in partnership with Unity and the IGDA to help everyone interested in the games industry start on the right foot.

CS199. Exploratory Internship (1-3).

Fall, Spring, May and Summer.

Course Descriptions

CS203. Introduction to C (3).

This course introduces students to the techniques used to program in C and the necessary concepts required to understand how higher-level programming languages are developed. The concepts introduced here will help students develop inherent understanding of how computers turn high-level code into ones and zeros and help students build more efficient programs. (Prerequisites: CS104).

CS221. Introduction to Information Technology Systems (3).

Information Technology continues to be one of the most important topics in the modern workforce. This course will introduce you to the fundamentals of the field and teach you a range of valuable professional skills, including how to set up operating systems, how to troubleshoot problems, and how to build a computer. By the end of this course, you'll be prepared to take your next steps in IT and start solving technology problems on your own. (Prerequisite: CS100 or CS101)

CS222. Microprocessors (3).

This course is intended as an introduction to computer hardware and builds upon topics learned in CS203. It covers the techniques used to design and build microprocessors, memory, and other elements of modern-day hardware. Students will learn the fundamentals of machine language and assembly language. Students will also analyze the C compiler and learn how it produces the necessary strings of ones and zeros that will run on the hardware. (Prerequisites: CS203 and MATH135).

CS224. Networking Technologies and Telecommunications (3).

Whether a workplace is just a few people connected to a wireless router, or a financial giant, wired directly into the Nasdaq, it likely relies heavily on Network Technologies. This course will teach you how networks work, and how to set up and secure them. By the end of this course, you will be able to manage and maintain a range of different network types. (Prerequisite: CS221)

CS241. Cloud Computing Foundations (3).

This course will introduce students to the fundamentals of Cloud Computing, Infrastructure and Networking, and will explore how the cloud is used in a range of situations, including IT, App Development and Machine Learning. By the end of the course, students will know what the cloud is,

and how to use it effectively. This course uses the Google Cloud Platform (GCP) and was built in concert with the Google Cloud Learning Services team. (Prerequisite: CS104)

CS242. Data Structures (3).

This course will introduce students to the fundamentals of data structures. Students will learn what a data structure is, how to perform a range of operations on them and be introduced to the study of algorithms as it pertains to the covered data structures. Topics include linked lists, arrays, stack, queue, tree, graph, heap, hash, and the subsequent operations on the data structures such as adding elements, removing elements, searching for an element. (Prerequisite: CS104)

CS251. Content & Systems Design (3).

If you've ever enjoyed the experience of playing a video game, you've had a first-hand lesson in how important content and systems design are. The experience of a game is driven by four major components: content, systems, narrative, and user experience. This class will help you learn to design all four components and build a deeper understanding of the game development process and an introduction to concepts in scripting. (Prerequisite: CS151)

CS271. Foundations of Data Analytics I (3).

In an increasingly data-driven world, everyone should be able to understand the numbers that govern our lives. Whether or not you want to work as a data analyst, being "data literate" will help you in your chosen field. In this course, you'll learn the core concepts of inference and data analysis by working with real data. By the end of the term, you'll be able to analyze large datasets and present your results.

CS272. Foundations of Data Analytics II (3).

This course is intended as a continuation of Foundations of Data Analytics I. In this course, you'll learn how Data Analytics are applied within the workforce. Particular attention will be paid to the role of the Data Scientist or Analyst, machine learning and the applications of Big Data. By the end of the term, you will be able to design and execute a range of data driven experiments. (Prerequisite: CS271)

Course Descriptions

CS283. PostgreSQL (3).

Whether a workplace is just a few people connected to a wireless router, or a financial giant, wired directly into the Nasdaq, it likely relies heavily on Network Technologies. This course will teach you how networks work, and how to set up, and secure them. By the end of this course, you will be able to manage and maintain a range of different network types. (Prerequisite: CS104)

CS299. Experimental Course (1-3).

CS300. Special Topics in Computer Science (3).

This course covers new advanced areas in Computer Science not covered in any previous course in the program. It may be repeated with a different topic. (Prerequisite: Junior Standing).

CS302. C# Programming (3).

C# is a modern, general-purpose, object-oriented programming language with a range of uses, most notably creating desktop applications, web applications, web services and building games using the Unity engine. This course is intended to give students a working knowledge of the C# (v8.0) programming language and the .NET framework, as well as an understanding of C#'s application to the Unity Game Development Engine. (Prerequisite: CS242)

CS311. Application Development I (3).

This is the first course in the Application Development series. It explores Web application and introduces Django- a Python-based framework used in the creation of complex data-driven websites. Students will learn the features and particularities of Django, as well as the basics of Web applications including HTML, the Request-Response structure, database management, and the internal structure of servers. In addition to data structures and modules in Python. (Prerequisite: CS104).

CS312. Application Development II (3).

This course is the second course in the Application Development series, students will build a Web application to post classified ads, plan and build their own unique Web application. The course heavily emphasizes project-based learning. (Prerequisite: CS311).

CS323. Computer Organization and Architecture (4).

This course covers the fundamental knowledge areas of computer organization and architecture. Topics include data representation, basic digital logic circuits, memory types and hierarchies, I/O and storage devices, CPU architectures such as RISC, CISC, parallel and multi-core. Three hours of lectures, two hours of laboratory work per week. (Prerequisite: CS104 and CS242).

CS324. Operating Systems and Computer Networks (4).

The course introduces the fundamental concepts of operating systems and computer networks. Operating systems' topics include, operating systems operations, resource management, inter-process communications, security and protection, and distributed systems. Computer Networks' topics include, OSI model, TCP/IP model, network topologies, LANs, WANs, client-server systems, protocols, network management, IP addressing, Internet routing algorithms. Three hours of lectures, two hours of laboratory work per week. (Prerequisite: CS323).

CS325. Operating Systems (3)

The course covers basic operating systems elements: management of processes and threads, concurrent execution of processes and threads, process synchronization, process communication, deadlock concepts and synchronization basics. The course also covers memory management and protection as well as file systems. Two hours lectures and two hours of laboratory work per week. (Prerequisites: CS341, CS323; Corequisite: CS326)

CS326 Computer Networks (3).

The course covers the following topics: fundamentals of networking systems, network architectures, OSI model, elementary functions of protocols. The course presents protocols such TCP/IP, UDP, Ethernet, WiFi, VLANs as appropriate. Elementary functions such as error detection, lost and duplicate detection, synchronization, flow control, and retransmission control are presented. Parallel and distributed systems are analyzed in terms of communication needs and performance. Two hours lectures and two hours of laboratory work per week. (Prerequisite: CS341; Corequisite: CS325) .

Course Descriptions

CS327 Network Security (3).

The course focuses on security issues while exchanging information between two parties. Authentication, authorization, and access control topics are covered. Data security and network security features are also discussed. Other topics such as firewalls, public key infrastructure, security standards and protocols, VPNs, and wireless network security are also discussed. (Prerequisite: CS326)

CS341. Algorithms Analysis and Design (3).

The course explores algorithms analysis in terms of time complexity and memory (space) complexity. The estimation of the complexity of algorithms will be presented. Polynomial vs NP complete algorithms will be discussed. Algorithm design will be covered as design paradigms, brute force, divide and conquer algorithms, dynamic programming algorithms, greedy algorithms, graph searching and traversal. (Prerequisites: CS242 and MATH135)

CS343 Linear Programming and Graph Theory (3)

The course studies the Simplex algorithm in linear programming and optimization and introduces elements of graph theory. The course covers the study of graphs, trees and networks, Hamilton paths, cycles, shortest path algorithm, min cut max flow algorithm. (Prerequisite: MATH303)

CS345 Queuing Systems (3)

This course introduces the analysis of complex systems with queueing networks. The two types of queueing networks will be presented: Jackson queue networks and closed networks. The course also covers the following topics: Markov processes, birth-death process, product form queueing networks. (Prerequisite: MATH303)

CS349. Cloud Applications Practicum (3)

Software engineers are frequently tasked with building applications using unfamiliar elements. This course will ask you to build an application using the Google Cloud Platform and one or more unfamiliar technologies or tools you select. By the end of this course, you will learn how to tackle unfamiliar situations, a key skill for any programmer, and improve your skills in programming and software development. This course will provide you with a project to add to your portfolio of work. (Prerequisite: CS241, CS242, and CS312)

CS353. Unity I: Working with Unity (3).

The Unity engine powers nearly 50% of all games and nearly 75% of mobile games. This course, built in collaboration with Unity and the IGDA, will introduce you to developing games in Unity. By the end of this course, you'll learn how to build a fully functioning game within the Unity system, including all key elements. (Prerequisite: CS251)

CS355W. Writing for Computer Science (3) (WRITING INTENSIVE)

Students will practice professional writing in Computer Science and learn the different software engineering processes. Students will develop a software application and apply different forms of writing. This involves learning to combine text and graphics to explain in writing. Students will learn how to conduct proper research to write a well-structured and formatted research paper. In addition, students will practice informal writing, work in group setting and develop presentation skills. (Prerequisites: CS104 and CCC101)

CS371. Principles and Techniques of Data Analytics I (3).

Data Analytics combines data, computation and inferential thinking to solve challenging problems and understand their intricacies. This class explores key principles and techniques of data science, and teaches students how to create informative data visualizations. It also explores particular concepts of Linear Algebra which are central to Data Science. (Prerequisites: CS104, CS272, MATH135, MATH204)

CS372. Principles and Techniques of Data Analytics II (3).

This course builds on Principles and Techniques of Data Analytics I to provide students with a more robust understanding of the tools of a Data Scientist. This class explores key principles and techniques of data science, including quantitative critical thinking and algorithms for machine learning methods. It will also introduce students to the ways in which data analytics is deployed in healthcare, marketing, political science, criminal justice, and other fields. (Prerequisite: CS371)

Course Descriptions

CS380 Database Design (3)

This course covers data modeling with the Entity-Relationship model and introduces the relations algebra and its operators.

The student will learn about the integrity constraints, how to translate an Entity-Relationship model into a relational model,

functional dependencies, normal forms and normalization algorithms. The SQL language is introduced as a data definition language and a data query language.

(Prerequisites: CS242)

CS381. Database Management Systems (3).

This course introduces relational database management systems and the mechanisms used to manage databases.

The course covers transactions processing, index structures, security, concurrency control, crash recovery.

(Prerequisite: CS380)

CS399. Professional Internship (1-6).

The professional internship will provide an opportunity for students to develop job related skills and bring them in contact with professionals in the field. The internship should be through the Institute for Career Planning and approved by the Department Chair. Students will make a formal presentation to the department. (Prerequisite: Junior or Senior standing and Department Chair approval required).

CS400. Advanced Topics in Computer Science (3).

This course covers new advanced areas in Computer Science not covered in any previous course in the program.

This course may be repeated with a different topic.

(Prerequisite: Senior standing).

CS401. Theory of Computation (3).

This course introduces the theory of computation through a set of abstract machines- finite automata, pushdown automata, and Turing machines- and examines the

relationship between these automata and formal languages.

(Prerequisite: CS341 and MATH216).

CS403. Parallel and Distributed Computing (3).

This course will introduce parallel and distributed computing. It covers a broad range of topics related to parallel and distributed computing, including architectures and systems, programming paradigms, algorithms, and other applications of parallel and distributed computing.

(Prerequisites: CS326, CS325, and CS341)).

CS405 Object-oriented Design (3)

The course provides object-oriented techniques and concepts such as classes, interfaces, encapsulation and inheritance,

polymorphism, operator overloading. The students will be presented with some design patterns. The course also covers

software design methodologies using UML diagrams.

(Prerequisite CS341)

CS406 Programming Paradigms (3)

The course provides insights on programming concepts and underlying design principles. The following paradigms will be presented and discussed: procedural sequential, functional, object-oriented, and logic paradigms.

(Prerequisites: CS405 and CS380)

CS411. Product Development (3).

In this course, students will learn the roles and frameworks of product development. Students will engage in a range of activities primarily focused on product management- including wire framing, creating user journeys, and writing requirements. (Prerequisite: Junior standing).

CS421. Information Security and Data Protection (3).

Imagine a world where people were trying to steal from every home, workplace or bank – all the time. That’s the world of digital security. Because it’s cheap to launch attacks on every system you can find, virtually every organization and individual is always under some level of digital attack. This course will teach you how to help defend against this constant assault and keep valuable information and critical systems safe. (Prerequisites: CS104 and CS324)

CS429. Information Technology Capstone (3).

In previous courses you’ve learned how to solve problems as they occur, and how to address the various components that make up an organization’s IT ecosystem. This course will put it all together. You’ll learn how to solve systemic problems across all layers of an organization and guide transformational change. By the end of this course, not only will you know how to solve IT problems as they arise, you’ll be able to prevent those problems from happening in the future. (Prerequisites: CS421, MGMT342, and Senior Standing)

Course Descriptions

CS451. Independent Study (1-3).

Supervised reading and research in a special interest area of Computer Science. (Prerequisite: permission of department and instructor's approval of a written proposal that is submitted to the department prior to registration for the course). Fall, Spring, May and Summer.

CS452. Software Engineering (3)

The course introduces the fundamental and general technique concepts in software engineering. Topics include software process structure, process models, agile development, requirements, design, implementation, validation, testing, maintenance, documentation, and security engineering. Students will work on group projects. (Prerequisites: CS405 and CS380)

CS453. Unity II: Advanced Unity Programming (3)

This course, built in collaboration with Unity, is intended to provide students with the knowledge to bring their mastery of the Unity game engine and C# programming up to a professional standard. Students will learn how to perform a range of vital code-based tasks within the Unity platform, and will grow their skills in building core gameplay functionality. Upon successful completion, students will be prepared to sit for the Unity Certified Programmer exam. (Prerequisite: CS353)

CS459. Capstone Project: Building a Game (3).

This course is intended as a culmination of all a student's work in the Unity Game Development major. Students will work in groups to build a game in the unity engine that uses real-time 2D or 3D visuals and showcases their understanding of the core principles of game design. Students will pitch their game, design, prototype, build and test their game. Students will be evaluated based on the quality of their game, and their internal project management processes. (Prerequisites: CS341 and CS453)

CS463. Cryptography (3).

This course will introduce students to cryptography and data security. Topics include stream ciphers, data encryption standard (DES) and alternatives, advanced encryption standard (AES), block ciphers, public key cryptography, RSA cryptosystems, digital signatures, and hash function. (Prerequisite: MATH216, MATH303, CS326, and CS341).

CS465 Digital Forensics (3)

The course covers computer forensics based on the features that are available in current operating systems. It introduces the scope of digital forensics, the file system in Window operating system, evidence acquisition, network forensics and incident response, forensics for mobile platforms, forensics in images and photographs, coverage of other operating systems such as MacOS and Linux, and emergent technologies (IoT). (Prerequisites: CS325, CS326, CS327)

CS473. Artificial Intelligence (3).

This course provides students with the fundamental knowledge for understanding Artificial Intelligence. Topics include intelligent agents, knowledge-based and search-based methods for problem solving and inferences, pattern recognition, fuzzy logic, and neural networks. (Prerequisites: MATH303, MATH304, CS341).

CS474 Artificial Neural Networks (3)

The course introduces the concepts of artificial neural networks and their use in solving pattern recognition problems. The course covers the topics of networks architectures, network parameterization, activation functions, artificial neuron models, Boltzmann machine neural network, convolutional neural network, learning algorithms. The course will also discuss the evolution of the architecture from learning to deep learning. (Prerequisite: MATH303)

CS475 Digital Image Processing (3)

The course introduces spatial operators and frequency operators used to process digital images. Processing techniques include image enhancement and restoration, image representation, sampling, quantization. The course also introduces image analysis and object recognition. (Prerequisites: MATH303)

CS476. Machine Learning (3).

This course provides the foundations of machine learning. The course covers the topics of supervised learning (artificial neural networks, support vector machines), unsupervised learning (clustering, kernel methods), reinforcement learning, and ensemble methods. (Prerequisite: MATH303, MATH304, CS341)

CS477 Clustering and Classification (3)

The course introduces the students to a variety of algorithms and methods of clustering and classification. The focus will be put on the study of the expectation maximization, K nearest neighbors, K means, C means, and fuzzy C means. (Prerequisite: MATH303)

CS478 Computer Vision (3)

The course introduces elements of computer vision such as camera models, multiview geometry, low-level vision (including some image processing algorithms), high-level vision (object detection, object recognition, 3D queues). (Prerequisites: MATH303 and CS475)

CS479. Data Analytics Practicum (3).

This course is a capstone project in which students are asked to work through a full data science workflow on a set of real data drawn from sports, politics, business or public health. This course exists to prepare students for the kind of work they will do on Data Science or Analytics teams, and as such, also features an emphasis on interviewing for jobs in the space and communicating results to stakeholders. (Prerequisites: CS242, CS372, and Senior Standing)

CS490. Capstone Project (3).

Independent project on a Computer Science problem topic approved by the department, and under the supervision of a Computer Science department faculty member. The students will carry out research on the topic, develop, design, and implement a programming solution. By the end of this course, students will submit a well-written report, the code, and presentation. Other topics covered in this course include computing ethics and impact on society of computing Technology. (Prerequisite: Senior standing, Completion of core courses in the major, Department approval required)

CS491. Computer Science Practicum (3).

Students will work in groups to launch a web app prototype. The project should use database concepts, data structures and algorithms, and meets faculty approval. Students will pitch their product, select the necessary technologies, work in groups to build an application, and create a webpage from which the application can be accessed. Students will be evaluated based on whether their product meetings the goals they initially established, and on their internal project management processes. (Prerequisite: Senior standing).

CS499. Advanced Experimental Course (1-3).

Courses in Critical Communication Competencies (CCC)

CCC100. Introduction to College Writing (3)

Introduces students to writing strategies appropriate for a variety of academic, professional, and personal contexts.

CCC101. College Writing and Inquiry (3).

CCC101 provides foundational knowledge and practice in communication proficiency and information literacy. The primary focus of the course is the writing and research process. Fall, Spring.

CCC102. Public Speaking (3).

CCC102 builds on communication proficiency and information literacy skills developed in CCC101. The primary focus of the course is public speaking and the research process. (Prerequisite: CCC101). Fall, Spring.

Courses in Cybersecurity Management (CYM)

CYM170. Introduction to Cybersecurity (3).

In today's world, no one is safe from cyber-attacks, but everyone can be prepared. This course will teach you how malicious actors use social skills and technology to facilitate cyber-attacks and provide you with the tools and information you need to defend against those attacks. Whether you pursue one of the many available jobs in cybersecurity or just want to secure your own privacy, you will learn how to make the internet safer.

CYM270. Cybercrime and Governance (3).

Cybercrime is one of the biggest threats companies face on a daily basis, and they are constantly looking for new hires to help protect them. In this course, you will get a firsthand look at the methods used to commit cybercrimes. You will also learn how governments detect, investigate, and stop these crimes, and become familiar with the laws and policies in place to deter cybercriminals. (Prerequisite: CYM170)

Course Descriptions

CYM370. Modern Cybersecurity (3).

Just as technology is constantly evolving, so too must cybersecurity to keep pace with changing trends. In this class, you will learn about the changing landscape of cybersecurity, emerging technologies that are likely to be targeted, and new forms of cyber-attack being launched. By the end of the course, you will be able to implement the most up-to-date practices in cybersecurity in order to protect against attacks. (Prerequisite: CYM170)

CYM371. Network and Systems Security (3).

Modern organizations know that even the strongest systems can be vulnerable to cyber-attacks. As a result, jobs in cybersecurity are rapidly expanding as companies look to secure their digital assets. This course will teach you how to secure those assets by identifying and fixing potential security vulnerabilities. By the end of the course, you will be able to identify and remedy common network and systems vulnerabilities. (Prerequisite: CYM170)

CYM372. Cyber Forensics (3)

When cybercrimes do happen, you need to know how to respond. This course examines the tools and techniques used to perform cyber forensics and conduct investigations into cybercrimes. By the end of the course, you'll be able to gather and analyze important digital evidence and gain skills in analyzing cybercrime that are in demand from companies across the country. (Prerequisite: CYM270)

CYM470. Capstone: Ethical Hacking (3).

To stop a hacker, you need to be able to think like a hacker. In this course, you will learn hands-on techniques for attacking and penetrating networks and systems. You will be prepped with tools to launch these offensive tactics, and then complete a hands-on project where they are asked to ethically hack a real system. (Prerequisite: CYM371)

Courses in Dance (DANC)

To fulfill the Arts general distribution requirements using dance courses, students must complete 3 hours in dance.

DANC100. Dance Fundamentals (1) (ARTS).

Introduction to dance as a performing art, focusing on the Western European dance forms of classical ballet, jazz, and modern. Emphasis on alignment and basic movement vocabulary. Designed for students with little or no experience.

DANC110. Modern I (1) (ARTS).

A study of basic techniques in modern dance. Fundamental warm up exercises are taught, followed by center practice

and combinations of dance steps. (Prerequisite: DANC100). Fall of odd years.

DANC120. Jazz Dance I (1) (ARTS).

Study of basic techniques in jazz dance. Fundamental warm up exercises are taught, followed by center practice and combinations of dance steps. (Prerequisite: DANC100). Spring of odd years.

DANC130. Ballet I (1) (ARTS).

Study of basic techniques in ballet. Fundamental ballet exercises are taught at the barre, followed by center practice and combinations of dance steps. (Prerequisite: DANC100). Fall of even years.

DANC140. Tap I (1) (ARTS).

Fundamentals of tap dance. Students must provide their own tap shoes. (Prerequisite: DANC100). Spring of even years.

DANC150. Dance Workshop I (1).

Explores various dance styles through the preparation and performance of solo and group dance. This course provides practical experience and develops skills for performances and auditions. (Prerequisite: one previous DANC course). Spring.

DANC199. Exploratory Internship (1-3).

DANC200. Musical Theatre Dance (1) (ARTS).

Musical theatre choreography and techniques with emphasis on original Broadway choreography and dance routines original to Broadway-style music. (Prerequisite: DANC100). Spring of odd years.

DANC210. Modern II (1) (ARTS).

Study of techniques in modern dance at the intermediate level. Increased complexity of warm up exercises are taught, followed by center practice and combinations of dance steps. (Prerequisite: DANC110). Spring of even years.

DANC220. Jazz Dance II (1) (ARTS).

Study of techniques in Jazz dance at the intermediate level. Increased complexity of warm up and center practice will focus on increasing strength and flexibility building on the basics introduced in Jazz Dance I. (Prerequisite: DANC120). Fall of odd years.

DANC230. Ballet II (1) (ARTS).

Study of techniques in ballet at the intermediate level. Increased complexity of ballet exercises are taught at the barre, followed by center practice and combinations of dance steps. (Prerequisite: DANC130). Spring of odd years.

Course Descriptions

DANC299. Experimental Course (1-3).

DANC240. Tap II (1) (ARTS).

Study of techniques in tap dance at the intermediate level. Increased complexity of tap exercises with rhythm are taught. Students are expected to provide their own shoes. (Prerequisite: DANC140). Fall of even years.

DANC250. Dance Workshop II (1).

Explores various dance styles through the preparation and performance of solo and group dance. This course provides practical experience and develops skills for performances and auditions. (Prerequisite: DANC150). Spring.

DANC290. Mechanics of Movement for Dancers (3).

Focusing on human skeletal and muscular anatomy and its relationship to movement skills and postural alignment, the course will analyze gravity and its effect on posture and muscular function. Additionally, the course examines the principles of alignment, conditioning, and injury prevention. (Prerequisite: DANC100). Fall of even years.

DANC320. Jazz Dance III (2) (ARTS).

Study of techniques in Jazz dance at the advanced level. Students improve their dance technique, dynamic, spatial and performance skills. Syncopation, improvisation, phrasing and complex movement combinations are emphasized building on the techniques introduced in Jazz Dance I and II. Students will analyze and critique dance technique and choreography. (Prerequisite: DANC220). Spring of even years.

DANC330. Ballet III (2) (ARTS).

Study of techniques in ballet dance at the advanced level. Students improve their dance technique, alignment, dynamic, spatial, musical, and performance skills. Students will analyze and critique dance technique and choreography. (Prerequisite: DANC230). Fall of odd years.

DANC350. Dance Workshop III (1).

Explores various dance styles through the preparation and performance of solo and group dance. Emphasis on choreographic skills. This course provides practical experience and develops skills for performances and auditions. (Prerequisite: DANC250). Spring.

DANC360. Musical Theatre Dance Composition & Choreography (2).

Through Musical theatre repertoire, the performer will examine the structure of stage choreography through dance theme, construction of dances and small group studies. Aesthetic considerations, forms, and elements of

performance with an emphasis on showmanship. (Prerequisite DANC200). Fall of odd years.

DANC370. Dance Composition & Choreography (2).

Selection of dance theme, construction of dances and small group studies. Aesthetic considerations, forms, and elements of performance. (Prerequisite: DANC220 or DANC230). Spring of even years.

DANC380. Western Dance History (3) (ARTS).

A survey of Western dance from 15th century European court dance to the present. Explores the origins of theatrical dance forms, from the development of ballet, the revolutions of Modern Dance, to contemporary choreographic innovators and performance practices. (Prerequisite: Must have successfully passed any Writing Intensive course). Spring of odd years.

DANC399. Professional Internship (1-12).

(May Term limited to 4 credit hours; Summer Term limited to 6 credit hours).

DANC451. Independent Study (1-3).

Supervised reading and research in a special interest area of dance. (Prerequisite: department permission and instructor's approval of a written proposal that is submitted to the department prior to registration for the course). Fall, Spring, May and Summer.

DANC499. Advanced Experimental Course (1-3).

Courses in Economics (ECON)

ECON199. Exploratory Internship (1-3).

ECON201. Principles of Microeconomics (3) (SOCIAL SCIENCE).

Introductory microeconomic theory emphasizes the central goal of microeconomics: efficient decision-making choices involving scarcity. The topics of markets, demand-supply relationships, role of government, choices made by consumers and firms, market structure, and factor markets are included. The lives and works of important economists are also studied. Open to freshmen; may be taken before or after ECON202. Fall, Spring.

ECON202. Principles of Macroeconomics (3) (SOCIAL SCIENCE).

This course emphasizes economic stability and covers an introduction to economics and key concepts in macroeconomics including GDP, growth, unemployment, inflation, business cycles, money and banking system, monetary policy and fiscal policy. (Prerequisite: MATH101

Course Descriptions

or Math Placement Examination). Open to freshmen; may be taken before or after ECON201. Fall, Spring.

ECON223. Economics of Developing Countries (3) **(SOCIAL SCIENCE, NON-WESTERN).**

Economic conditions of developing countries and causes of their slow growth, including a survey of the theories of economic development. The topics of the relationship of developing countries with developed countries, and with various international agencies such as the United Nations and the World Bank are included. Open to freshmen. Fall

ECON299. Experimental Course (1-3).

ECON301. Economics of Money & Banking (3).

Definition and role of money in the economy: classical, Keynesian and modern views will be covered. Brief discussion of how banking system creates money. Role and management of money in an international context. (Prerequisite: ECON202).

ECON303. Quantitative Methods in Economics (3).

The course focuses on the basic mathematical and statistical concepts used in economic analysis, including various ways economic information can be graphed to show issues such as income and wealth distribution. The graphical analysis discussed in the two Principles courses will be covered in greater depth with added variables. (Prerequisites: ECON201 and ECON202).

ECON305. Political Economy (3).

Analysis of government from an economic perspective through the lens of public choice theory, with emphasis on rent-seeking behavior, market distorting effects of government regulation and inefficiencies in collective decision-making. Students who have taken PSCI 305 may not take this course for credit. (Prerequisite: one prior PSCI or ECON course). Offered as needed

ECON310. Public Finance (3).

Topics include principles of fiscal development, countercyclical effectiveness of fiscal measures, budgeting, revenue generation and public expenditures, debt structure and management, and the incidence and effects of taxation. A fully developed flow chart model is used to trace the relationship between public finance and macroeconomic ideas. (Prerequisites: ECON201 and ECON202).

ECON311. Topics in Economics (1-4).

Special topics including but not limited to the economics of social welfare, contemporary economic issues and the economics of ethnic groups. Offered occasionally.

ECON315. Globalization (3).

The structure and effects of global economic, political, and cultural integration, and the mechanisms of international governance. Students who have taken PSCI 315 may not take this course for credit. (Prerequisite: one prior PSCI or ECON course). Offered as needed.

ECON317. Collective Bargaining & Labor Problems (3).

Economic factors involved in labor analysis and an examination of the topics of labor unrest, labor and management organizations and recent developments in labor relations. The course begins with a history of the labor movement and concludes with a consideration of modern labor legislation. (Prerequisites: ECON201 and ECON202).

ECON319. International Economics (3).

Topics include the balance of payments, comparative costs, general equilibrium theory, price elasticity, income absorption combined approaches to currency revaluation and devaluation problems, foreign exchange problems, and international trade and finance policy considerations. A fully developed flow chart model is used to trace the relationship between international trade and macroeconomic ideas. (Prerequisites: ECON201 and ECON202).

ECON320. Intermediate Macroeconomics (3).

Aggregate economic theory of consumption, investment, savings, money, interest, price level and economic growth, and fluctuations of national income and employment. The course thoroughly investigates Keynesian and Classical economic ideas related to macroeconomic stability of a country. A fully developed flow chart model is used to develop major macroeconomic ideas. (Prerequisite: ECON202).

ECON321. Intermediate Microeconomics (3).

The focus of the course is efficient resource allocation using advanced analytical economic tools. Topics include price and market analysis, allocation of resources, theory of consumer preferences, general equilibrium and welfare economics, and distribution of income. (Prerequisites: ECON201 and ECON202) Fall of odd years.

ECON322. Econometrics (3).

The construction of economic models using mathematical techniques for the purpose of testing economic theory empirically and forecasting economic events. (Prerequisites: ECON320, ECON321 and MATH204).

ECON325. Behavioral Economics (3).

Course Descriptions

The study of emotional, cognitive, and psychological influences on decision making. Incorporates results from psychology to gain deeper insight into economic behavior, to make better predictions, and to generate improved policy decisions. (Prerequisite: ECON201).

ECON399. Professional Internship (1-12).

ECON401. Capstone: Senior Research (2).

Independent study on an economic topic approved by the department, requiring preparation of a well-researched paper, under the supervision of an economics department faculty member. For economics majors only. (Prerequisite: senior status or permission of department).

ECON451. Independent Study (1-3).

Intensive study on an economic topic approved by the department, requiring preparation of a well-researched paper, under the supervision of an economics department faculty member. In addition, a number of current economics concepts will also be covered to prepare the economics student for professional work. For ECON minors only. Offered as needed.

ECON499. Advanced Experimental Course (1-3).

Courses in English (ENGL)

ENGL102. Human Textuality: Introduction to English Studies (3) (HUMANITIES).

An exploration of the way texts shape and respond to human activity and meaning in the world. Students will learn how literature and writing intersect, and how they can apply that knowledge in their academic, professional, personal, and public lives. Fall.

ENGL151. Publications Activities (1).

Basics of writing, editing, and producing student publications, both print and online, including the student newspaper and literary magazine. Cross-listed with JRNL151. Open to all students. Course may be repeated up to 3 times.

ENGL199. Exploratory Internship (1-3).

ENGL201. Persuasive Writing (3) (WRITING INTENSIVE).

Study-practice of writing and analyzing arguments across disciplines in order to understand and respond to knowledge claims from a range of sources. Emphasis on reasoning, information literacy, and rhetorical strategies of persuasive

argumentation. (Prerequisite: a grade of C or better in CCC101 or equivalent transfer course credit). Fall, Spring

ENGL203. Creative Writing (3) (HUMANITIES).

The writing of poetry, fiction, or plays at an introductory level. The course offers coaching about craft issues and includes study of professional texts. Course will include small-group workshops and conferences with instructor. (Prerequisite: a grade of C or better in CCC101 or equivalent transfer course credit). Fall, Spring.

ENGL208. Introduction to British Literature (3) (Humanities)

A broad selection of British Literary works from the Middle Ages to the present. Students will explore a range of genres and influential authors in historical context. Open to first-year students. Fall

ENGL210. Introduction to American Literature (3) (HUMANITIES).

A broad selection of American Literary works from the Native American Oral Literature to the present. Students will explore a range of genres and influential authors in historical context. Open to first-year students. Spring.

ENGL231. Issues in Writing Studies (3).

An introduction to the theories and issues of writing studies, including rhetoric, language, literacy, and professional writing. (Prerequisite: a grade of C or better in CCC101 or equivalent transfer course credit). Offered as needed.

ENGL240. Special Topics in Writing (3).

An exploration of different topics in writing studies. (Prerequisite: a grade of C or better in CCC101 or equivalent transfer course credit). Offered as needed.

ENGL250. Special Topics in Literature (3) (HUMANITIES).

A study of literature and cultural contexts designed around a theme or topic. The course will have significant writing and research components. Open to first-year students. Offered as needed.

ENGL255. Studies in Non-Western Literature (3) (HUMANITIES, NON-WESTERN).

Literary works outside the traditions of European and American literature. The works studied may vary greatly from year to year. Open to first-year students. Offered as needed.

ENGL285. Literature in Focus (1-2).

A reading and discussion course typically concentrating on one long work of literature, such as Tom Jones,

Course Descriptions

Middlemarch or Ulysses. May be taken four times with different subjects. Open to first-year students. Offered as needed.

ENGL299. Experimental Course (1-3).

ENGL303. Advanced Writing (3).

Advanced writing experience and study focusing on the genre of creative nonfiction and professional texts. Students revise toward professional-level performance. Includes small group writing workshops and conferences with instructor. (Prerequisites: ENGL203 and one additional 200-level ENGL or JRNL course). Offered as needed.

ENGL304. Advanced Creative Writing: Poetry (3).

Advanced writing experience focusing on poetry. Includes coaching, writing experience and the study of professional texts. Students will revise toward professional-level performance. Includes small-group writing workshops and conferences with instructor. (Prerequisite: ENGL203). Offered as needed.

ENGL305. Advanced Creative Writing: Fiction (3).

Advanced writing experience focusing on fiction. Includes coaching, writing experience and the study of professional texts. Students will revise toward professional-level performance. Includes small-group writing workshops and conferences with instructor. (Prerequisite: ENGL203). Offered as needed.

ENGL306. Advanced Creative Writing: Drama (3).

Advanced writing experience focusing on drama. Includes coaching, writing experience and the study of professional texts. Students will revise toward professional-level performance. Includes small-group writing workshops and conferences with instructor. (Prerequisite: ENGL203). Offered as needed.

ENGL310. Teaching Writing (3).

For K-12+ prospective teachers of English. Study of teaching philosophies and methods in the field of writing. Includes experience working with students from local schools, writing workshops, and individual conferences with instructor. (Prerequisite: ENGL231 or ENGL332). Fall.

ENGL330. Advanced Topics in Literature (3).

An advanced study of literature and cultural contexts designed around a theme or topic. The course will have significant writing and research components. May be repeated. (Prerequisite: a grade of C or better in any 200-level English literature course). Offered as needed.

ENGL332. English Language (3).

A study of the form, structure and history of English. Topics may include grammar, syntax, language acquisition, sound and structure changes, the influence of migration and the political implications of language. (Prerequisite: ENGL231). Spring.

ENGL352. Shakespeare (3).

A selection of Shakespeare's plays including comedies, tragedies, histories and or romances. (Prerequisite: a grade of C or better in any 200-level ENGL literature course). Offered as needed.

ENGL358. Intermediate Studies in British Literature (3). (Humanities)

Why is literature important? How does it shape our world? Through an in-depth exploration of British literature in historical context, students will pursue a focused study of significant works, genres, or movements. May be repeated. (Prerequisite: a grade of C or better in any 200-level English literature course). Spring

ENGL368. Intermediate Studies in American Literature (3). (Humanities)

Why is literature important? How does it shape our world? Through an in-depth exploration of American literature in historical context, students will pursue a focused study of significant works, genres, or movements. May be repeated. (Prerequisite: a grade of C or better in any 200-level English literature course). Offered as needed.

ENGL399. Professional Internship (1-12).

ENGL402. Capstone (3).

Examination and practice of research and project design in English Studies. Students will present their senior project to the department at the end of the term. (Prerequisites: ENGL231 and two additional 300-level English courses). Fall.

ENGL451. Independent Study (1-3).

Advanced study in areas beyond regular course offerings. (Prerequisite: permission of department).

ENGL499. Advanced Experimental Course (3).

Courses in Business Administration- Entrepreneurial Studies (ENTR)

ENTR199. Exploratory Internship (1-3).

ENTR250. Fundamentals of Entrepreneurship (3).

Examines the role and develops the basic skill set of the entrepreneur in both start-up companies and more mature

Course Descriptions

organizations. Topics covered include writing a prospectus/initial business plan, securing funding, developing new products/services, global sourcing and protecting intellectual property. Fall.

ENTR251. Entrepreneurial Speaker Series (1).

Students will travel to the University of Michigan to attend their speaker series every Friday (transportation provided). This course provides an opportunity to listen to great entrepreneurial speakers from around the country. (Co-requisite: ENTR351).

ENTR299. Experimental Course (1-3).

ENTR351. The Entrepreneurial Experience (3).

An experiential based course providing opportunities to apply and refine the fundamental skills of entrepreneurship. Cases, interaction with professional, experiential challenges and a major entrepreneurial project are the primary pedagogical approaches used in this applied course. (Prerequisite: ENTR250). Fall, Spring.

ENTR352. Evolution of Entrepreneurship (3).

A journey through the evolution of entrepreneurship. Students will sharpen their understanding of traits, events, skills and tools that were required, and gain fresh perspectives into the people, ideas and entrepreneurial processes that changes our realities.

ENTR399. Professional Internship (1-12).

ENTR451. Independent Study (1-3).

(Prerequisite: permission of Business department).

ENTR455. Entrepreneurial Practicum (3).

This one semester supervised practicum in an approved entrepreneurial setting will connect and apply knowledge and techniques from multiple business, accounting and other courses to an entrepreneurial venture. The venue through which any practicum is offered may vary. (Prerequisites: ENTR351 and permission of instructor).

ENTR499. Advanced Experimental Course (1-3).

Courses in Exercise Science and Athletic Training (ESAT)

ESAT100. Principles of Fitness (2) (FITNESS DEVELOPMENT).

The basic principles of fitness, with emphasis on development of a wellness concept. Various physical assessments are used to determine a student's level of fitness and individual programs are explored for the purpose of

establishing room and laboratory experience. Required of all students, recommended for out-of-season athletes. Fall, Spring.

ESAT101. Physical Education Activities (1).

The fundamental skills and techniques of various activities which students may select. May be repeated once with different activities. Additional fees for equestrian classes will apply. Fall, Spring.

ESAT103. Foundations & Careers in ESAT (2).

Relationships among physical education, sport and recreation through history, including principles, objectives and programs. Various philosophies are explored as a basis for developing a personal philosophy relating to each area. Fall, Spring.

ESAT199. Exploratory Internship (1-3).

Does not count toward a departmental major.

ESAT218. Rhythmic Activities (1).

The development of rhythmic movement principles taught in the elementary and secondary schools. Designed for elementary and secondary teachers. Open to freshmen. Fall.

ESAT222. Instructional Methods in Physical Education (3).

Designed to provide experiences which will assist physical education majors and minors select developmentally appropriate motor activities, develop instructional materials, develop assessment techniques and management skills. Fall.

ESAT225. Human Anatomy (3).

An introduction to gross anatomical structure. Designed for exercise science/physical education majors and students in related fields of interest. Fall, Spring.

ESAT226. Human Anatomy Lab (1).

A one semester survey of the structures of the human body, including dissections and discussions of cells, tissues, organs and systems. (ESAT225 as a co-requisite or pre-requisite) Offered as needed

ESAT230. Motor Learning & Development (3).

Examination of motor skill acquisition and application to skill performance. Factors influencing motor learning such as growth and development, neural mechanisms, and optimal teaching strategies are explored. Fall.

Course Descriptions

ESAT236. Sports Technique I (2).

Based on the Michigan Department of Education framework for invasion games and target games. (i.e. soccer, lacrosse, basketball, softball, golf, disc golf, ultimate) teacher candidates will acquire motor skills, knowledge and practical experiences working toward teacher certification. Open to freshmen. Spring.

ESAT237. Sports Technique II (2).

Based on the Michigan Department of Education framework for net wall games (i.e. volleyball, pickle ball, tennis, badminton) teacher candidates will acquire motor skills, knowledge and practical experiences working toward teacher certification. Open to freshmen. Fall.

ESAT238. Sports Technique III (2).

Based on the Michigan Department of Education framework for rhythmic activities and fitness activities. (i.e. tumbling, fitness, bowling) teacher candidates will acquire motor skills, knowledge and practical experiences working toward teacher certification. Open to freshmen. Spring.

ESAT240. Introduction to Research (3).

An introduction to research methods as they apply to qualitative and quantitative design in exercise science. (Prerequisite: ESAT225). Fall, Spring.

ESAT246. Lifetime Fitness (3).

Candidates will design, implement and instruct health and skill related fitness activities including functional strength and conditioning, rhythmic activities, cardiovascular group fitness, acquiring motor skills, knowledge and structured learning experiences to perform and teach in the P-12 school systems.

ESAT247. Organizational Sports (2).

Based on the Michigan Department of Education framework for invasion, net wall, target games and striking/fielding games for teacher candidates will acquire skills, knowledge, strategies, and rules with practical experiences playing, teaching, skills, drills and games.

ESAT248. Outdoor Education and Lifetime Activities (2).

Prepares students to facilitate team building, participate, design, implement and assess knowledge and lifelong skills of outdoor activities and promote an appreciation of the outdoors through experiential learning, and leadership (i.e. outdoor exploring, disc sports, navigation, leave no trace, outdoor sports).

ESAT250. Human Physiology (3).

Introduction to physiological mechanisms which govern systemic organ function. Fall, Spring.

ESAT256. Human Physiology Lab (1).

A one-semester survey of physiological concepts and functions via experimentation. (ESAT250 as a co-requisite or pre-requisite). Offered as needed.

ESAT299. Experimental Course (1-3).

ESAT300. Kinesiology (3).

The theory and practical application of basic facts, laws, principles and concepts of biomechanical movement, with attention given to the physiological and anatomical study of muscles. (Prerequisites: ESAT225 and ESAT250). Fall, Spring.

ESAT302. Organization of Intramurals (2).

The organization of a comprehensive intramural program, with major emphasis on philosophy, objectives, rules and policies, scheduling, reporting and promotional techniques.

ESAT303. Outdoor Pursuits (2).

Prepares students to participate, design, implement, and assess knowledge and lifelong skills (i.e. archery, outdoor exploring, fishing activities, technical navigation). Coursework is based on Michigan Department of Education Physical Education Framework. (Prerequisite: T ED330 or permission of instructor).

ESAT304. Teaching Program Design of Strength & Conditioning (2).

Candidates will design, implement and instruct a functional strength and conditioning class for high school. Skills to be acquired: organizational set up and structure, pre-activity functional movements, proper dynamic and static flexibility, weight training techniques including Olympic movements and safety. (Prerequisite: T ED330 or permission of instructor).

ESAT309. Theory & Practice (1).

Practical application of methods and techniques of teaching physical education activities. Students teach in the required exercise science physical education program. (Prerequisite: permission of instructor). Offered as needed.

ESAT310. Introduction to Phlebotomy (3).

Students will learn how to perform phlebotomy by safely acquiring blood samples from the arm and hand using vacutainer, syringe, and butterfly methods. Tube anticoagulants, order of draw, quality testing, and pre-analytical topics are emphasized. (Prerequisites: ESAT225

Course Descriptions

and ESAT250, or permission of instructor). Open to freshmen.

ESAT311. Exercise Physiology (3).

A physiological examination of how the body responds and adapts to exercise. (Prerequisite: ESAT250; Co-requisite: ESAT350). Fall, Spring.

ESAT312. Sports Nutrition (3).

The study of the metabolic and physiological responses of the body to diet including the acute and chronic effects of sports nutrition and supplementation on physical performance. (Prerequisite: BIOL101, BIOL103 or BIOL104). Fall.

ESAT316. Health & Physical Education for the Classroom Teacher (3).

This course will provide elementary classroom teachers with the opportunity to develop the functional knowledge, skills and behaviors to enhance students' current health and physical activity as well as to develop life-long healthy lifestyles. Fall.

ESAT333. Adapted Physical Education (2).

Practical approach to instruction of physical activity for special populations of diverse learners. Effective instruction, accommodation of developmentally appropriate activities, equipment and instructional material for diverse learners are taught through lecture and practical experiences.

ESAT339. Principles of Strength & Conditioning (3).

Integrates scientific principles, concepts, and theories of exercise to improve the condition of the physically active. Topics include scientific basis of training and conditioning, testing and assessment methods, exercise technique, periodization, and issues related to organization and administration of programs. This course provides preparatory information for various exercise certifications. (Prerequisites: ESAT225 and ESAT250). Spring.

ESAT350. Exercise Physiology Lab (1).

This lab class accompanies the exercise physiology lecture. Activities and experiments involving various forms of exercise testing and the use of standardized equipment will be performed. (Co-requisite: ESAT311). Fall, Spring.

ESAT360. Exercise and the Brain (2).

The effects of exercise on cognitive function, energy balance, addiction, mood disorders and neurodegenerative diseases (Prerequisite: ESAT250).

ESAT370. Electrocardiogram (ECG) (3).

The course examines cardiac anatomy, electrophysiology and basic cardiac rhythms with an emphasis on the recognition and interpretation of cardiac dysrhythmias. (Prerequisite: ESAT225).

ESAT390. Topics in Exercise Science. (1-6).

An in-depth study of a special topic, which varies from semester to semester depending on specialties of the professor teaching the course. May be repeated with a different topic. Offered as needed.

ESAT399. Professional Internship (1-12).

The professional internship will provide an opportunity for students to test their career interests and develop job-related skills through college-approved work experiences and to bring them in contact with professionals in the field. Students will make a formal presentation following the conclusion of the internship.

ESAT402. Capstone: Administration of Physical Education & Sport (3).

Capstone class for the physical education major emphasizes administration, program and curriculum design of physical education and physical activity programs including collaborative partnerships within the public schools and surrounding communities. (Prerequisites: ESAT222 and T ED337). Spring

ESAT404. Capstone: Senior Seminar (2).

Each student develops a research project, uses the appropriate methods and statistical tools, and analyzes data. The student will present the material in an oral presentation. (Prerequisite: ESAT240). Fall, Spring.

ESAT451. Independent Study (1-3).

A program of supervised reading, research or work in an area of special interest to the student. (Prerequisite: permission of department).

ESAT481. Internship Seminar (1).

Course to be taken with ESAT399, this course is designed to maximize the experiences learned through the professional internship. Additional projects include a research proposal, culminating in an end of the semester presentation. (Co-requisite: ESAT399).

ESAT499. Advanced Experimental Course (1-3).

Courses in Environmental Studies/Environmental Science (ESS)

Course Descriptions

ESS104. Regional Geography (3).

An introduction to the geographic regions of the world. Topics include the physical and cultural characteristics of world regions, with discussion of current trends and future outlook. Does not count towards ESS elective credit for ESS majors or minors. Spring of even years.

ESS110. Introduction to Environmental Science (3).

Introductory overview of topics in environmental science and studies, exploring the intersection of people and their biotic and abiotic environment. Topics may include biodiversity and conservation, weather and climate, air and water pollution, agriculture and energy, among others. Students will engage in active learning approaches, including writing, speaking and discussion. Spring.

ESS199. Exploratory Internship (1-3).

Does not count toward a departmental major.

ESS201. Weather & Climate (3).

Introduces the nature and causes of weather and climate patterns. Topics include: temperature, humidity and precipitation; pressure and wind; weather prediction; hurricanes, tornadoes and thunderstorms; effect of human activities on weather and climate; and interrelationship between climate and ecosystems (Does not satisfy the laboratory science requirement). Spring of odd years.

ESS205. Environmental Geology (4).

The interaction between natural systems and society, including the effects of volcanic activity, earthquakes, landslides, mineral and energy resources, soil contamination, surface and ground water pollution, waste management, and climate change. Two lectures, one 3-hour laboratory per week. (Prerequisite: GEOL101 or GEOL107). Fall.

ESS305. Paleoclimatology (2).

Earth's climate through geologic time, including the analysis of data and data repositories that record climate and their application to understanding climate history and modern climate change. (Prerequisite: Completion of the Natural Science distribution). Fall.

ESS325. Environmental Problems & Solutions (3).

An investigation of current environmental problems and possible solutions offered from different perspectives. Students will prepare a proposal dealing with a possible solution to an environmental problem. The proposal will reflect the academic interest and perspective of each student (their minor or major) and will serve as preparation for

ESS400. (Prerequisites: ESS110 and sophomore standing). Spring.

ESS375. Geographic Information & Positioning Systems (4).

Historical perspective of how maps are made and global positions determined and the current means of employing computer and satellite technology using geographic information systems (GIS) and global positioning systems (GPS). Three hours lecture, three hours laboratory per week. (Prerequisites: GEOL101, MATH115 and a 200-level BIOL or GEOL course). Offered as needed.

ESS299. Experimental Course (1-3).

ESS399. Professional Internship (1-12).

ESS400. Capstone: Senior Research (2).

Original capstone research designed and carried out by student. Data gathered will be used in ESS401, the second semester of Capstone Experience. (Prerequisite: ESS325). Fall.

ESS401. Capstone: Research Presentation (1).

Analysis, write up and presentation of results of research carried out in ESS400. (Prerequisite: ESS400). Spring.

ESS451. Independent Study (1-3).

A program of supervised reading, research or work in an area of special interest to the student. (Prerequisite: permission of department).

ESS499. Advanced Experimental Course (1-3).

Courses in Business Administration- Event Planning (EVNT)

EVNT199. Exploratory Internship (1-3).

EVNT290. Event Planning Principles (3).

Overview of the event industry. The techniques and procedures necessary to execute variety of events including corporate, social, sport, cultural, entertainment, fundraising, and publicity applications. Introduction to the topics of program design and planning, site selection, timeliness, logistical preparation, contracts, budgeting, staffing, and risk.

EVNT299. Experimental Course (1-3).

EVNT390. Event Production & Operations Management (3).

Course Descriptions

Each event creates unique production issues. Emphasis is placed on the decision-making necessary to produce successful and sustainable events. Concept development, proposals and agreements, budgeting, generating revenues and other objectives, coordination between multiple stakeholders and service providers, monitoring and post-event evaluation.

(Prerequisite: EVNT290).

EVNT391. Event Risk Management (3).

Risk is inherent anytime people gather for an event. Risk factors are analyzed and strategies developed from both a proactive and post-crisis perspective to create and maintain a secure environment for all event stakeholders. An understanding of how each event venue requires its own risk management parameters are explored. (Prerequisite: EVNT290).

EVNT392. Convention & Trade Show Operations (3).

The study of the convention and trade show segment of event industry operations offers a unique marketing tool for organizations. Topics include facility selection, exhibit management, booth design, working with convention/trade show services personnel, budgeting and evaluation. (Prerequisite: EVNT290).

EVNT399. Professional Internship (1-12).

EVNT451. Independent Study (1-3).

(Prerequisite: permission of Business Department).

EVNT499. Advanced Experimental Course (1-3).

Courses in Business Administration- Fashion Merchandising (FASH)

FASH199. Exploratory Internship (1-3).

FASH270. Introduction to Fashion Merchandising (3).

An introduction to the fashion industry including apparel, footwear, and accessories. This overview provides a framework for the functions of merchandising both domestically and globally, theories of fashion, historical perspectives, movement and influences, marketing and retail environments, industry technology, current events, environmental effects, specific terminology, and career exploration. .

FASH299. Experimental Course (1-3).

FASH371. Textiles (3).

This course is a thorough study of the textile industry and its application to the apparel industry. Fibers, yarns, fabrics,

prints, dyes, finishes, care, and textile legislation are studied. An additional emphasis includes the effects of the industry on the natural environment, sustainability, and life-cycle management. (Prerequisite: FASH270).

FASH372. Visual Merchandising & Fashion Promotion (3).

This interactive approach to visual merchandising includes the study of display and their application to retail. Promotional topics include forms of advertising, social media, special events and their application specific to the fashion industry. (Prerequisites: MKTG230 and FASH270).

FASH373. Product Development & Assortment Planning (3).

In this course students conduct an in-depth study of merchandising and marketing including line and product development, levels of quality, and costing and sourcing of materials. Assortment planning, control and supply chain management are articulated through the use of industry technology. Industry terminology is further developed. (Prerequisites: MKTG230 and FASH270).

FASH374. Evolution of Fashion (3).

A survey of the evolution of apparel and accessories from the Egyptian period to current fashion. Stresses the social economical, and political factors which have influenced fashion as well as noting, construction, design methods, and terminology. (Prerequisite: FASH270).

FASH399. Professional Internship (1-12).

FASH451. Independent Study (1-3).

(Prerequisite: permission of Business Department).

FASH499. Advanced Experimental Course (1-3).

Courses in Business Administration- Finance (FIN)

FIN110. Basic Financial Literacy (3).

Fundamental knowledge, strategies, techniques for personal saving, debt management and avoidance, taxation, consumer awareness, acquisition of insurance, purchase of real estate, investing and retirement planning, which can all be immediately implemented. Open to freshmen. (Prerequisite: MATH101 or Math Placement exam; MATH101 may be taken as a co-requisite).

FIN199. Exploratory Internship (1-3).

FIN299. Experimental Course (1-3).

FIN302. Financial Markets and Institutions (3)

The course provides a comprehensive view of how financial markets and institutions function. This course analyzes all major types of financial markets including money markets, bond markets, mortgage markets, equity markets and derivatives (futures, options and swaps). (Prerequisite: ECON202) Offered as needed.

FIN310. Managerial Finance (3).

The interpretation and utilization of financial information as used by corporate managers in the decision-making process. Coverage includes financial statement analysis, capital structure of corporations, debt and equity instruments, current asset management, operation and capital budgeting, time-value applications and financial forecasting methods. (Prerequisite: ACCT204). Fall, Spring.

FIN311. Investments & Security Analysis (3).

Introduction to the major security exchange markets and related regulatory agencies, techniques for valuation of equity securities, bond investments and financial statement analysis. Personal financial planning through portfolio development and analysis and industry and market research. (Prerequisite: FIN310). Offered as needed.

FIN314. International Financial Management (3).

Corporations that operate in an international environment face significant financial challenges. This course studies how to manage these challenges. Topics include exchange rate risks, hedging, foreign operation cost of capital, sovereign risks, capital budgeting and international taxation. (Prerequisite: FIN310). Offered as needed.

FIN399. Professional Internship (1-12).

FIN410. Advanced Managerial Finance (3).

Advanced study of major decision-making areas of managerial finance, including selected topics in financial theory and its practical application. These include leasing, mergers and acquisitions, joint ventures, corporate reorganizations, financial planning, cost of capital, capital structure and business valuation issues. (Prerequisite: FIN310). Offered as needed.

FIN413. Entrepreneurial Finance (3).

This course studies how entrepreneurs obtain and use financial resources. It focuses upon the integration of financial matters into the overall business plan for the venture; identification of required resources to launch a venture; detailed financial analysis supporting the business

plan; business valuation issues; investor and financial institution relations. (Prerequisite: FIN310).

FIN451. Independent Study (1-3).

(Prerequisite: permission of Business Department).

**FIN499. Advanced Experimental Course (1-3).
Courses in Geology (GEOL)**

GEOL101. Physical Geology (4) (NATURAL SCIENCE).

An introduction to the Earth: its physical characteristics and processes. Topics include Earth's characteristics, rocks and minerals, subsurface and surficial Earth processes, natural resources, and the interaction of humans and Earth. Laboratory required. GEOL101 or GEOL107 may be completed for credit, not both. Fall, Spring.

GEOL101L. Physical Geology

Laboratory exercises and experiments designed to illustrate principles discussed in GEOL101. (Co-requisite: GEOL101) Fall, Spring

GEOL102. Historical Geology (4) (NATURAL SCIENCE).

An introduction to Earth's history, as recorded in the rock and fossil record. Topics include the origin of the Earth, the major events in the physical development of Earth through time, the origin of life, and the development of life through time. Laboratory required. Spring.

GEOL107. Geology of National Parks (4) (NATURAL SCIENCE).

Introduction to Earth's physical characteristics and processes at American's National Parks. Major topics include: rocks and minerals, geological formations, volcanic and geothermal areas, surface and ground water, glacial features, mountain building, and human interaction. Laboratory required. GEOL101 or GEOL107 may be completed for credit, not both. Spring.

GEOL108. Natural Disasters (4) (NATURAL SCIENCE).

An examination of the causes, effects, and options available to mitigate natural disasters, such as earthquakes, volcanic eruptions, landslides, subsidence, coastal erosion, flooding, severe weather, and wildfires. Three lectures, one 2-hour laboratory per week. Fall.

GEOL199. Exploratory Internship (1-3).

GEOL299. Experimental Course (1-3).

Course Descriptions

GEOL301. Mineralogy (4).

Crystallography, atomic structure and bonding, phase equilibria and crystal chemistry, and the megascopic identification and descriptive mineralogy of nonsilicate and silicate minerals. Two lectures, one 3-hour laboratory per week. (Prerequisites: CHEM 105 and CHEM117). Fall of even years.

GEOL302. Igneous & Metamorphic Petrology (4).

An introduction to the physical and chemical properties related to the formation of igneous and metamorphic rocks in different tectonic regimes. Laboratory study utilizes hand specimens and thin section analysis to interpret the origin of rocks. Two lectures, one 3-hour laboratory per week. (Prerequisite: GEOL301). Spring of odd years.

GEOL307. Structural Geology (4).

The behavior of rocks under various kinds of force, with analysis of resulting structural features, including folds, joints and faults, and the nature of the forces that produced them. These concepts are applied to understanding the basic structural and tectonic framework of North America. Two lectures, one 3-hour laboratory per week. (Prerequisite: GEOL101 or GEOL107). Spring of even years.

GEOL314. Sedimentology & Stratigraphy (4)

The use of sedimentary rocks and sequences to interpret depositional environments and evaluate the evolution of sedimentary basins. Topics include sedimentary petrology and petrography, sedimentary processes and environments, sedimentary structures, lithostratigraphy, and biostratigraphy. A field trip is required. Two hours lecture; three hours lab. (Prerequisites: GEOL101 or GEOL107). Spring of odd years.

GEOL316. Paleontology (4)

Fossils: their geologic occurrence, identification, relationship to modern organisms, and usage in interpreting the age of geologic units and paleoenvironments. Topics include paleontological and evolutionary principles and major invertebrate taxa. A field trip is required. Two hours lecture; three hours lab. (Prerequisites: GEOL101 or GEOL107 and GEOL102). Fall of odd years.

GEOL318. Field & Laboratory Methods (4).

An introduction to geological field and laboratory techniques and the fundamentals of collection and interpretation of geologic data in field and laboratory settings. Topics include field instruments, aerial photography, maps, stratigraphic columns, provenance, analytical equipment, and geochemistry. Field trip required. (Prerequisites: GEOL307 and GEOL314). Fall of even years.

GEOL319. Plate Tectonics (4).

A global study of plate tectonics as a unifying solid-earth theory. Includes scientific development, geophysical evidence and application of plate tectonic processes to explain tectonic evolution of the Earth. Two lectures, one 3-hour laboratory per week. (Prerequisite: GEOL101 or GEOL107). Fall of even years.

GEOL320. US Geology Field Experience (1).

Students will research, give an oral presentation, and write an abstract on a specific geologic location in the US. Abstracts will be compiled as a field guide for a required field trip to these locations over Spring Break. May be repeated one time for credit. Offered as needed.

GEOL321. Contaminated Soil & Groundwater: Assessment & Remediation (4).

Principles of contaminant behavior in soil and groundwater systems and the application of assessment and remedial techniques to address environmental problems. Application of course and laboratory content in term-long site assessment-remediation project. (Prerequisite: ESS205). Spring of even years.

GEOL322. Petroleum Geology (3).

Lecture and laboratory exercises concerning the origin, migration, and accumulation of oil and natural gas in the Earth's crust and the techniques for surface, subsurface, and geophysical exploration of petroleum resources. Two lectures, one 2-hour laboratory per week. (Prerequisite: GEOL307 or GEOL318). Offered as needed.

GEOL399. Professional Internship (1-12).

GEOL403. Capstone: Senior Research (2).

Independent library research on a geologic topic approved by the department. Requires the preparation of a well-researched paper, abstract, and presentation under the supervision of a Geology Department faculty member. (Prerequisite: GEOL307 or GEOL314). Fall.

GEOL451. Independent Study (1-3).

A program of independent study supervised by a departmental faculty member. The work may be theoretical, experimental or a field problem. May be repeated. (Prerequisite: departmental permission).

GEOL499. Advanced Experimental Course (1-3).

Courses in Business Administration- Health Care Administration (HCA)

HCA100. The History of Public Health (3).

The role of public health and governance has fundamentally shaped human societies. In this course, students will learn the role of the state in ensuring favorable public health outcomes. Students will also learn the importance of public health, understand how it is provided, and learn how it is practiced. The course is intended to introduce students to the field of public health; it is intended to be broadly accessible to all students and provide a practical understanding of the field.

HCA161. Introduction to Emergency and Disaster Management (3).

This course will provide students with an introduction to emergency and disaster management and the theories and legal frameworks that drive the field. Students will explore the historical context and evolving factors that impact emergency and disaster management practices. This course will additionally examine various types of hazards and their impact on society. Most vitally, students will learn fundamental leadership and management skills.

HCA199. Exploratory Internship (1-3).

HCA200. Health Economics (3).

Health Economics is the application of economics to health care in support of the public good. By learning to use various economic theories, students will learn how available resources can be used to help improve the quality of healthcare outcomes. Students will also learn various techniques of economic analysis and understand how healthcare organizations attach a monetary value to particular health states. Finally, students will be introduced to econometrics as it applies to public health. (Prerequisites: MATH115 and ECON202).

HCA201. Biostatistics (3).

The course represents an introduction to the field of biostatistics and provides a survey of data and data types. Specific topics include tools for describing central tendency and variability in data, methods for performing inference on population means and proportions via sample data, statistical hypothesis testing and its application to group comparisons, issues of power and sample size in study designs, and random sample studies and other study types. Emphasis is on using R software. (Prerequisites: MATH115 and BIOL101 or BIOL103).

HCA262. Socio-Economic Dimensions of Disasters (3).

This course focuses on the ways in which socio-economic features impact disaster planning, response and recovery. Students will learn how to integrate socio-economic

concepts into the disaster planning process with the goal of maximizing individual and community resilience. By the end of this course, students will be able to ensure that strategies take into account the socio-economic conditions of the communities they serve and protect the vulnerable populations within. (Prerequisite: SOC104).

HCA281. Introduction to Health Care in the U.S. (3).

This course introduces current methods of delivering health care. Topics include 1) medical service types and factors affecting need, access, and use, 2) financing health care, 3) factors affecting supply and distribution of health professionals/facilities 4) factors relating to cost and quality, and 5) patients as consumers of health care. Open to freshman.

HCA282. Health Clinic Operations & Observation (1).

The course includes concepts relevant for a clinical practice such as patient experience, revenue cycle, HIPAA, insurance, HER, risk, safety, regulatory standards, and testing. Course also offers students a medical clinical observation experience. Open to freshmen.

HCA287. Health Education and Communication (3).

This course will focus on using health education to influence and inform health decisions for individuals, communities and populations. Content will also emphasize various communication strategies used to share health information, increase health literacy, and engage a call to action using models, theories and intervention strategies show to be effective to promote changes in attitude and behaviors in targeted situations. (Prerequisite: HCA281).

HCA290. Health Services (3).

This content will include the way healthcare is provided; the history of healthcare in high, middle and low income countries; and the evolution, structure, and function of healthcare services; both domestically and abroad. Students will strive to improve the skills needed to evaluate the strengths and weaknesses of particular systems and policies, while examining their ideal version of health services as it pertains to current world events.

HCA299. Experimental Course (1-3).

HCA300. Epidemiology (3).

Epidemiology is the branch of medicine that deals with the incidence, distribution, and control of a disease. In this course, students will learn and apply key concepts of epidemiology to multiple domains of public health. Students will learn how to use epidemiology to better understand, characterize, and promote health at a population level. (Prerequisite: HCA100 or HCA385).

HCA301. Health Economics (3).

Health economics is the application of economics to health care in support of public good. Through the use of various economics theories, students will assess available resources, equate quality metrics, analyze how healthcare organizations attach a money value to particular health status, and investigate the effectiveness of health policy outcomes through an economic lens. (Prerequisite: ECON302)

HCA311 Phlebotomy Exam Review (1)

This course will offer an interactive review of the required content and standards needed for preparation of the national phlebotomy certification exam offered through the National Center for Competency Testing. (Prerequisite: ESAT310)

HCA312 Phlebotomy Practicum (1)

This course will allow students continued practice of phlebotomy skills at an external clinical facility. A specified number of hours and successful draws are needed to meet eligibility requirements for the National Center for Competency Testing's Phlebotomy Exam. (Prerequisite: ESAT310)

HCA363. Emergency and Disaster Management Planning (3).

Emergency and Disaster Management Planning dramatically enhances community resilience and sustainability by reducing the risks from natural and man-made hazards. This course explores the theories and concepts of emergency and disaster management planning with special emphasis on risk and vulnerability assessments for hazard mitigation planning. Students will master key strategies and concepts vital to hazard mitigation. (Prerequisite: HCA161).

HCA381. Financing Health Care (3).

This course examines the current systems of financing health care, the factors affecting them, and how they drive transformational change. It explores and analyzes pay-for-performance models, financial risk and sustainability, and governmental and private party payer management in a hyper-competitive health care environment. (Prerequisite: HCA281).

HCA383. Health Care Outcomes & Quality (3).

Course will address the manager's role and approaches to quality improvement in both patient care and management of services in healthcare organizations. Topics include: fundamentals of quality management, system thinking and decision making, improvement theories, provider safety, data collection, statistical tools, medical errors and

reporting, public perceptions, and organizational accountability. (Prerequisite: HCA281). Fall.

HCA384. Health Care Law, Regulation, & Policy Setting (3).

Introduces legal context of U.S. health care delivery, presenting legal/regulatory framework, models of governance, and licensing/regulation for providers. The conflict between provider duty and patient rights, and new legal issues presented by expanded sharing/analysis of patient data and risk-based reimbursement models are explored. (Prerequisite: HCA281). Spring.

HCA385. Health & Society: Introduction To Public Health (3).

Course introduces a population-based perspective on health and health care management. Students will consider costs and economic and social determinants of health as they affect health promotion and patient behavior, access to/use of delivery systems, insured vs. uncompensated care, food safety & nutrition, and care for the aged. (Prerequisite: HCA281).

HCA386. Health Care Management Practicum I (3).

This course provides exposure to health care management experiences, aiming to develop job-related skills through contact with industry professionals. Site and task approval is required by the faculty in order to meet course objectives. (Prerequisite: 9 credit hours of HCA courses or permission of instructor). Offered as needed.

HCA399. Professional Internship (1-12).

HCA400. Public Health Studies I: Current Topics and Politics (3).

This course allows students to evaluate the health impact of political decisions. Students will explore current topics in public health (e.g. HIV/AIDS, the obesity epidemic) and look at the impact of US politics on global Public health, especially in developing nations. Emphasis is on the conflict between data and political will that drives Public Health policy decision making. The course outcome is a project to plan a Health Impact Assessment of a current/proposed federal/state policy. (Prerequisite: HCA300 or HCA385).

HCA401. Public Health Studies II: Demographics, Geospatial Mapping, and Qualitative Research (3).

This course provides students with a variety of tools for understanding the impact that disease other Public Health concerns may have on a population. Students will learn

Course Descriptions

how to design effective surveys, analyze geographic data (including required participation in a mapathon), and use qualitative information with the ultimate goal of gaining a better understanding of how events may affect the health of a particular population. (Prerequisites: SOC385 and HCA400).

HCA451. Independent Study (1-3).

(Prerequisite: permission of Business department).

HCA464. Global Health and Crisis Management (3).

This course examines the growing threat and potential consequences of disasters by examining the complexities of public health and humanitarian crises and studying emerging health security threats. Students will explore a variety of health disasters as well as their consequences, learning to analyze issues from local, regional and global perspectives. Particular attention will be paid to the roles of agencies, systems and practitioners in preparedness, response, and recovery. (Prerequisite: HCA100, HCA161 or HCA385).

HCA465. Post Disaster Resilience and Recovery (3).

This course will examine the current state of disaster resilience and recovery. Students will analyze the consistent patterns of problems surrounding equity, social environmental justice in terms of access to assistance and resources. They will also learn how conflicting priorities and issues of power and influence affect community recovery difficulties. Most critically, students will learn potential strategies to overcome these issues in the disaster recovery process. (Prerequisite: HCA262)

HCA480. Health Care Transformation (3).

Concepts associated with change management, emotional intelligence, knowledge management, and a heightened patient experience will be considered as students explore new ways to lead in a transforming health care industry. (Prerequisite: 6 credit hours of HCA courses).

HCA486. Health Care Management Practicum II (3).

This is an experiential learning course built around problem solving projects within health care organizations. Students will use research and analysis techniques to evaluate situations in order to propose alternative actions or outcomes. (Prerequisite: HCA386 or Instructor Permission).

HCA499. Advanced Experimental Course (1-3).

HIST105. U.S. History to 1876 (3) (HUMANITIES).

An introduction to the history and culture of the U.S. from 1600 to 1876, including colonization, the formation of the American Republic, race and gender relations, social reform, industrialization, foreign relations, the Civil War and Reconstruction.

HIST106. U.S. History since 1865 (3) (HUMANITIES).

An introduction to the history and culture of America from 1865 to the present, including Reconstruction, urbanization, social reform, World Wars I and II, the great Depression, Cold War, Vietnam, and race and gender relations.

HIST123. Global History I (3) (HUMANITIES).

Topics in global history between 1700 BCE to about 1700 CE: the invention of writing, ancient empires in comparison, the spread of world religions, trade and cultural interactions.

HIST124. Global History II (3) (HUMANITIES).

Interactions among societies in the modern age: the spread of European power across the globe, colonization, revolution, modernization, and global warfare.

HIST130. Chinese History I (3) (HUMANITIES, NON-WESTERN).

An introduction to the history and culture of China from its beginnings through the Tang Dynasty, including highlights of philosophy, literature, religion, science and technology, political, economic and social life. Fall.

HIST131. Chinese History II (3) (HUMANITIES, NON-WESTERN).

An introduction to the history and culture of China from the Song Dynasty to the present, including highlights of philosophy, literature, religion, science and technology, political, economic and social life. Spring.

HIST132. Japanese History I (3) (HUMANITIES, NON-WESTERN).

An introduction to the history and culture of Japan from its beginnings to 1600, including highlights of philosophy, literature, religion, science and technology, political, economic and social life. Fall.

HIST133. Japanese History II (3) (HUMANITIES, NON-WESTERN).

An introduction to the history and culture of Japan from 1600 to the present, including highlights of philosophy, literature, religion, science and technology, political, economic and social life. Spring.

HIST199. Exploratory Internship (1-3).

Courses in History (HIST)

HIST205. The Novel as History (1).

A study of a particular novel as it relates to the historical events in which it is set. The novel studied will change regularly. (May be repeated for a total of three semester hours). Fall, Spring.

HIST213. Women & Gender in the Cold War (3) (HUMANITIES).

An examination of how the Cold War influenced women's everyday lives and its impact on notions of gender difference and ideas about sexuality in the USSR, Europe, and the USA.

HIST214. Gender and Sexuality in U.S. History(3) (HUMANITIES).

Examines how gender and sexuality have informed critical events, movements, and personal identities in U.S. history. Topics addressed include reproductive politics and changing gender norms, feminist movements, and the fights for LGBT rights.

HIST221. History of Japanese Women (3) (HUMANITIES, NON-WESTERN).

Topics in the history of Japanese women and gender including family life, culture, sexuality, politics, work, and education. Open to first-year students.

HIST239. Cultural History of Japan (3) (HUMANITIES, NON-WESTERN).

Cultural history of Japan through the early modern and modern periods. Various forms of popular culture, including drama, painting, literature, cartoons, and film, will be used to investigate social and political developments in Japan. Open to first-year students.

HIST240. Experiential Museology (3).

Students will read about issues in Museum Studies and then create an exhibit at the Lenawee County Historical Museum. Offered occasionally.

HIST241. History of Slavery in the United States (3) (HUMANITIES).

American slavery from 1619 to the end of the Civil War. Emphasis on the central role of slavery in the development of American capitalism, westward expansion, sectional disputes, foreign affairs, as well as slaves' resistance and anti-slavery activism. Open to first-year students.

HIST242. The Civil Rights Movement (3) (HUMANITIES).

The history of the black freedom struggle from the Civil War era to "Black Lives Matter" campaign. Induces a semester-long project on a local civil rights campaign in the Jim Crow North. Open to first-year students.

HIST245. Reacting to the Past (3) (HUMANITIES).

Students will play two complementary Reacting to the Past games and then conclude by comparing their common themes. A minimum of 15 pages of graded writing will be assigned.

HIST246. Refugees in Modern History (3) (HUMANITIES).

Refugees in the 20th-21st centuries, examining case studies from various parts of the world. Focus on both how refugees are defined and described by others, and how they express their own experiences and perspectives. Includes service learning. Open to first-year students.

HIST250. The History of American Capitalism (3) (HUMANITIES).

Examines the various stages and practices of capitalism in United States history from the American Revolution to the present. Open to first-year students.

HIST285. Medieval China (3) (NON-WESTERN).

A study of the major changes in Chinese civilization that took place between 750 and 1500. Most of these developments resulted in what we now think of as traditional Chinese culture.

HIST286. Introductory Topics in History (1-3).

Introductory topics in history covers historical topics at a sophomore level rather than junior level or higher. Examples of topics include: Women in American Popular Culture, Japanese History Through Monsters. Open to first-year students.

HIST295. Historical Theories & Methods (3) (HUMANITIES).

An introduction to historiography and historical methods for history majors and minors. Taught as a Writing Intensive course. (Prerequisite: one previous HIST course). Fall, Spring.

HIST299. Experimental Course (1-3).

HIST301. Topics in History (3).

In-depth study of topics in various fields and periods of history. Topics may include History of Medicine and the French Revolution. (Prerequisite: HIST295). Fall, Spring.

HIST302. Studies in Eastern Religion (3)

Course Descriptions

(NON-WESTERN).

Intensive study of the history of one of the cultures or religious traditions of Asia. This course is usually team-taught and cross-listed as RELG302. (Prerequisite: HIST295). Spring.

HIST303. Fortification to Reformation: The History of York, England to the 15th Century (6).

A five-week interdisciplinary course centered on York Minster. Readings/lectures cover Roman York, York and Northumbria, Anglo-Saxon York, Viking/Anglo Scandinavian York, Norman York, Late Medieval York, Reformation York, and beyond. Includes response papers, a 10-page research project, a service learning experience with a reflection journal, and excursions to significant sites. May not be repeated for credit. (Prerequisite: Study Abroad Application Process). May, Summer.

HIST305. History of the Soviet Union (3).

Rise and fall of the Soviet Union. Topics include revolutions, wars, economic and cultural transformation, Stalinism, reform, dissent. (Prerequisite: HIST295 or permission of instructor). Spring.

HIST321. Perspectives on Nazi Germany (3).

An advanced history course examining Nazi Germany. An emphasis on historiographical debates and theoretical perspectives. (Prerequisite: HIST295 or permission of instructor).

HIST350. History of Chinese Philosophy (3)

(NON-WESTERN).

Chinese philosophy is one of the great streams of philosophy: Indian, Chinese and Western (European and Islamic). The three dominant systems of ideas and values in Chinese philosophy (Confucianism, Daoism, and Buddhism) will be examined in terms of Chinese values and in comparison with Western philosophy. (Prerequisite: HIST295 or permission of instructor). Fall.

HIST355. History & Memory of the Atomic Bombings (3) (NON-WESTERN).

Readings and discussions of the development, use, and legacy of the first atomic bombs. Particular attention paid to comparing the social, cultural and political impact in Japan and the U.S. (Prerequisite: HIST295 or permission of instructor).

HIST361. The “American Century” (3).

An examination of the postwar American response to the prospect of living in an uncertain world, including political and cultural perspectives. Focuses on historiographical debates on the post-war period. (Prerequisite: HIST295 or permission of instructor).

HIST363. Topics in American Social History (3).

Examines the forces that shaped the lives of average Americans during various decades. Includes such topics as sexuality, family, popular culture and labor. (Prerequisite: HIST295 or permission of instructor).

HIST399. Professional Internship (1-12).

HIST408. Senior Research Preparation (3).

Each student will produce and defend a senior theses prospectus, and will produce an exhaustive annotated bibliography to support senior research. (Prerequisite: HIST295). Fall.

HIST409. Senior Research Capstone (3).

Research seminar on selected problems in American, Asian, European or Comparative History. Required of history majors. (Prerequisite: HIST408). Spring.

HIST451. Independent Study (1-3).

Individual work under faculty supervision, involving readings, reports and research.

HIST499. Advanced Experimental Course (1-3).

Courses in the Honors Program (HONR)

HONR101. Honors Colloquium (1).

Combines academic and experiential learning and emphasizes academic excellence and respect for human dignity. The theme of the class varies, but students are required to read, write, and take part in experiential learning through a trip to Chicago or through a service learning project in Adrian or elsewhere. (Prerequisite: admission to Honors Program. May be taken up to eight times for credit). Fall, Spring.

HONR301. Advanced Honors Colloquium (1).

A seminar that draws on readings from the great books of western and non-western civilization as well as more recent work. It allows students to consider some of the big questions raised by the key concepts of our mission statement such as “What is Justice?” and “What is Truth?” (Prerequisite: admission to Honors Program and Junior or Senior standing). Fall, Spring.

HONR390. Pre-Professional Scholar (1-4).

Student will work directly with, and be mentored by, a professor on research or other scholarly activity, culminating with a presentation. The amount of credit will be determined by the level of involvement of the project as

Course Descriptions

agreed upon by the student and professor. Each credit hour should correspond to 40 hours of work. (Prerequisite: admission to Honors Program). Fall, Spring.

HONR499. Honors Option (0).

This course will be taken with a College course in which the student is choosing to perform the Honors Option. The Honors Option courses must be at least 200 level and are typically chosen from within the student's major(s). (Prerequisite: admission to Honors Program and Junior or Senior standing). Fall, Spring.

For example, if a student is currently planning on taking MATH204, he or she must discuss the Honors Option with the professor, come to an agreement about the additional assignments to be performed, and then add HONR499 the semester that MATH204 is on his or her schedule. This will take some planning as HONR499 needs to be added in the same manner as all other classes within the College's add/drop timeframe. Prior to adding the course, it must be approved by both the Honors Director and the professor of the course to which the Honors Option will be applied.

Courses in Interior Design (INTD)

INTD100. Interior Design Theory (3) (ARTS).

This studio course explores the basic theories of interior design related to human factors, the elements and principles of design, color theory, spatial relationships, programming, universal design and way-finding. Studio will incorporate 2-dimensional and 3-dimensional projects relative to practical application in interior design. Fall.

INTD130. Freshman Studio (3).

A studio course concentrating on drawing, sketching and rendering perspectives. Drawing and dimensioning floorplans, sections, elevations and cabinet sections. Beginning basic computer aided drawing programs. Spring.

INTD199. Exploratory Internship (1-3).

INTD200. Sophomore Studio (3).

A studio course giving special attention to the design process, research, writing, programming and presentation. (Prerequisites: INTD100, INTD118, INTD130 and CCC101). Fall.

INTD221. Interior Design Materials (3).

Definition, environmental attributes, application, specification, and installation techniques of interior materials and textiles. (Prerequisite: INTD118). Spring.

INTD222. History of Architecture & Interiors I (3).

The history of Architecture and Interiors from Antiquity through the 18th Century. Fall.

INTD224. History of Architecture & Interiors II (3).

History of Architecture and Interiors from the 19th Century through today. Spring.

INTD225. AutoCAD Architectural Basics (3).

An introduction to computer aided drafting and design or non-interior design majors, applicable for facilities management, engineering, construction management and landscape design. (Prerequisite: MATH101). Offered as needed.

INTD226. AutoCad (3).

An introduction to computer aided drafting and design specifically for the interior designer through the use of Auto CAD. Spring.

INTD227. Revit (3).

An introduction to computer aided drafting and design specifically for the interior designer through the use of Revit. (Prerequisite INTD130 and MATH101)

INTD299. Experimental Course (1-3).

INTD326. Lighting (3).

A studio course exploring the elements and applications of lighting including electrical components, measurements, coloration and energy efficiency for both interior and exterior lighting needs. (Prerequisite: INTD200)

INTD323. Residential Design I (3).

A studio course designed around residential client needs. Consideration for human factors, lighting and space planning for general residential design with a concentration in Kitchen and Bath design. (Prerequisites: INTD200, INTD221, INTD222 and INTD224). Fall.

INTD327. Commercial Design I (3).

A studio course designed around commercial client needs. Application of human factors, lighting, space planning programming documentation and presentation with a concentration in Office and Institutional Design. (Prerequisite: INTD118, INTD200 and INTD226).

INTD330. Residential Design II (3).

A studio course designed around residential client needs. Consideration for human factors, lighting and space planning for specific residential design needs. Areas will include aging in place, universal design, in-home

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entertainment spaces etc. (Prerequisites: INTD323 and INTD327). Spring.

INTD331. Commercial Design II (3).

A studio course designed around commercial client needs. Application of human factors, lighting, space planning programming documentation and presentation with a concentration in Healthcare, Hospitality and Retail Design. (Prerequisites: INTD323 and INTD327). Spring.

INTD350. Special Topics in Interior Design (3).

An interdisciplinary and collaborative class exploring a topic related to the built environment. Methods will include research, programming, and a variety of presentation styles. Rotating topics may include, but not limited to design needs of specific facilities, historic preservation and sustainability. Offered as needed.

INTD399. Professional Internship (1-12).

INTD401. Senior Studio (3).

A studio course applying research and production of a project that will showcase all aspects of the design needs and requirements for a specific facility. Both residential and commercial spaces will be included. (Prerequisite: INTD330). Fall.

INTD408. Professional Practices for Interior Designers (3).

Business practices and ethics in the field of interior design. (Prerequisites: INTD327 and INTD400). Spring.

INTD430. Capstone: Senior Seminar (3).

A lecture course based on demonstrating the research, knowledge and programming used for the NCIDQ certification exam. (Prerequisites: INTD401 and INTD408).

INTD451. Independent Study (1-3).

Designed for Interior Design and Pre-Architecture majors with a special need to study content beyond that offered in the normal course sequence. (Prerequisite: permission of department).

INTD499. Advanced Experimental Course (1-3).

Courses in International Studies (INTL)

INTL101. International Studies (3) (SOCIAL SCIENCE).

Historical, cultural, political and economic relationships among the diverse peoples of the world. Offered as needed.

INTL409. Capstone: Research Seminar (3).

Culminating experience for International Studies majors. Students will select a research topic, review the published literature on that topic, prepare a search proposal, conduct the research, and present their findings publicly. (Prerequisites: PSCI236, ESS104 and PSCI315 or ECON315). Fall.

Courses in Journalism (JRNL)

JRNL151. Publications Activities (1).

Basics of writing, editing, and producing student publications, both print and online, including the student newspaper and literary magazine. Cross-listed with ENGL151. Open to all students. Course may be repeated up to 5 times.

JRNL199. Exploratory Internship (1-3).

(Prerequisites: CCC101, CCC102 and JRNL238)

JRNL238. Introduction to Journalism (3).

Basic journalism terms, history of American journalism and news coverage, basic tenets and ethics of journalism. Students will write news stories, substantiate facts, verify quotations, post headlines on social media, and suggest follow-up stories. Fall, Spring. Open to Freshmen.

JRNL299. Experimental Course (1-3).

(Prerequisites: CCC01, CCC102 and JRNL238)

JRNL306. Community Journalism (3).

Practices common to local journalism and the journalist within the community. Students participate in a variety of activities geared to train them to become reporters for a community newspaper. Writing for print and electronic media with an emphasis on reporting on local government, education, courts, and law enforcement. (Prerequisite: JRNL238). Fall.

JRNL308. Women in Journalism (3).

Students will explore the work of women journalists covering roughly the last century and analyze the roles and contributions of women to media against the backdrop of social change. Open to all students. (Prerequisites: CCC101, CCC102, JRNL238, or permission of instructor). Spring.

JRNL399. Professional Internship (1-12).

JRNL415. Focus on Journalism (3).

Students will explore a variety of topics including various techniques involved in reporting on specific disciplines, including law, politics, ethics, sciences, business and the economy. (Prerequisite: JRNL238). Fall.

JRNL451. Independent Study (1-3).

Courses in Leadership (LDRS)

LDRS160. Philosophy of Leadership (3).

An examination of what is leadership, the forms it can take, and the various theories of it. A study of leadership in the works of Homer, Plato, Aristotle, Machiavelli, Confucius, Marcus Aurelius, Martin Luther King Jr. and several other thinkers. Offered as needed. *Previously listed as PHIL160.*

LDRS199. Exploratory Internship (1-3).

LDRS299. Experimental Course (1-3).

LDRS300. Topics in Leadership (1-3).

A special topic or topics in leadership, including its practical application and/or its relationship to other aspects of life.

LDRS310. Adaptive Leadership (3)

The study and application of the strategies and practices of Adaptive Leadership Theory that allow people and organizations to accomplish meaningful and effective change, to develop adaptive capacity, and to thrive.

LDRS311. Advanced Leadership / Experiential Project (3)

A study and application of leadership principles and skills such as group development, design thinking, personal development, effective teamwork, and civic responsibility to a group leadership project.

LDRS312. Leadership and Warrior Codes (3)

An examination of the codes and principles applied by various warrior cultures or military organizations in relation to leadership.

LDRS313. Team Leadership (3)

A study and application of the principles and skills of effective and ethical teams.

LDRS314. Professional Life Skills (3)

This is a course on practical skills one will need to navigate the world and their profession: job interview skills, building credit, buying a home, investing money, starting and running a business, leading a team, health and wellness habits, serving the community.

LDRS315. Leadership and Influence Skills (3)

A study and application of the influence skills necessary for effective leadership such as framing, communicating expectations, compliance gaining techniques, effective argumentation, and negotiation strategies and tactics.

LDRS360. Leadership & Ethics (3).

This is a study of the various moral theories applicable to leadership and the examination of moral questions, moral dilemmas, and moral case studies in leadership. Offered as needed. *Previously listed as PHIL360.*

LDRS364. Leadership in Language (3).

An investigation of the discourses surrounding various tribal, national, and religious leaders portrayed in fictional and non-fictional literature, and to the socio-cultural and ideological interests at work in various forms of narrative.

LDRS365. Leadership & Social Movements (3).

An examination of contemporary forms of collective action (social movements) and the types of leadership that help these movements succeed or fail. An exploration of ethical leadership as a tool for social change in the context of democratic governance.

LDRS367. Ethical Organization & Leadership (3).

A study of the importance of values within an organization. Topics include the relationship of ethics and values to organizational success, creating and maintaining an ethical culture, incentivizing ethical behavior, and recognizing ethical warning signs. Offered as needed. *Previously listed as PHIL36).*

LDRS368. Feminist Models of Leadership (3).

An exploration of how leaders may drive change in an organization to advance gender equality and inclusion, the underlying reasons that lead to incidents of sexual harassment. Analysis of models of leadership and why they continue to marginalize and oppress women.

LDRS370. Leadership Capabilities (3).

This course is intended to help students become more effective leaders. Using strengths assessments, guest speakers and reflection papers, it focuses on developing leadership skills and the ability to make a positive difference in organizations, communities, and society.

LDRS399. Professional Internship (1-12).

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LDRS400. Senior Thesis in Leadership (3).

Senior research project stressing the application of research skills and the synthesis of knowledge in the study of leadership (Prerequisite: Senior standing or permission of department).

LDRS451. Independent Study (1-3).

(Prerequisite: permission of department).

LDRS499. Advanced Experimental Course (1-3).

Courses in Mathematics (MATH)

MATH099. Developmental Mathematics (3).

Topics include the real number system, basic operations on real numbers; percent and proportion; topics from plane geometry and introductory algebra; exponents; operations on polynomials; application problems. Emphasis is on development of arithmetic skills and mastery of basic algebraic concepts. College credit only: hours do not count toward graduation requirements. Course must be repeated if grade earned is NC. (Prerequisite: Mathematics Placement Policy). Fall, Spring.

MATH100. Mathematics for the Liberal Arts (4) (MATHEMATICS BASIC EDUCATIONAL PROFICIENCY).

A mathematics course for non-STEM and non-business majors meant to motivate students' interest in the beauty and relevance of mathematics from a liberal arts perspective. Topics covered may include, but are not limited to: problem solving, logic, graph theory, geometry, measurement, statistics, mathematics in nature, mathematics in art, and consumer mathematics. This course does not satisfy the prerequisite for MATH104 or MATH115. (Prerequisite: MATH099 or Mathematics Placement Policy). Offered as needed.

MATH101. Intermediate Algebra (4) (MATHEMATICS BASIC EDUCATIONAL PROFICIENCY).

Fundamental operations with algebraic expressions, linear and quadratic equations, graphs, systems of equations, applications and functions. (Prerequisite: MATH099 or Mathematics Placement Policy). Fall, Spring.

MATH103. Fundamentals of Modern Mathematics I (3).

An introduction to problem solving, logic, set theory, number systems, operations, number theory, and algorithms.

(Prerequisite: MATH101 or Mathematics Placement Policy). Fall.

MATH104. Finite Mathematics (3).

An introduction to systems of linear equations, matrix theory, linear programming, set theory, logic, probability, and other topics. (Prerequisite: MATH101 or Mathematics Placement Policy). Fall, Spring

MATH113. Fundamentals of Modern Mathematics II (3).

An introduction to probability and statistics, geometry, measurement and the use of mathematical methods, tools, and technology. (Prerequisite: MATH103). Spring.

MATH115. Pre-Calculus Mathematics (4).

An introduction to the theory of functions related to exponential, logarithmic, rational, polynomial and trigonometric functions. Theorems on rational and complex zeros of polynomials and systems of linear equations. (Prerequisite: MATH101 or Mathematics Placement Policy). Fall, Spring.

MATH135. Calculus & Analytic Geometry I (4).

Topics include mathematical modeling, transcendental functions, parametric equations and functions in parametric form, limits, continuity, differentiation, integration, and related applications. (Prerequisite: MATH115 or Mathematics Placement Policy). Fall, Spring.

MATH199. Exploratory Internship (1-3).

MATH204. Elementary Statistics (3).

An introduction to the basic principles of statistics, computation of statistics, probability distributions, estimation, confidence intervals, hypothesis testing, and correlation and regression. (Prerequisite: MATH104 or MATH115 or Mathematics Placement Policy). Fall, Spring.

MATH205. Calculus & Analytic Geometry II (4).

Topics include principles of integral evaluation, applications of the definite integral to geometry, science, and engineering, mathematical modeling with first-order differential equations, sequences, infinite series, and various tests of convergence. (Prerequisite: MATH135 or Mathematics Placement Policy). Fall, Spring.

MATH210. Women in Science and Mathematics (3). (HUMANITIES).

A survey of women's contributions to the sciences and mathematics, with emphasis placed on the eighteenth through twentieth centuries. (Prerequisites: CCC101,

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MATH101 and completion of the Natural Science Distribution). Fall of even years.

MATH215. Calculus & Analytic Geometry III (4).

Topics include analytic geometry, polar coordinates and curves, three-dimensional space, vectors and vector-valued functions, partial derivatives, multiple integrals, and various topics in vector calculus. (Prerequisite: MATH205). Fall.

MATH216. Discrete Mathematics (3).

An introduction to set theory, sequences, matrices, properties of integers, common techniques in proof-writing, combinatorics, probability, relations, functions, and other topics. This course is intended to prepare students for upper-level mathematics courses. (Prerequisite: MATH205). Spring.

MATH220. History of Mathematics (3).

A survey of major developments in mathematics from ancient through modern times, with emphasis placed on individuals who made significant contributions to the discipline. (Prerequisites: CCC101 and MATH135). Fall of odd years.

MATH299. Experimental Course (1-3).

MATH303. Linear Algebra & Matrices (3).

Matrices, determinants, systems of linear equations, vector spaces, linear transformations, eigenvectors and eigenvalues. (Prerequisite: MATH216). Fall.

MATH304. Theory of Probability (3).

Descriptive statistics, probability and counting techniques, discrete and continuous distributions, moment generating functions, multivariate and conditional distributions, the correlation coefficient, and least squares regression. (Prerequisite: MATH205). Fall.

MATH305. Differential Equations (3).

Solutions of various types of ordinary differential equations, linear equations with constant coefficients, the Laplace Transform, systems of equations, and series solutions. (Prerequisite: MATH205). Spring.

MATH307. Probability for Actuaries (3).

Actuaries and quantitative professionals deal primarily in probabilities. This course will cover a wide range of topics and introduce you to core probability concepts needed for actuarial and quantitative work. You will be able to apply to concepts of probability to real-world scenarios. This course will also fully cover all content required by the Society of Actuaries P Exam and its equivalents. (Prerequisites: MATH215 and MATH304)

MATH309. Topics in Mathematics (1-3).

Topics of interest to faculty and students. Sample topics include, but are not limited to, numerical analysis, graph theory, advanced discrete math, advanced multivariable calculus, partial differential equations, history of mathematics. May be repeated for credit if the topic is different. Offered as needed.

MATH313. Abstract Algebra (3).

An introduction to the theory of groups, rings, and fields. (Prerequisite: MATH303). Spring.

MATH314. Theory of Mathematical Statistics (3).

Sampling theory, point and interval estimation, order statistics, tests of hypothesis, nonparametric methods, statistical quality control, and experimental design. (Prerequisite: MATH304). Spring.

MATH323. Geometry (3).

A survey of topics in geometry including historical topics, elements of logic, foundations in Euclidean geometry, and introduction to non-Euclidean geometry using the hyperbolic model. This course emphasizes different methods of proof. (Prerequisite: MATH205; Co-requisite: MATH216). Spring.

MATH324. Numerical Analysis (3).

An introduction to numerical analysis in finding roots of polynomials, polynomial approximation, finite difference calculus, summation calculus, and selected topics in computer programming. (Prerequisite: MATH205). Offered as needed.

MATH337. Mathematical Theory of Interest (3).

Measurement of interest rates, basic problems in interest theory, basic annuities, continuous and varying annuities, yield rates, amortization, bonds and other securities, practical applications, and stochastic approaches to interest. More broadly, course material will cover pricing of bonds, mortgages, annuities, and other financial instruments. Return on investment, duration, convexity, and portfolio immunization are also covered. (Prerequisite: MATH135).

MATH399. Professional Internship (1-12).

MATH403. Number Theory (3).

Divisibility, primes, congruencies, multiplicative functions, primitive roots, quadratic residues, quadratic reciprocity, and other topics. (Prerequisite: MATH303). Offered as needed.

MATH405. Real Analysis (3).

Course Descriptions

Theory of functions of a real variable; sequences and series, limits, continuity, derivatives, the Riemann integral and other topics. (Prerequisites: MATH215 and MATH303). Fall.

MATH410. Advanced Topics in Mathematics (1-3).

Advanced topics of interest to faculty and students. Sample topics include, but are not limited to, complex analysis, topology, operations research, advanced topics in linear algebra, abstract algebra, geometry and statistics. May be repeated for credit if the topic is different. Offered as needed.

MATH417. Actuarial Science and Risk Management with R (3).

Team-based problem solving in actuarial science and risk management. Students will learn the fundamentals of the R programming language, RStudio and R Markdown, and use these tools to complete a range of projects. Projects vary, but may include bond and loan amortization, analysis of the efficient frontier and the capital asset pricing method, insurance liability and estimates of expected loss. This course culminates in a capstone project. (Prerequisites: MATH215 and MATH357).

MATH420. Capstone: Mathematics (2).

Students will deepen their understanding of the content of core undergraduate mathematics courses while investigating the relevance of mathematics to other fields of study. Among those instruments used to assess student performance will be a written report. An oral presentation is also required. (Prerequisite: MATH313). Spring.

MATH451. Independent Study (1-3).

Advanced topics for students planning further study in mathematics. (Prerequisites: B average in mathematics and permission of department chair).

MATH499. Advanced Experimental Course (1-3).

Courses in Business Administration- Management **(MGMT)**

MGMT199. Exploratory Internship (1-3).

MGMT243. Organizational Behavior (3).

This course provides a comprehensive analysis of individual and group behavior in organizations. Its purpose is to provide an understanding of how organizations can be managed more effectively and at the same time enhance the

quality of employees work life. (Prerequisite: BUS101). Open to freshmen. Fall, Spring.

MGMT299. Experimental Course (1-3).

MGMT330W. Non-Profit Organizations (3) (WRITING INTENSIVE)

This course will introduce students to the unique nuances of how to create and sustain a non-profit organization, focusing largely on the development of a project proposal that is funded through grants found from government agencies or private foundations. Students will have the opportunity to practice searching for grants, developing projects that align with non-profit business goals and objectives, and formulating budgets that align with monetary solicitation. (Prerequisite: MGMT243)

MGMT342. Information Technology and Project Management (3).

Issues of the information-age organization including the role of information and technology in creating and maintaining competitive advantage and managing projects. Explores the roles of the internet in creating new business models, including e-commerce, business-to-business computing and enterprise systems. (Prerequisites: MGMT243 and CIS140).

MGMT343. Production and Operations Management (3).

Quantitative and qualitative dimensions of problem solving and decision making for production and operations managers. Coverage includes planning, organizing and controlling conversion systems in both manufacturing and non-manufacturing industries. (Prerequisites: BUS101, MATH104 or higher Math completed).

MGMT344. Human Resource Management (3).

Qualitative and quantitative methods of improving productivity and the quality of work life. Topics include government regulations influencing the work environment; human resource planning; recruitment, selection and development of the work force; motivation of individuals and groups; performance appraisal methods; and the nature and development of compensation programs. (Prerequisite: MGMT243). Fall, Spring.

MGMT347. Management of Multinational Firms (3).

The development and functioning of the multinational firm, emphasizing and explaining the differences from the purely domestic enterprise. Topics include global strategic

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planning; international production, supply, personnel and contract negotiation; firm-host government relations; international trade and foreign investment; and foreign investment in the U.S. (Prerequisite: MGMT243).

MGMT348. Industrial/Organizational Psychology (3).
See PSYC348 for course description.

MGMT351. Supply Chain Management I: Forecasting & Logistics (3).

This course provides a broad overview of the planning and execution of customer demand. It is divided into two parts: forecasting and logistics. (Prerequisite: MGMT343).

MGMT352. Supply Chain Management II: Sourcing & Operations (3).

This course provides an overview of sourcing and operations. Course covers: supplier selection, supplier segmentation, make vs. buy decisions and supplier relationships. Students will learn the Lean Inventory methodology and the Six Sigma methodology. (Prerequisite: MGMT351).

MGMT353. Supply Chain Management III: Simulation (3).

This course encapsulates all of the skills that students have learned in Supply Chain Management I and II, and asks students to apply these skills toward solving full scale supply chain challenges. (Prerequisites: MGMT351 and MGMT352).

MGMT354. Supply Chain Management Technologies (3).

This course covers relevant supply chain technologies and systems, specifically focusing on ways to create efficient and effective outcomes. Students will survey the systems that enable the supply chain in best-in-class supply chain organizations in order to understand how information flows throughout the supply chain. (Prerequisite: MGMT352)

MGMT355. Supply Chain in Action (3).

Everything from preparing for a concert to getting COVID supplies into the community relies on the existence of effective supply chains. In this course, you'll learn about the application of supply chain systems to real-world functions. Students will focus on strategies and application of supply chains through emphasis on how it intersects with business as well as national and global interests. (Prerequisite: MGMT352)

MGMT360. Employment and Labor Law (3).

An overview of laws and regulations that determine the rights and obligations of employees and employers. Topics

include the nature of the employment relationship and common law principles, prohibitions against discrimination, wage and hour law, etc. (Prerequisites: BUS305 and MGMT344).

MGMT361. Total Compensation Management (3).

A study of the total compensation management function in business, as evidenced through the human resources framework. Major areas of activity will include job analysis, job evaluation, establishing pay structures and benefits. (Prerequisite: MGMT344).

MGMT362. Human Resource Risk Management (3).

Examines the scope and roles of HR in the occupational health and safety arena, the fundamental components of comprehensive programs, and the interplay between these considerations and how important HR professionals are in their success. (Prerequisite: MGMT344).

MGMT370. Introduction to Project Management (3).

This course introduces students to vital project-management concepts, including foundational principles and the life-cycle of projects. Students will also develop an understanding of how individual projects, and the larger programs they make up, fit within the context of an organization. Course covers two basic approaches to project management, waterfall (predictive) and agile. (Prerequisite: BUS101).

MGMT371. Project Planning (3).

Course provides students with a deep understanding of the rudiments of project planning: scope, time, cost, resources, risk, and quality. Students will also learn how to leverage resources, and how managing risk, quality, and stakeholder expectations are critical to the definition of project success. (Prerequisite: MGMT370).

MGMT372. Project Execution, Monitoring & Control, Implementation & Closure (3).

This course covers project execution, monitoring/control, implementation/handover, DevOps, and project closure. This course is intended to finalize a student's preparation for their Project Management Practicum. (Prerequisite: MGMT371).

MGMT399. Professional Internship (1-12).

MGMT443. Supply Chain Management (3).

Examines the activities necessary for effective supply chain management. Topics include design strategy, forecasting, sourcing strategy, logistics, global issues, performance

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measurement and Enterprise Resource Planning. (Prerequisite: MGMT342 or MGMT343).

MGMT451. Independent Study (1-3).

(Prerequisite: permission of Business Department).

MGMT460. Training and Development (3).

An advanced course designed to develop knowledge and skill in the design, development, delivery and evaluation of organizational and job-related training and performance improvement programs. (Prerequisite: MGMT344).

MGMT470. Advanced Project Management Practicum (3).

This course is intended as a culmination of a student's work in the Project Management major. Students will work in groups to manage a simulated project from scope to completion. This course will also provide students with an overview of the product life-cycle, governance, and other topics to help contextualize project work. (Prerequisite: MGMT372).

MGMT499. Advanced Experimental Course (1-3).

Courses in Military Science (MIL)

MIL101. Introduction to the Army (1)

Introduces students to issues and competencies that are central to a commissioned officer's responsibilities. Establishes a framework for understanding leadership, officership, Army values, physical fitness and time management. Enrollment in this course includes enrollment in a required Leadership Lab.

MIL102. Foundations of Agile and Adaptive Leadership (1)

Builds upon the basic leadership fundamentals introduced in MIL101 and includes lessons in goal setting, problem solving, critical thinking, values clarification, leadership and followership, and introduces techniques for improving listening and speaking skills. Enrollment in this course includes enrollment in a required Leadership Lab

MIL201. Leadership and Decision Making (2)

Identifies successful leadership characteristics through observation of others and self, using experiential learning exercises designed to teach students how to communicate, how to build teams and how to plan and organize effectively. Enrollment in this course includes enrollment in a required Leadership Lab.

MIL202: Army Doctrine and Team Development (2)

Students examine how to build successful teams, including methods for influencing action and achieving goals, effective communication techniques, values and ethics, problem solving and physical fitness. Enrollment in this course includes enrollment in a required Leadership Lab.

MIL301: Training Management and the Warfighting Functions (3)

Students assess leadership abilities, plan and conduct individual and small unit training, and apply basic tactical principles and reasoning skills. Enrollment in this course includes enrollment in a required Leadership Lab.

MIL302. Applied Leadership in Small Unit OPS (3)

Examines the role that communications, values and ethics play in effective leadership. Topics include ethical decision making, consideration of others and Army Leadership Doctrine. Enrollment in this course includes enrollment in a required Leadership Lab.

MIL401. The Army Officer (3)

Develops student proficiency in planning and executing complex operations, functioning as a member of a staff and mentoring subordinates. Students explore the Army's training management system, methods of effective staff collaboration and developmental counseling techniques.

MIL402. Company Grade Leadership (2)

Course includes a case study analysis of military law and practical exercises on establishing an ethical command climate. Students complete a semester-long Senior Leadership Project that requires them to plan, organize, analyze and demonstrate their leadership skills.

MIL480. United States Military History (2)

An in-depth study of the battle and its place in American history, examining combat leadership and the decision making process at both the operational and tactical level.

Courses in Business Administration- Marketing (MKTG)

MKTG199. Exploratory Internship (1-3).

MKTG230. Marketing (3).

The nature and significance of marketing, its functions and institutions; the market for consumer goods; consumer motivation and behavior; policies and practices, research,

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development, physical distribution, price and non-price competition; and governmental relationships to marketing activities. Coverage includes the commodity, functional and institutional approaches to the study of marketing, supplemented by case studies and computer problems. Fall, Spring.

MKTG299. Experimental Course (1-3).

MKTG331. Marketing Research (3).

Development of the skills necessary to specify and use market and buyer information in defining marketing problems and making marketing decisions. Applied marketing research problems are investigated through readings, case subjects and computer analysis using the SPSS system and an original marketing research project is undertaken. (Prerequisites: MKTG230 and MATH204 or MATH304).

MKTG332. Consumer Behavior (3).

Theory and research related to consumer behavior, including such topics as the role of personality, motivational, perceptual, learning and attitudinal variables; family and cultural influences; and various decision-making models. (Prerequisite: MKTG230).

MKTG333. Advertising and Promotions Management (3).

Provides an understanding and evaluation of the advertising function within the modern business environment. Topics relate to the promotional mix from a manager's point of view, including decisions about promotional campaign design, budgeting, message and media selection and measurement of effectiveness. Special emphasis on social and ethical aspects of the advertising program. (Prerequisites: MKTG230 and MKTG339).

MKTG334. Retailing (3).

A comprehensive upper-level management view of retail decision making. The emphasis is on strategic, business-level and functional processes in the retail chain system, applying marketing, management, finance and accounting principles in the retail environment. A group case analysis is required. (Prerequisite: MKTG230).

MKTG335. Sales Management (3).

The role of sales management in achieving strategic and marketing objectives. The emphasis is on account management, policy, structure, forecasting, territory design, quota setting, recruitment and selection, training, motivation and compensation system design. (Prerequisite: MKTG230).

MKTG337. International Marketing (3).

Methods of establishing and servicing foreign markets amid the complexities of differing cultural, legal and business environments. The emphasis is on pricing, promotion and channels of distribution. Coverage includes discussion of exporting, importing and tariff barriers. (Prerequisite: MKTG230).

MKTG338. Brand Management (3).

The brand management course focuses on initiating, building and maintaining brand identity for start-ups, small companies and large organizations. Integrated marketing techniques used to build brands as well as the evolving role of the brand manager are covered. A team-based practicum on building a brand is included. (Prerequisite: MKTG230).

MKTG339. Social Media Marketing (3).

This course will provide an in-depth look at social media from a marketing perspective through a focus on social networks, social media platforms, online and mobile platforms as marketing tools. The role and impact of these venues will be studied via experiential learning activities. (Prerequisite: MKTG230 or permission of instructor). Fall, Spring.

MKTG340. Relationship-Drive Professional Selling (3).

Course covers selling from prospecting through relationship building and will equip students with the knowledge, skills, and attitudes necessary to succeed in a professional selling position. (Prerequisite: MKTG230).

MKTG341. Negotiation and Sales in Business (3).

This course focuses on conducting negotiations. Students will explore the dynamics of conflicts that emerge during negotiations, explore their own negotiating styles, and discuss ethical implications of negotiations. (Prerequisite: MKTG230).

MKTG342. Sales Leadership (3).

Course is designed to be a "learning laboratory" for exploring key sales and management concepts related to the sales function. Course covers data analysis and evaluation, sales coaching, and decision-making for sales leaders. (Prerequisite: MKTG340).

MKTG350. Email Marketing (3).

This course will teach students how to craft successful email marketing campaigns when targeting business or individual customers. Students will also learn how to use email

Course Descriptions

campaigns for customer engagement and activation. (Prerequisites: MKTG230 and BUS242).

MKTG351. Search Engine Optimization/ Search Engine Marketing (3).

Search Engine Optimization (SEO) and Search Engine Marketing (SEM) help companies become more visible to customers. This course introduces students to optimization and how to use these tools to drive lead generation. (Prerequisite: MKTG230).

MKTG352. Digital Marketing Analytics (3).

In this course, students will learn how to analyze digital customer behavior data using a range of tools, and use that data to test marketing hypotheses and improve customer acquisition. (Prerequisites: MATH104 or higher Math and MKTG339).

MKTG353. Viral & Organic Growth (3).

The course is tended to teach students what drives uses to share content, how to build shareable content, and how to run contests and perform other activates that tend to lead to viral or organic growth. (Prerequisite: MKTG339).

MKTG399. Professional Internship (1-12).

MKTG440. Advanced Relationship-Driven Selling (3).

Course focuses on the planning and research necessary to be a credible and compelling salesperson. Course topics include pre-call preparation and research, understanding building and driving value, and relationship-driven account development. (Prerequisite: MKTG340).

MKTG451. Independent Study (1-3).

(Prerequisite: permission of Business Department).

MKTG499. Advanced Experimental Course (1-3).

Courses in Modern Languages and Cultures (MLCX)

Arabic (MLCA)

MLCA101. Arabic I (3) (LANGUAGE, NON-WESTERN).

Introduction to the Arabic language with a focus on speaking and listening comprehension. Students are introduced to aspects of Arabic culture and life in the Middle East and the U.S. (Co-requisite: MLCA101L). Fall as needed.

MLCA101L. Arabic I Lab (1)

(LANGUAGE, NON-WESTERN).

Intense, student-centered reinforcement of practical language skills, with an emphasis on writing, media resources, and real-world language applications. (Co-requisite: MLCA101). Fall as needed.

MLCA102. Arabic II (3) (LANGUAGE, NON-WESTERN).

Continued development of Arabic language skills at the novice level with a focus on speaking and listening comprehension. Further exploration of Arabic culture. (Prerequisites: MLCA101 and MLCA101L; Co-requisite: MLCA102L). Spring as needed.

MLCA102L. Arabic II Lab (1) (LANGUAGE, NON-WESTERN).

Intense, student-centered reinforcement of practical language skills, with an emphasis on writing, media resources, and real-world language applications. (Prerequisites: MLCA101 and MLCA101L; Co-requisite: MLCA102). Spring as needed.

French (MLCF)

MLCF101. French I (3) (LANGUAGE).

Development of listening, speaking, reading and writing skills in French. Introduction to the cultures of French-speaking countries. (Co-requisite: MLCF101L). Fall.

MLCF101L. French 1 Lab (1) (LANGUAGE).

Intense, student-centered reinforcement of practical language skills, with emphasis on conversation, writing, media resources, and real-world language applications. (Co-requisite: MLCF101). Fall.

MLCF102. French II (3) (LANGUAGE).

Further development of listening, speaking, reading and writing skills in French. Introduction to the cultures of French-speaking countries. (Prerequisites: MLCF101 and MLCF101L or equivalent; Co-requisite: MLCF102L). Spring.

MLCF102L. French II Lab (1) (LANGUAGE).

Intense, student-centered reinforcement of practical language skills, with emphasis on conversation, writing, media resources, and real-world language applications. (Prerequisites: MLCF101 and MLCF101L or equivalent; Co-requisite: MLCF102). Spring.

MLCF201. French III (3).

Review and further development of speaking, listening, reading, writing skills. Readings on cultures of French-

Course Descriptions

speaking peoples and representative French-language literary works. (Prerequisite: MLCF102 and MLCF102L or equivalent; Co-requisite: MLCF201L). Fall.

MLCF201L. French III Lab (1).

Writing, discussion, and textual-analysis laboratory to accompany MLCF201. (Prerequisite: MLCF102 and MLCF102L or equivalent; Co-requisite: MLCF201). Fall.

MLCF204. French IV (3).

Continued development of intermediate French proficiency. Readings and discussions of excerpts from Francophone literatures. (Prerequisite: MLCF201 and MLCF201L; Co-requisite: MLCF204L). Spring.

MLCF204L. French IV Lab (1).

Writing, discussion, and textual-analysis laboratory to accompany MLCF204. Emphasis will be placed on different writing genres, as well as peer editing. (Prerequisite: MLCF201 and MLCF201L; Co-requisite: MLCF 204). Spring.

German (MLCG)

MLCG101. German I (3) (LANGUAGE).

Development of novice German proficiency in listening, speaking, reading, and writing skills (with an emphasis on speaking and listening). Introduction to the cultures of German-speaking countries. (Co-requisite: MLCG101L). Fall.

MLCG101L. Text & Discourse (1) (LANGUAGE).

Intense, student-centered reinforcement of practical language skills, with an emphasis on writing and current German-language media. (Co-requisite: MLCG101). Fall.

MLCG102. German II (3) (LANGUAGE).

Continued development of novice German proficiency (with an emphasis on speaking and listening) and exploration of the cultures of German-speaking countries. (Prerequisites: MLCG101 & MLCG101L or equivalent; Co-requisite: MLCG102L). Spring.

MLCG102L. Text & Discourse (1).

Intense, student-centered reinforcement of practical language skills, with an emphasis on writing and current German-language media. (Prerequisites: MLCG101 & MLCG101L or equivalent; Co-requisite: MLCG102). Spring.

MLCG211. The Immigrant Experience in Germany (3) (HUMANITIES, NON-WESTERN).

Germany is one of the world's top destinations for permanent migration. The course explores issues surrounding immigration from native German and immigrant perspectives. Intermediate grammar review and practice support coursework and discussions. (Prerequisites: MLCG102 and MLCG102L).

MLCG212. German Cinema I (3) (HUMANITIES).

Survey of German film productions in its historical and social context from 1895 to 1945. Intermediate grammar review and practice support coursework and discussions. (Prerequisites: MLCG102 and MLCG102L).

MLCG213. German Colonialism (3) (HUMANITIES, NON-WESTERN).

Survey of German colonialism from the first colonies of individual state to colonies of the Deutsches Reich (1871-1918). Focus placed on experiences of populations under colonialism. Intermediate grammar review and practice support coursework and discussions. (Prerequisites: MLCG102 and MLCG102L).

MLCG214. German Cinema II (3) (HUMANITIES).

Survey of German film production in its historical and social context from 1945 to present. Intermediate grammar review and practice support coursework and discussions. (Prerequisites: MLCS102 and MLCG102L).

MLCG215. German Music History (3) (HUMANITIES).

Overview of German music in its historical context from the 12th century to the present. Intermediate grammar review and practice support coursework and discussions. (Prerequisites: MLCG102 and MLCG102L).

MLCG216. Amerika (3) (HUMANITIES).

Survey of representations of the United States in the German imagination from the Waldseemueller Map to the present. Intermediate grammar review and practice support coursework and discussions. (Prerequisites: MLCG102 and MLCG102L).

MLCG331. Nazi Propaganda (3) (HUMANITIES).

A survey of the historical development of Nazi propaganda in film, text, and other media. Analysis will draw from persuasion research in psychology and linguistics. Course conducted in English. If taken for German credit, readings and writings in German. (Prerequisite: completion of 6 hours of MLCG211-MLCG216 or CCC101). Alternating Springs.

MLCG332. Holocaust & Memory (3) (HUMANITIES).

Course Descriptions

Examination of the Holocaust, its victims, bystanders, and perpetrators through the intersection of historical narrative, memory studies, and identity construction. Course conducted in English. If taken for German credit, readings and writings in German. (Prerequisite: completion of 6 hours of MLCG211-MLCG216 or CCC101). Alternating Springs.

MLCG351. Professional Portfolio (3).

Development of a substantial on-line portfolio of professional genres relevant to student career goals. All compositions undergo the process of peer editing and revision. Formal language instruction included as needed. (Prerequisite: completion of 6 hours of MLCG211-MLCG216; CCC101 when taken for writing intensive credit). Fall as needed.

MLCG361. Conversation: Professional German (1).

Development of conversational skills relevant to common workplace interactions and interviews. (Prerequisite: MLCG102 or equivalent). Fall as needed.

MLCG362. Conversation: Leisure & Games (1).

Development of conversational skills related to leisure activities. Also includes oral and cultural proficiency development through game playing. (Prerequisite: MLCG102 or equivalent). Spring as needed.

MLCG363. Conversation: Flora & Fauna (1).

Development of ability to talk about common plants and animals. Plant units involve campus walking tours. (Prerequisite: MLCG102 or equivalent). Fall as needed.

MLCG364. Conversation: The Human Body (1).

Development of the ability to talk about the human body: its basic external and internal anatomy, its functions, and its ailments. Special attention given to body-related language that is used metaphorically in multiple domains. (Prerequisite: MLCG102 or equivalent). Spring as needed.

MLCG365. Conversation: Social Simulations (1).

Development of conversational skills and politeness required in various social scenarios. Further development of cultural competency for the German-speaking world. (Prerequisite: MLCG102 or equivalent). Fall as needed.

MLCG366. Conversation: Scientific German (1).

Development of conversational ability in the topics of technology and basic chemistry (including the elements and common compounds). Discussion of current science and tech news in the German media. (Prerequisite: MLCG102 or equivalent). Spring as needed.

Japanese (MLCJ)

MLCJ101. Japanese I (3) (LANGUAGE, NON-WESTERN).

Development of listening, speaking, reading, and writing skills in Japanese, with an introduction to Japanese culture. (Co-requisite MLCJ101L). Fall.

MLCJ101L. Japanese I Lab (1) (LANGUAGE, NON-WESTERN).

Intense, student-centered reinforcement of practical language skills, with emphasis on conversation, writing, media resources, and real-world language applications. (Co-requisite: MLCJ101). Fall.

MLCJ102. Japanese II (3) (LANGUAGE, NON-WESTERN).

Continued development of listening, speaking, reading, and writing skills in Japanese, with an introduction to Japanese culture. (Prerequisites: MLCJ101 and MLCJ101L; Co-requisite: MLCJ102L). Spring.

MLCJ102L. Japanese II Lab (1) (LANGUAGE, NON-WESTERN).

Intense, student-centered reinforcement of practical language skills, with emphasis on conversation, writing, media resources, and real-world language applications. (Prerequisites: MLCJ101 and MLCJ101L; Co-requisite: MLCJ102). Spring.

MLCJ201. Japanese III (3) (NON-WESTERN).

Further development of aural-oral, reading, writing, and cultural recognition skills in Japanese. Topical essays and literature selections will form the basis for written work and discussions. (Prerequisites: MLCJ102 and MLCJ102L; Co-requisite: MLCJ201L). Fall.

MLCJ201L. Japanese III Lab (1) (NON-WESTERN).

Intense, student-centered reinforcement of practical language skills, with emphasis on conversation, writing, media resources, and real-world language applications. (Co-requisite: MLCJ201). Fall.

MLCJ202. Japanese IV (3) (NON-WESTERN).

Further development of aural-oral, reading, writing, and cultural recognition skill in Japanese. Topical essays and literature selections will form the basis for written work and discussions. (Prerequisites: MLCJ201 and MLCJ201L; Co-requisite: MLCJ202L). Spring.

MLCJ202L. Japanese IV Lab (1) (NON-WESTERN).

Intense, student-centered reinforcement of practical language skills, with emphasis on conversation, writing,

Course Descriptions

media resources, and real-world language applications. (Co-requisite: MLCJ202). Spring.

MLCJ210. Japanese Literature in Translation (3) (HUMANITIES, NON-WESTERN).

We will read Japanese literature in English, including epic, novels, short stories, and manga. We investigate Japan as it moves from isolation to impact with the West through the literature that both reflects and shapes that society. We read “high” literature and “pop” literature, including anime, manga, and feature films. Offered as needed.

MLCJ215. Japanese Film (3) (HUMANITIES, NON-WESTERN).

This course investigates the language and culture of Japan through its films. Studying topics in Japanese films, students are exposed to an Asian iteration of a quintessentially Western art form. Topics may include Anime, Film Survey, Jidaigeki, Silent Films, or the films of a single auteur. This course may be repeated once for credit, provided the course topic is different from the course previously taken. No prior knowledge of Japanese language necessary. (Co-requisite: MLCJ215L). Offered as needed.

MLCJ215L. Japanese Film Lab (1) (HUMANITIES, NON-WESTERN).

Intense, student-centered discussion of Japanese film, with an emphasis on connections to film theory, the corpus of Japanese films studied in class, and theories of cultural diversity. (Co-requisite: MLCJ215). Offered as needed.

MLCJ250. Japanese Special Topics (1-3) (NON-WESTERN).

Designed particularly for non-majors, the course can be repeated with a different topic. No prior knowledge of Japanese language necessary. Open to freshmen.

MLCJ350. Advanced Japanese Language (3) (NON-WESTERN).

Listening, reading, and speaking skills integrated with writing. Emphasis is on kanji acquisition and writing in Japanese. Repeatable once for credit. (Prerequisites: MLCJ201 and MLCJ201L or equivalent). Offered as needed.

American Sign Language (MLCH)

MLCH101. American Sign Language I (3) (LANGUAGE).

Development of novice level expressive skills in American Sign Language with an emphasis on conversation style. (Co-requisite: MLCH101L). Fall.

MLCH101L. Deaf Culture & Language Lab I (1) (LANGUAGE).

Introduction to and exploration of deaf culture, the history of ASL in the United States, and practice in fingerspelling and numbering in ASL. (Co-requisite: MLCH101). Spring.

MLCH102. American Sign Language II (3) (LANGUAGE).

Continued development of novice level expressive skills in American Sign Language with an emphasis on conversation style. (Prerequisites: MLCH101 and MLCH101L; Co-requisite: MLCH102L). Spring.

MLCH102L. Deaf Culture & Language Lab II (1) (LANGUAGE).

Continued exploration of deaf culture, the history of ASL in the United States, and practice in fingerspelling and numbering in ASL. (Prerequisites: MLCH101 and MLCH101L; Co-requisite: MLCH102). Spring.

Linguistics (MLCL)

MLCL101. Introduction to Linguistics (3) (SOCIAL SCIENCE).

Introduction to the scientific study of human language. Major topics include phonetics, phonology, morphology, syntax, and semantics. Additional topics may include: cognitive linguistics, pragmatics, sociolinguistics, speech pathology, gesture, development, and bilingualism. Students may be required to participate in experiments (or complete an alternative assignment). Fall as needed.

Spanish (MLCS)

MLCS101. Spanish I (3) (LANGUAGE).

Development of novice Spanish proficiency in listening, speaking, reading, and writing skills. Introduction to the cultures of the Spanish-speaking nations, including the United States. (Co-requisite: MLCS101L). Fall

MLCS101L. Spanish I Lab (1) (LANGUAGE).

Intense, student-centered practical reinforcement of language skills, with emphasis on conversation, writing, media resources, and real-world language applications. (Co-requisite: MLCS101; must pass both MLCS101 and MLCS101L to continue to MLCS102 and MLCS102L). Fall.

Course Descriptions

MLCS102. Spanish II (3) (LANGUAGE).

Further development of novice Spanish proficiency in listening, speaking, reading, and writing skills. Introduction to the cultures of the Spanish-speaking nations, including the United States. (Prerequisites: MLCS101 and MLCS101L; Co-requisite: MLCS102L). Fall, Spring.

MLCS102L. Spanish II Lab (1) (LANGUAGE).

Continued practical reinforcement of language skills, with emphasis on conversation, writing, media resources, and real-world language applications. (Co-requisite: MLCS102; must pass both MLCS102 and MLCS102L to fulfill language requirement). Fall, Spring.

MLCS201. Spanish III (3).

Continued development of speaking, listening, reading and writing, with topical essays and real-world texts as the basis for written work and discussion. (Prerequisites: MLCS102 and MLCS102L; Co-requisite: MLCS201L). Fall.

MLCS201L. Spanish III Lab (1).

Writing, discussion, and textual-analysis laboratory to accompany MLCS201. (Co-requisite: MLCS201). Fall.

MLCS202. Spanish IV (3).

Additional development of speaking, listening, reading, and writing in Spanish, with films, television, and the discussion of current events. Emphasis will be placed on the varied cultures of the Spanish-speaking peoples in the US, Latin America, and Spain. (Prerequisites: MLCS201 and MLCS201L; Co-requisite: MLCS202L). Spring.

MLCS202L. Spanish IV Lab (1).

Writing, discussion, and textual-analysis laboratory to accompany MLCS202. Emphasis will be placed on different writing genres, as well as peer editing. (Co-requisite: MLCS202). Spring.

MLCS215. Spanish for Social Services, Criminal Justice and the Health Professions (3).

For future professionals in business, social services, education, health, and law enforcement. Students will work as a group on common language functions, as well as individually to develop vocabulary and language skills specific to their disciplines. (Prerequisites: MLCS202 and MLCS202L; Co-requisite: MLCS215L).

MLCS215L. Spanish for Social Services, Criminal Justice and the Health Professions Lab (1)

Students will work individually, with instructor's guidance, to develop language and vocabulary skills specific to their future profession. (Co-requisite: MLCS215).

MLCS216. Spanish for Business, Marketing and Management (3).

A review of Spanish language, grammar and cultural practice as it related to the business world internationally and in the U.S. Emphasis will be placed on finance and economics, marketing, advertising, and workplace culture among the Spanish-speaking peoples. (Prerequisites: MLCS202 and MLCS202L).

MLCS216L. Spanish for Business, Marketing and Management Lab (1).

A review of Spanish language, grammar and cultural practice as it related to the business world internationally and in the U.S. Emphasis will be placed on finance and economics, marketing, advertising, and workplace culture among the Spanish-speaking peoples. (Prerequisites: MLCS202 and MLCS202L).

MLCS220. Intermediate Spanish Conversation (2).

Development of speaking and comprehension skills in Spanish, through pronunciation practice, review of grammar and structures, vocabulary-building activities, dialogues, individual reports, discussions, enhanced with use of audio-visual aids. (Prerequisites: MLCS102 and MLCS102L or equivalent). Open to freshmen. Fall.

MLCS310. Spanish Peninsular Literature & Culture (3) (HUMANITIES).

Reading and discussion of major works of Spain and their cultural relevance. The course addresses higher-level language skills in Spanish while developing a knowledge base of Spanish literature and culture. Repeatable once for credit. (Prerequisites: MLCS202 and MLCS202L or equivalent; Co-requisite: MLCS310L). Spring.

MLCS310L. Spanish Peninsular Literature & Culture Lab (1) (HUMANITIES).

Writing and discussion workshop to accompany MLCS310. (Prerequisites: MLCS202 and MLCS202L or equivalent; Co-requisite: MLCS310). Spring.

MLCS320. Spanish-American Literatures & Cultures (3) (HUMANITIES).

Reading and discussion of major works of Mexican, Central and South American, and US Latino/a literature. Focus on higher-level language skills in Spanish and the cultural diversity of the Spanish-speaking peoples in the Americas. Repeatable once for credit. (Prerequisites: MLCS202 and MLCS202L or equivalent; Co-requisite: MLCS320L). Fall.

MLCS320L. Spanish-American Literatures & Cultures Lab (1) (HUMANITIES).

Course Descriptions

Writing and discussion workshop to accompany MLCS320. (Prerequisites: MLCS202 and MLCS202L or equivalent; Co-requisite: MLCS320). Fall.

MLCS340. The Spanish-Speaking World (3).

Overview of the history, geography, societies and institutions of the Spanish-speaking peoples throughout the world. This course will help students to prepare for the Michigan Teacher Certification Test in Spanish, although it is not limited to Teacher Education students. (Prerequisites: MLCS202 and MLCS202L or equivalent; Co-requisite: MLCS340L). Spring.

MLCS340L. The Spanish-Speaking World Lab (1).

Writing and discussion workshop to accompany MLCS340. Emphasis will be placed on peer-editing activities. (Prerequisites: MLCS202 and MLCS202L or equivalent; Co-requisite: MLCS340). Spring.

MLCS350. Advanced Spanish Language (3).

Listening, speaking and reading integrated with writing skills. Emphasis is on the process and steps for writing successfully in Spanish. Repeatable once for credit. (Prerequisites: MLCS202 and MLCS202L or equivalent; and CCC102 when taken as a Writing Intensive course; Co-requisite: MLCS350L). Spring.

MLCS350L. Advanced Spanish Language Lab (1)

Peer-editing workshop to accompany MLCS350. Emphasis will be placed on editing and revision activities. (Prerequisites: MLCS202 and MLCS202L or equivalent; and CCC102 when taken as a Writing Intensive course; Co-requisite: MLCS350). Spring.

MLCS360. Advanced Spanish Conversation (2).

Newspapers, magazines, television and radio as source material for topics discussed. Repeatable once for credit. (Prerequisites: MLCS202 and MLCS202L or equivalent). Spring.

MLCS370. Hispanic Film (3). (Humanities)

This course explores Spanish Language film from the 20th and 21st centuries, as well as its cultural impact on history and Spanish speaking societies. The course will examine major Hispanic films, filmmakers, directors and cinematic periods. (Prerequisites: MLCS102 and MLCS102L).

MLCS370L. Hispanic Film Lab (1). (Humanities)

This course explores Spanish Language film from the 20th and 21st centuries, as well as its cultural impact on history and Spanish speaking societies. The course will examine

major Hispanic films, filmmakers, directors and cinematic periods. (Prerequisites: MLCS102 and MLCS102L).

Special and Advanced Courses

MLCX199. Exploratory Internship (1-3).

MLCX250. Special Topics (1-3).

Designed particularly for non-majors, the course can be repeated with a different topic.

MLCX299. Experimental Course (1-3).

MLCX399. Professional Internship (1-12).

MLCX451. Independent Study (1-3).

Advanced study in areas beyond regular course offerings. (Prerequisite: departmental permission).

MLCX490. Study Abroad Capstone Seminar (1).

Students returning from a study abroad semester will present a portfolio of journals and essays to reflect on their experience. Specific topics to be addressed: The relationship between language and culture, the student's self-understanding as a language learner, and the impact of the study-abroad experience on the student's chosen career as a teacher or professional. Required for Teacher Ed majors and minors, recommended for other language majors. (Prerequisite: Study Abroad). Spring.

MLCX491. Senior Research (2).

Majors conduct extensive research on a topic of their choosing and in conjunction with their advisor primarily in the target language. A bibliography and a 3 to 5-page prospectus is presented to the department. (Prerequisite: Senior standing and permission of department.) Fall, Spring.

MLCX492. Senior Research Presentation (2).

Twenty-page paper in the target language according to MLA style, along with a 3 to 5-page English summary, presented to the Department and the College. (Prerequisite: MLC491). Fall, Spring.

MLCX499. Advanced Experimental Course (1-3).

Courses in Music (MUS)

Music Theory

First year music majors and minors must take a theory placement exam prior to registering for theory courses. Placement exams are offered during freshman orientation or by appointment.

Course Descriptions

MUS100: Foundations in Music Studies (2)

This course is intended to provide the foundational skills necessary for success as a music major or minor. Rudimentary concepts include the grand staff, key signatures, time signatures, notation, major and minor scales, simple and compound time, and chord construction. Concepts of ear training and basic keyboard skills will be introduced.

MUS101. Theory I (3).

Understanding the structure and function of the language of music with emphasis on modes, intervals, rhythm, cadences, melody writing, triads, non-chord tones, first species counterpoint, and four-part harmonic structures. (Prerequisite: MUS100 or placement exam Corequisite: MUS103). Fall, Spring.

MUS105. Essentials of Music for Elementary Teachers (2).

Development of fundamental skills required to teach elementary classroom music; incorporates song material which can be applied in the instruction of children. (Prerequisite: Elementary Education program permission). Spring.

MUS106. Music in Film (3) (ARTS).

This course will study the interaction of music and imagery in film, with an emphasis on the mature of musical meaning. The history and development of film music and its impact on the audience will be examined through lectures, readings, and screenings.

MUS107. Introduction to Music (3) (ARTS).

Explores the development of music from antiquity to the present day, helping students develop an appreciation for and understanding of a wide variety of musical styles and techniques. Emphasizes Western Art Music as well as non-Western and popular music. Fall.

MUS110. Music Activities (1-3).

Participation in an activity of particular interest to students of music and faculty. Examples may be pit orchestra, opera chorus, assistant director. Open to all college students. (Prerequisite: permission of department). No more than eight hours of combined credit in communication, theatre and music activities, including lessons and ensembles, may be applied towards graduation credit.

MUS113. Popular Music in America (3) (ARTS).

This course offers a survey of American Popular Music from the nineteenth century to the present day. Beginning with

Tin Pan Alley and Broadway, this course traces major developments in American popular music, such as rock and roll, country music, soul, funk, disco, punk rock, and hip-hop. These developments will be examined alongside the social, political, racial, economic, and cultural contexts of the genre.

MUS114. History of Rock & Roll (3) (ARTS)

This course offers a survey of Rock & Roll music, from its beginnings to the present day. Moving decade by decade, the course presents the evolution of the music through the artists, world events, historical figures, and popular attitudes that led to the many different subgenres of the art form prevalent today.

MUS115. Keyboard I (1).

Basic keyboard skills. Focus on scales, chord construction, arpeggios, and simple songs.. Fall, Spring.

MUS 205. Theory II (3).

Understanding the structure and function of the language of music with emphasis on harmonic analysis and part-writing, seventh chords, modulation, secondary dominant chords, and binary and ternary forms.

(Prerequisite: MUS101; Co-requisites: MUS206). Fall, Spring.

MUS103. Aural Skills I (2).

Perception of rhythm, melody, harmony and form through solfege and aural dictation, with emphasis on major keys in duple and compound time. (Prerequisite: MUS100 or placement exam; Co-requisite: MUS101). Fall, Spring.

MUS120. String Methods (1).

Develop skills to model and work effectively with students on all string instruments in group beginning instrument classes. Students gain knowledge and skills for rehearsing large groups in elementary and secondary ensemble settings. (Prerequisite: permission for department). Spring.

MUS122. Brass Methods (1).

Develop skills to model and work effectively with students on all brass instruments in group beginning instrument classes. Students gain knowledge and skills for rehearsing large groups in elementary and secondary ensemble settings. (Prerequisite: Written departmental permission). Fall.

MUS124. Percussion Methods (1).

Develop the skills to model and work effectively with students on all percussion instruments in group beginning instrument classes. Students gain knowledge and skills for rehearsing large groups in elementary and secondary

Course Descriptions

ensemble settings. (Prerequisite: Written departmental permission). Spring.

MUS126. Woodwind Methods (1).

Develop skills to model and work effectively with students on all woodwind instruments in group beginning instrument classes. Students gain knowledge and skills for rehearsing large groups in elementary and secondary ensemble settings. (Prerequisite: Written departmental permission). Fall.

MUS128. Singers Diction (English/French) (1).

Students shall learn rules of diction for English and French song literature. Techniques for preparing and performing songs, text analysis and translation, as well as the application of the International Phonetic Alphabet (IPA) will be incorporated. (Co-requisite: MUS237). Offered as needed.

MUS129. Singers Diction (Italian/German) (1).

Students shall learn rules of diction for Italian and German song literature. Techniques for preparing and performing songs, text analysis and translation, as well as the application of the International Phonetic Alphabet (IPA) will be incorporated. (Co-requisite: MUS237). Offered as needed.

MUS130. Voice Class (1) (ARTS).

The fundamentals of breath control and tone production, with emphasis on individual instruction in preparing and performing standard song literature. May be repeated for credit up to 3 semesters. Offered as needed.

MUS131. Foundations in Music Education (2).

Exploratory introduction to the basic philosophies and methodologies of music education. School observations, teacher interviews and classroom discussion provide context for subsequent courses in music and teacher education. Spring.

MUS140. Adrian College Choir (1) (ARTS).

Repertoire covers a wide variety of music ranging from classic to contemporary. Performances include concerts and special college events. Open to all students; no audition necessary. Fall, Spring.

MUS142. Piano Class (1) (ARTS).

For non-music majors who have had little or no keyboard training. Basic instruction in music reading and piano technique. May be repeated for credit up to 3 semesters.

MUS143. Guitar Class (1) (ARTS).

Introduces the fundamentals of guitar playing with emphasis on strumming, reading chord charts, and basic technique. May be repeated for credit up to 3 semesters. Offered as needed.

MUS145. Women's A Cappella Ensemble (1) (ARTS).

Students will rehearse and perform in a select ensemble of Women's voices, without instrumental accompaniment. A wide variety of repertoire will be explored, including pop music. Audition required.

MUS150. Lenawee Community Chorus (1) (ARTS).

Includes singers from the community and from Adrian College. Emphasis is on the performance of large choral works with orchestra. Open to all students. No audition necessary. Fall, Spring.

MUS152. Guitar Ensemble (1) (ARTS).

Students learn ensemble repertoire for guitar spanning classic to contemporary. Performances include campus events, concerts and recitals. Open to all students. (Prerequisite: MUS226). Offered as needed.

MUS160. Adrian College Chamber Choir (1) (ARTS).

Advanced repertoire ranging in style from classic to contemporary. Performs in concert and special events on campus and in the community. Annual choir tour. Audition required. Fall, Spring.

MUS163. Adrian Jazz Choir (1) (ARTS).

Students will rehearse and perform standard and contemporary jazz charts drawn from the 20th and 21st Century. Students will have the opportunity to perform on and off campus. Open to all students.

MUS165. Chamber Winds (1) (ARTS).

A chamber ensemble covering wind music of all style periods. Students will gain knowledge in the performance of chamber music with emphasis on balance, control, intonation and independence of parts. Performances are required outside of class. Open to all students.

MUS170. Adrian College Orchestra (1) (ARTS).

Students will rehearse and perform standard orchestra literature of the Classic, Romantic and Modern Eras. Students will participate in three or four concert events per year. Open to string players.

MUS173. Chamber Strings (1) (ARTS).

A chamber ensemble covering string music of all styles. Students will gain knowledge in the performance of

Course Descriptions

chamber music with emphasis on balance, control, intonation and independence of parts. Performances are required outside of class. Open to all students.

MUS175. Chamber Brass (1) (ARTS).

A chamber ensemble covering brass music of all styles. Students will gain knowledge in the performance of chamber music with emphasis on balance, control, intonation and independence of parts. Performances are required outside of class. Open to all students.

MUS178. Musical Theatre Orchestra (1)

Provides students with opportunities for musical growth in rehearsal and performance. A variety of musical theatre literature will be used as the medium to present a diverse exposure to related history and culture, as well as a forum to develop the crafts of individual and collective musical artisanship. Outcomes include a connection to learning through a lifetime, thinking critically, identifying problems and solutions, and engaging in creative arts. (Prerequisite: permission of instructor).

MUS180. Concert/Marching Band (1) (ARTS).

Students perform field shows in the fall and concert literature in the spring. Repertoire represents wide cross-section of traditional works. Performances include appearances at college events, field shows at football games and concerts. Open to all students. Fall, Spring.

MUS181. Drumline Techniques (1).

Students learn, practice and perform drumline drill in preparation for marching band. Open to all students. Offered as needed.

MUS183. Percussion Ensemble (1) (ARTS).

Students learn ensemble repertoire for traditional and non-traditional percussion spanning classic to contemporary and including world music. Performances include campus events, concerts and recitals. Open to all students. Spring.

MUS185. Jazz Ensemble (1) (ARTS).

The Jazz Ensemble is dedicated to the contemporary jazz idiom, concentrating on performing modern jazz and blues compositions. The ensemble offers many opportunities for learning and developing the techniques of improvisation and jazz performance. Emphasis is on performance excellence and jazz proficiency. Open to all students. Fall, Spring.

MUS187. Chamber Jazz (1) (ARTS).

A performance-based small jazz combo that emphasizes skill-building and improvisation over idiomatic jazz standard repertoire though the use of "lead sheets" and other

materials. Open to all appropriate instruments or voice, by audition or instructor's permission. Offered as needed.

MUS195. Chamber Music (1) (ARTS).

Selected students are incorporated into small ensembles to perform literature from all periods of music history. (Open to all students). Offered as needed.

MUS199. Exploratory Internship (1-3).

MUS 203. Aural Skills III (2).

Perception of rhythm, melody, harmony and form through solfège and aural dictation, with emphasis on chromatics, syncopation and modulation to closely related keys. (Prerequisite: MUS206; Co-requisites: MUS208). Fall, Spring.

MUS 206. Aural Skills II (2).

Perception of rhythm, melody, harmony and form through solfège and aural dictation, with emphasis on minor keys in duple and compound time. (Prerequisite: MUS103; Co-requisites: MUS205). Fall, Spring.

MUS 208. Theory III (2).

Understanding the structure and function of music with emphasis on two-voice 18th-century counterpoint, fugue, borrowed chords, Neapolitan and augmented 6th chords, variation techniques, sonata-allegro and rondo forms. (Prerequisite: MUS205; Co-requisites: MUS209). Fall, Spring.

MUS 209. Keyboard II (1).

Continuation of Keyboard I. Major and minor scales, chord construction, arpeggios, simple harmonic cadences, chord progressions, sight reading skills, and songs. (Prerequisite: MUS115). Fall, Spring.

MUS212. Opera Workshop (1).

Students explore various operatic roles through the preparation and performance of arias, scenes, and/or one acts. Singing, acting, and movement exercises provide practical experience and develop skills for performances and auditions. May be repeated for credit up to 3 semesters. (Prerequisite: permission of instructor; Co-requisite: MUS237). Fall.

MUS213. Musical Theatre Workshop (1).

Course Descriptions

Explore various musical theatre roles through the preparation and performance of songs or scenes. Singing, acting and movement exercises provide practical experience and develop skills for performances and auditions. May be repeated up to 3 semesters. (Prerequisite: permission of instructor; Co-requisite: MUS237). Spring.

MUS214. Theory III (1)

Understanding the structure and function of music with emphasis on two-voice 18th-century counterpoint, fugue, borrowed chords, Neapolitan and augmented 6th chords, variation techniques, sonata-allegro and rondo forms. (Prerequisite: MUS205; Corequisite: MUS209)

MUS 215. Keyboard III (1).

Continuation of Keyboard II. Major and minor scales in all key areas, construction of seventh chords, arpeggios in all key areas, chord progressions, sight reading, transposition of simple melodies and songs. (Prerequisite: MUS207). Fall, Spring.

MUS220-249. Applied Music (1) (ARTS).

Private instruction in all orchestral and band instruments, piano, organ, guitar and voice. The aim is thorough development of all phases of performance, technique, style, musicianship, memorization, interpretation, and repertoire. Music majors and minors are required to participate in juries at the end of each semester of applied study. Additional fees are required for these courses. See instructor for details on attendance. Music majors and minors must attend Studio Class every Tuesday at noon, concurrent with Applied Music. (Three semester hours of the same applied instrument will apply toward the arts distribution requirement.)

MUS299. Experimental Course (1-3).

MUS305. Theory IV (2).

Understanding the structure and function of music with emphasis on extended harmonies (9th, 11th, and 13th chords), altered dominants, chromatic mediant, devices of the Romantic period, devices of Post-Romantic, Impressionistic, and 20th-century styles, including twelve-tone techniques (Prerequisite: MUS208; Co-requisites: MUS306). Fall, Spring.

MUS306. Aural Skills IV (2).

Perception of rhythm, melody, harmony and form through solfege and aural dictation, with emphasis on modulations, mixed meters, and modes. (Prerequisite: MUS203; Co-requisites: MUS209 and MUS305). Fall, Spring.

MUS307. Keyboard IV (1).

Continuation of Keyboard III. Includes all skills necessary to pass the Piano Proficiency Exam, including scales, arpeggios, chord construction, chord progressions, melodic harmonization and transposition, and sight reading. (Prerequisite: MUS210). Fall, Spring.

MUS303. Conducting (2).

Introduction to score preparation, basic beat patterns and usage, ear training, selection of the appropriate tempo, foreign terms, analysis of text for musical meaning, leadership development, rehearsal techniques, and stage presence. (Prerequisite: MUS102). Fall.

MUS304. Conducting II (3)

This course provides a more concentrated and further advancement of conducting technique for the future music professional. More advanced conducting techniques will be covered including cues, compound meter, score study, rehearsal techniques, multiple historical styles of conducting, and baton technique. Students will have the opportunity to practice skills in front of live musicians, as well as with recordings.

MUS310. Junior Recital (1).

Preparation and presentation of a junior recital approved by the department and supervised by a member of the music faculty. Must be taken concurrently with applied music lessons. (Prerequisite: permission of department). Offered as needed.

MUS316. Music History before 1750 (3).

Music from Antiquity through the Baroque Era is studied through an introduction to the leading composers, genres and forms. Emphasis is on listening, analysis, research and writing, and the application of these skills in the preparation of papers or projects. (Prerequisite: MUS101). Spring.

MUS318. Music History from 1750 to 1880 (3).

Music of the Classic and Romantic Periods are studied through an introduction to the leading composers, genres and forms. Emphasis is on listening, analysis, research and writing, and the application of these skills in the preparation of papers or projects. (Prerequisite: MUS101). Fall.

MUS319. Music History after 1880 (3).

Music after 1880 is studied through an introduction to the leading composers, genres and forms. Emphasis is on listening, analysis, research and writing, and the application of these skills in the preparation of papers or projects. (Prerequisite: MUS101). Fall.

MUS320. Music of the East/Far East (3)

Course Descriptions

(NON-WESTERN).

An introduction to the important genres forms, tuning systems and instruments of the Middle and Far East. Emphasis is on listening, analysis, research and writing, and the application of these skills in the preparation of papers and projects. (Prerequisites: MUS101 and CCC101 when Writing Intensive). Spring.

MUS332. Vocal Pedagogy (1).

Provides the skills to model and work effectively with elementary, middle and high school students on developing the solo vocal instrument in beginning music classes or private voice studio. Offered as needed. (Prerequisites: 3 credits of MUS237).

MUS333 Song Literature and Interpretation (1)

This course is designed to develop the text and musical interpretation skills fundamental to the modern singing actor. Students will analyze songs to understand meaning and broaden their exposure to the genre of classical art song. Goals of this course include recognition and comprehension of poetry and musical styles in the standard art song repertoire. (Prerequisite: 2 credits of MUS237 (Applied Voice))

MUS341. Special Topics in Music (3) (ARTS).

An introduction to various topics in music, focusing on one primary area each semester offered. Topics may include Music, Business, Music Technology, or Composition. For non-majors interested in music without previous musical experience. Also open to majors for elective credit. This course may be repeated once for credit, provided the course topic is different from the course previously taken. Offered as needed.

MUS342. Adrian College Flute Choir (1) (ARTS)

This course focuses on rehearsal and performance techniques of flute ensemble literature encompassing baroque, romantic, Latin, and world music for flutes. Members will have the opportunity to work with auxiliary flutes

including the C flute, piccolo, alto flute, and bass flute. Emphasis is placed on sight-reading, interpretation, intonation, and ensemble playing as part of a flute section in flute choir music. (Prerequisite: One semester of MUS231 or Permission of Instructor)

MUS362. Instrument Methods & Materials (2).

Exploration of techniques and strategies for teaching middle and high school band and orchestra classes. Development of rehearsal techniques and familiarity with age-appropriate repertoire. Spring.

MUS363. Choral Methods & Materials (2).

Exploration of techniques and strategies for teaching middle and high school choirs. Development of rehearsal techniques and familiarity with age-appropriate repertoire. Spring.

MUS371. Music in the Elementary Schools (2).

The student will plan, execute, and evaluate music activities in relation to the individual child and to the group at the elementary level. The student will employ the most effective contemporary methods in facilitating planned music activities. Students will use materials available to music education for use in today's classroom including exceptional (both gifted and special needs) students. Music activities will include multiethnic and multicultural music. Fall.

MUS399. Professional Internship (1-12).

A maximum of 2 semester hours of MUS399 are allowed toward the music major.

MUS401. Musical Form (2).

The study of musical composition, with particular reference to its formal design. Architectural elements in music are traced, from the phrase through larger formal designs. (Prerequisite: MUS202). Fall.

MUS402. Orchestration (2).

Designed to provide students with knowledge of the capabilities of band and orchestral instruments and elementary orchestration techniques. Emphasis is on arranging for small groups, followed by arranging for full symphony orchestra or band using computer software. (Prerequisite: MUS202). Spring.

MUS410. Capstone: Senior Recital (1).

Preparation and presentation of a senior recital approved by the department and supervised by a member of the music faculty. Must be taken concurrently with applied music lessons. (Prerequisite: permission of department). Offered as needed.

MUS419-449. Upper Level Applied Music (1) (ARTS).

Advanced private instruction in all orchestral and band instruments, piano, organ, guitar and voice. The aim is thorough development of all phases of performance, technique, style, musicianship, memorization, interpretation, and repertoire. (Prerequisite: completion of 4 credits of a 200-level applied music course).

Music majors and minors are required to participate in juries at the end of each semester of applied study. Additional fees are required for these courses. See instructor for details on attendance.

Course Descriptions

Music majors and minors must attend Studio Class every Tuesday at noon, concurrent with Applied Music.

MUS450. Capstone: Senior Project (1).

An individual project dealing with music at a level appropriate for a senior music major, which must be approved by the department and supervised by a member of the music faculty. A presentation of the results of the project must be made to a committee of music faculty. (Prerequisite: permission of department). Offered as needed.

MUS451. Independent Study (1-3).

Exploration of an area in music of special interest to the student; the particular study and hours are arranged by the staff. A maximum of 2 semester hours is allowed toward the music major. (Prerequisite: permission of department).

MUS499. Advanced Experimental Course (1-3).

Courses in Philosophy (PHIL)

PHIL101. Introduction to Philosophy (3) (PHILOSOPHY/RELIGION).

The meaning and scope of philosophy and the major problems with which it is concerned. Fall.

PHIL102. Contemporary Moral Problems (3) (PHILOSOPHY/RELIGION).

An introduction to philosophical perspectives on some of the important ethical controversies facing our society, with a focus on developing and critically analyzing reasons used to support a moral position. Topics vary, but may include abortion, cloning, the legalization of drugs, physician assisted suicide, animal rights, and the death penalty. Fall, Spring.

PHIL104. Introduction to Ethics (3) (PHILOSOPHY/RELIGION).

This course is an introduction to moral theory. We will address questions such as: What does it mean to flourish as a human being? What makes actions right or wrong? Are there moral facts, or is it all just subjective? Students will be encouraged to discuss, share, and defend their own views. Fall.

PHIL105. Logic (3) (PHILOSOPHY/RELIGION).

How arguments are formulated and evaluated, analysis of the role of language in communication and training in the

detection of common fallacies. Includes categorical, propositional, and predicate logic. Offered as needed.

PHIL110. Philosophy through Film (3) (PHILOSOPHY/RELIGION).

This course aims to examine and critically evaluate various philosophical themes by means of the visual medium of film. Such themes include: human nature, the nature of reality, and moral problems. Films may include popular releases, silent films and surrealist films. The course will also integrate philosophical texts. Fall.

PHIL199. Exploratory Internship (1-3).

PHIL200. Philosophy Topics (3).

A course in a field of philosophy, history of philosophy, philosophical movement or set of philosophical problems. The course material covered in this course does not overlap with material offered in other philosophy courses. Offered as needed.

PHIL201. Introduction to Jurisprudence (3).

This course is an introduction to the theoretical and philosophical underpinnings of the United States judicial system. It will investigate the concept of "law" as it has been applied throughout the course of western civilization. It will also explore the works of philosophers who inspired the authors of the U.S. Constitution and Bill of Rights, the origins of the various schools of judicial philosophy and the often complicated relationship between moral and legal reasoning. Fall.

PHIL205. Writing and Argument (3).

This course will focus in the development of the skills involved in philosophical reading, writing, and oral presentation. We will be working with philosophical materials; however the goal of the course is the development of proficiency with these skills. (Prerequisites: one PHIL course and CCC101 when offered as Writing Intensive). Offered as needed.

PHIL231. Mock Trial (1-3).

An introduction to trial advocacy. Students will learn about the criminal law and the judicial process, cross examination, evidentiary objections, and legal arguments. Students will read, analyze and try a specific court case. May be repeated. Students may only take a maximum of three credits.

PHIL299. Experimental Course (1-3).

PHIL300. Topics in Philosophy (1-3).

A special topic or topics including practical applications of philosophy or the relationship of philosophy to other aspects

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of life. Offered as needed. (Prerequisite: one previous PHIL course). Offered as needed.

PHIL301. Philosophy of Religion (3).

An inquiry into the scope and function of religion, the nature and destiny of human beings, the existence and nature of God and other selected problems. Cross-listed with RELG301. Students who have taken RELG301 for credit may not take PHIL301 for credit. (Prerequisite: one course in PHIL or RELG). Offered as needed.

PHIL304. Ethics (3).

An examination of the major ethical theories of ancient and modern times and their impact upon traditional and contemporary ethical problems. Special attention is paid to the development of ethical thinking and the application of ethical theory to contemporary moral problems. (Prerequisite: one course in PHIL or RELG). Offered as needed.

PHIL321. Science, Skepticism and Faith (3).

Basic course in epistemology and metaphysics. Topics include the distinction between scientific and non-scientific types of knowledge (if any), the difference between “belief” and “knowledge” (if any), theories of “truth”, and the case for and implications of skepticism. (Prerequisite: one course in PHIL or RELG). Offered as needed.

PHIL328. Liberation Theology (3).

During the 20th Century a number of movements within Christianity turned to the teachings of Jesus and Hebrew prophets, and Marxist social analysis, to argue and work for social justice. Examines the origins of Liberation Theology in Latin America in the 1960s and the Black Power struggle in the U.S. Other topics include Feminist, Womanist, Ecological and Gay/Lesbian liberation theologies. Cross-listed with RELG328. Students who have taken PHIL328 for credit may not take RELG328 for credit. (Prerequisite: one course in PHIL or RELG). Offered as needed.

PHIL331. Philosophy of Law (3).

This course examines the theoretical and philosophical aspects of law. Materials will be drawn from actual legal cases, as well as writings by philosophers and lawyers. Topics may include legal reasoning, the nature and purpose of law, criminal responsibility, negligence, civil disobedience, the relationship of law and morality, and omissions and the duty to rescue (Prerequisite: one course in PHIL or RELG). Spring.

PHIL332. Political Philosophy (3).

An examination of fundamental concepts and issues in political theory, such as the justification and limits of political authority, and the relationship between the individual and the community, the nature of freedom and obligation, and the obligation to obey the law. (Prerequisite: one course in PHIL or RELG). Offered as needed.

PHIL334. Philosophy and Ethics of Sport (3).

An exploration of the philosophical dimensions of sports and their ethical implications. This includes metaphysical, ontological and epistemological foundation which shape roles, codes and rules that define sports. Offered as needed.

PHIL344. Biomedical Ethics (3).

Ethical issues created by recent advances in medical technology, including questions such as the relationship between the health care provider and the patient; truth and information; autonomy and diminished capacity; and genetic engineering within the context of moral reasoning. (Prerequisite: one course in PHIL or RELG). Offered as needed.

PHIL351. Ancient Greek Philosophy (3).

Examination of the philosophical systems of the Ancient Greeks and Romans. Special attention given to the work of Plato and Aristotle. (Prerequisite: one course in PHIL or RELG). Offered as needed.

PHIL352. Christian Heresies and Orthodoxies (3).

Development of Christian theology from Jewish and Hellenic thought. Focus on major leaders, thinkers, and movements during this time. Emphasis on Augustine, Pseudo-Dionysius, and Aquinas. Cross-listed with RELG352. Students who have taken PHIL352 for credit may not take RELG352 for credit. (Prerequisite: one course in PHIL or RELG). Offered as needed.

PHIL353. Modern Philosophy (3).

Exploration of the foundations of modern philosophy, including the contributions of Descartes, Hume and Kant. (Prerequisite: one course in PHIL or RELG). Fall.

PHIL354. 19th & 20th Century Christian Theology (3).

Continental Theology from Schleiermacher and Hegel to the present. Will include dialectical thinkers, existentialists, feminists, and liberationists. Cross-listed with RELG354. Students who have taken PHIL354 for credit may not take RELG354 for credit. (Prerequisite: one course in PHIL or RELG). Offered as needed.

PHIL399. Professional Internship (1-12).

Course Descriptions

PHIL400. Capstone: Senior Thesis (3).

Senior research project stressing the application of research skills and the synthesis of knowledge in the discipline of philosophy. (Prerequisites: senior standing and permission of department). Offered as needed.

PHIL451. Independent Study (1-3).

(Prerequisite: permission of department).

PHIL499. Advanced Experimental Course (1-3).

Courses in Physics (PHYS)

PHYS101. Introductory Physics I (3) (NATURAL SCIENCE).

This two-semester course sequence is an algebra-based survey of physics. Topics include mechanics, thermodynamics, electricity and magnetism, and modern physics. (Does not count towards Physics major or minor.) (Prerequisite: MATH115 or placement beyond MATH115; MATH115 can also be taken as a co-requisite). Fall.

PHYS102. Introductory Physics II (3) (NATURAL SCIENCE).

This two-semester course sequence is an algebra-based survey of physics. Topics include mechanics, thermodynamics, electricity and magnetism, and modern physics. Three lectures per week. (Does not count towards Physics major or minor.) (Prerequisite: PHYS101). Spring

PHYS103. Introductory Physics Laboratory I (1) (NATURAL SCIENCE).

Through experiments, students explore and verify many concepts in classical physics. Topics are drawn from mechanics, wave motion, sound, and thermodynamics. One 3-hour laboratory per week. (Co-requisite: PHYS101). Fall.

PHYS104. Introductory Physics Laboratory II (1) (NATURAL SCIENCE).

Through experiments, students explore and verify many concepts in classical physics. Topics are drawn from electricity, magnetism, optics, and modern physics. One 3-hour laboratory per week. (Co-requisite: PHYS102). Spring.

PHYS110. Descriptive Astronomy (4) (NATURAL SCIENCE).

Observational and theoretical studies of the solar system and the extra-solar system. Topics include the telescope, planets and their satellites, asteroids, comets, meteors, the sun as a star, characteristics of stars, galaxies, interstellar matter, and

the possibility of life elsewhere in the universe. Three lectures, one 2-hour laboratory per week. Spring.

PHYS199. Exploratory Internship (1-3).

PHYS201: General Physics: Mechanics (3) (NATURAL SCIENCE)

This is the first semester of calculus-based physics for students interested in the physical sciences and engineering. Topics are drawn from mechanics: vectors, linear and planar motion, forces, energy, momentum, rotational motion, angular momentum, statics, and gravitation. (Prerequisite: MATH135, Co-requisite: MATH205, PHYS303). Fall.

PHYS202: General Physics: Thermodynamics & Electromagnetism (3) (NATURAL SCIENCE)

This is the second semester of calculus-based physics for students interested in the physical sciences and engineering. Topics are drawn from thermodynamics and electromagnetism: thermal energy transfer & phase changes, kinetic theory, the laws of thermodynamics, heat engines, electric forces & fields, electric potential, current & resistance, magnetic forces & fields, electromagnetic induction, and EM radiation. (Prerequisite: PHYS201). Spring.

PHYS203: Mechanics Laboratory (1)

Principles of classical physics are explored and tested through experiments. Emphasis is on measurement techniques and methods of data analysis. Topics are drawn from mechanics including 1-D and 2-D motion, forces, energy, momentum & collisions, rotational motion, and statics. Co-requisite: PHYS201). Fall.

PHYS204: Thermodynamics & Electromagnetism Laboratory (1) (NATURAL SCIENCE)

Principles of classical physics are explored and tested through experiments. Topics are drawn from thermodynamics and electromagnetism. The use of computer programming for computation, modeling, and graphing is introduced. (Corequisite: PHYS202). Spring.

PHYS299. Experimental Course (1-3).

PHYS301: Oscillations, Waves, and Light (3)

This is an intermediate-level course on oscillations and wave phenomena, including sound and light. Topics include simple harmonic motion, driven and damped oscillations, the wave equation, traveling waves, wave interference, standing waves and overtones, the properties of fluids & solids, EM waves in media, geometric optics,

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interference & diffraction of light. (Prerequisite: PHYS201 and 203; Corequisite: PHYS303). Fall of even years.

PHYS303: Oscillations, Waves, and Light Laboratory (1)

This is an intermediate-level lab course that accompanies PHYS 301. Experimental topics include the pendulum, driven oscillations & resonance, standing waves on a string, standing sound waves in a pipe, beats, refraction, image formation, double-slit interference, and single-slit diffraction. Computer programming for computation, modeling, and data analysis may be incorporated. (Corequisite: PHYS301). Fall of even years.

PHYS321: Electronics and Instrumentation (3)

An introduction to electronics and instrumentation in the physics laboratory. Topics include circuit analysis, AC & DC circuits, RLC circuits; the use of signal generators, oscilloscopes, regulated current & voltage supplies, instrumentation amplifiers, and programmable microprocessors in experiments. (Prerequisite: PHYS202 and PHYS204). Fall of odd years.

PHYS350: Stellar Astrophysics (3)

This course covers the physics of stars. We will explore star formation, stellar interiors and atmospheres, stellar oscillations, the end states of stars including white dwarfs, supernovae, neutron stars, pulsars, and black holes. (Prerequisite: PHYS202). Spring of even years (alternates w/ PHYS355).

PHYS355: Galaxies & Cosmology (3)

This course explores the universe at its largest scales. We begin with the structure and dynamics of our Galaxy, the Milky Way. We then survey external galaxies, active galaxies, and clusters of galaxies. Finally, we learn about the Big Bang, cosmological models, and the early universe. (Prerequisite: PHYS202). Spring of even years (alternates w/ PHYS350).

PHYS375: Quantum Physics (3)

An introduction to quantum theory. Topics include the historical development of quantum theory, models of atomic structure, wave properties of matter, the uncertainty principle, the Schrodinger equation, expectation values, potential wells, barriers & tunneling, the hydrogen atom, orbital angular momentum, intrinsic spin, multielectron atoms, and LS Coupling. (Prerequisites: PHYS202 or PHYS301; MATH215 or MATH305). Fall of even years.

PHYS385: 20th Century Physics (3)

This course surveys the major advances in physics made during the twentieth century. Topics include special

relativity, statistical physics, condensed-matter physics, nuclear & particle physics, and cosmology. (Prerequisite: PHYS375). Spring of odd years.

PHYS399. Professional Internship (1-12).

PHYS401. Classical Mechanics I (3).

An introduction to classical dynamics. Topics include the motions of particles and systems of particles in one, two, and three dimensions, oscillations, gravitation, Lagrangian & Hamiltonian dynamics, and motion in noninertial frames. (Prerequisites: PHYS202 or PHYS301 and MATH215 or MATH305). Fall of odd years.

PHYS402. Classical Mechanics II (3).

Advanced topics in classical dynamics including nonlinear oscillations, the motion of rigid bodies, coupled oscillations, continuous media and waves, and special relativity. (Prerequisites: PHYS401). Offered occasionally.

PHYS403. Electromagnetic Theory I (3).

An introduction to electrodynamics. Topics include electrostatics, boundary value problems, electric fields in matter, magnetostatics, magnetic fields in matter, and Maxwell's equations. (Prerequisites: PHYS202 and MATH215 or MATH305). Spring of even years.

PHYS404. Electromagnetic Theory II (3).

Advanced topics in electrodynamics. Topics include conservation laws, electromagnetic waves, potentials & fields, electromagnetic radiation, and relativistic electrodynamics. (Prerequisites: PHYS403). Offered occasionally.

PHYS420. Capstone: Experimental Physics (2).

Students conduct experiments from classical and modern physics. Methods of error analysis and technical writing in physics are presented. Formal reports are required for each experiment. Reports are expected to demonstrate mastery of the theory underlying the experiments. Emphasis is placed on data analysis and presentation of results. (Prerequisite: PHYS321). Spring.

PHYS430. Topics in Physics (1-4).

Investigations of advanced or specialized topics of current interest. Topics and coverage varies with semester and instructor. May be repeated for different topics. (Prerequisite: PHYS202). Other prerequisites may be required depending on the topic offered.

PHYS450. Physics Research (1-3).

Experimental or theoretical research in physics. May be repeated. (Prerequisite: instructor permission).

Course Descriptions

PHYS451. Independent Study (1-3).

Work may be either experimental or theoretical. May be repeated. (Prerequisite: departmental permission).

PHYS499. Advanced Experimental Course (1-3)

Courses in Political Science (PSCI)

PSCI101. American Federal Government (3) (SOCIAL SCIENCE).

Examines the institutions of the American political system, including federalism, separation of powers, political parties, elections, and the rights of citizens. Fall, Spring.

PSCI102. State and Local Government (3) (SOCIAL SCIENCE).

How state and local governments function, issues they face and how they relate to the federal government, with special emphasis on Michigan. Fall, Spring.

PSCI136. International Relations (3) (SOCIAL SCIENCE).

Analysis of the roles played by the United States and various other countries, international organizations, and individuals in international politics, along with significant global issues such as war and peace, economic development and trade, environmental policy, and human rights. Fall.

PSCI160. Comparing Democracies (3) (SOCIAL SCIENCE).

Political institutions, policies, and practices of democracies throughout the world, as well as the effects of different democratic arrangements on policy outcomes and on democratic success and failure. Spring.

PSCI199. Exploratory Internship (1-3).

PSCI203. Introduction to Public Administration (3).

This course is intended to introduce students to the field of public administration. It will provide an overview of the theories and practices of governmental administration, discuss both traditional and emerging public sector management issues, and explore the role of administrators in the development and implementation of public policy. (Prerequisite: PSCI101).

PSCI205. Introduction to Public Policy (3) (SOCIAL SCIENCE).

The public policy process is the heart of politics, where decisions are made about who gets taxed, who gets that money, and who determines what rules we have to live by.

Investigates how policy is made, who the players are, and the effects of different types of policies. Open to freshmen. Offered as needed.

PSCI206. Global Health Policy (1).

This course provides students with knowledge about health care policy, or lack of, in a selected less-developed country, prepares students with basic knowledge of that country, and culminates in an approximately 10-day service learning trip to the selected country during the winter break. Open to freshman. Fall.

PSCI210. Career Seminar (1).

Discusses post-graduate and career opportunities for Political Science students. Fall.

PSCI240. Political Theory (3) (SOCIAL SCIENCE).

Survey of selected texts from the history of political thought. May be repeated with different topics. Open to freshmen. Spring.

PSCI245. Environmental Politics (3) (SOCIAL SCIENCE).

Considers the problems of humans' effect on the environment and political responses to it. Different approaches to environmentalism are considered, and different environmental problems analyzed. Offered as needed.

PSCI250. United States Foreign Policy (3) (SOCIAL SCIENCE).

How foreign policy is made; how and why the U.S. has been involved in recent world affairs, including trade, foreign aid, alliances, diplomacy, terrorism, wars and revolutions, and arms control. Offered as needed.

PSCI273. Nuclear Weapons & Power (2).

The science and politics of nuclear weapons and nuclear power, including the discovery of the atom, the Manhattan Project, the Cold War arms race, the prospects for nuclear terrorism, and the controversies over nuclear power and nuclear waste disposal. Students who have taken CHEM273 may not take this course for credit. (Prerequisite: CCC101). Open to freshmen. Offered as needed.

PSCI285. Congress & Presidents (3).

The mixed adversarial and cooperative relationship between Congress and Presidents, the motivations of legislators and executives, and the shifting of power from the legislative to the executive branch. (Prerequisite: one prior PSCI course). Offered as needed.

PSCI290. Significant Books (1-2).

Course Descriptions

Close reading of significant books in political science. Each offering of this course focuses on a single book and associate readings. May be repeated for credit with different topics.

PSCI295. Research Methods for Political Science (3).

Introduction to the methods used for empirical research in Political Science. Open to freshmen. Spring.

PSCI299. Experimental Course (1-3).

PSCI301. Special Topics in Political Science (1-3).

May be repeated with different topic. (Prerequisite: one prior PSCI course).

PSCI302. Belize Field Experience (3) (NON-WESTERN).

Focused study of the historical, geographical, and political forces shaping a multi-ethnic democracy in the developing world. Course fee covers a spring break trip to Belize. (Prerequisite: permission of instructor). Spring.

PSCI303. State and Local Government Administration (3).

This course provides students with an understanding of the structure and function of state and local governments in the United States. Students will explore local and state-level policy issues and administrative processes. They will also explore urban issues in the United State and discuss solutions to all of these challenges. (Prerequisite: PSCI203).

PSCI304. Public Budgeting and Finance (3).

This course covers fiscal and budgetary policies and practices in public sector and governmental organizations. Students will improve their understanding of revenue, expenditure, deficit spending, and debt, specifically as they relate to government. The will also examine the functions of accounting in the public sector and learn to create financial reports. (Prerequisites: ACCT203, PSCI203 and PSCI205).

PSCI305. Political Economy (3).

Analysis of government from an economic perspective through the lens of public choice theory, with emphasis on rent-seeking behavior, market distorting effects of government regulation and inefficiencies in collective decision-making. Students who have taken ECON305 may not take this course for credit. (Prerequisite: one prior PSCI or ECON course). Offered as needed.

PSCI315. Globalization (3).

The structure and effects of global economic, political, and cultural integration, and the mechanisms of international governance. Students who have taken ECON315 may not take this course for credit. (Prerequisite: One prior PSCI or ECON course). Offered as needed.

PSCI328. Politics in the Third World (3) (NON-WESTERN).

Politics and problems of selected third world countries in Asia, Africa and Latin America and their relations with the United States and the rest of the world. (Prerequisite: one prior PSCI course.). Offered as needed.

PSCI331. Campaigns & Elections (3).

Examines the nature of elections in American politics, including techniques for running a successful political campaign. (Prerequisite: one prior PSCI course.) Offered as needed.

PSCI351. European Politics (3).

Examines the political institutions, culture, history and problems of selected European countries and the European Union, as well as their relations with the United States and the rest of the world. (Prerequisite: one prior PSCI course). Offered as needed.

PSCI352. Central & East European Politics (3) (NON-WESTERN).

History and politics of Central and Eastern Europe from its origins as a distinct region through the end of communism and the eastward expansion of the European Union and NATO. (Prerequisite: one prior PSCI course). Offered as needed.

PSCI370. Democratization (3).

Examines the processes by which authoritarian regimes become democratic, as well as current understandings of why some democratic transitions are more successful than others, by examining a number of historical and contemporary cases from around the world. (Prerequisite: one prior PSCI course). Offered as needed.

PSCI380. Democratic Theory (3).

A survey of ancient and modern theories of democracy, addressing issues such as the nature of democracy, liberty, equality, representation, majority rule, and citizenship, as well as major criticisms of democracy and current issues in democratic theory. (Prerequisite: one prior PSCI course). Offered as needed.

PSCI396. Constitutional Law I: Powers Of Government (3).

Course Descriptions

Study of U.S. Supreme Court decisions that resolve struggles for power between the three branches of the federal government and between the federal and state governments. Consideration of such issues as the government's authority to regulate drugs, the president's commander-in-chief powers and the distinctions between federal and state court cases. Students who have taken SCJ396 may not take this course for credit. (Prerequisite: junior standing). Offered as needed.

PSCI397. Constitutional Law II: Individual Liberties (3).

Study of U.S. Supreme Court decisions that determine the extent to which individual liberties are protected under the U.S. Constitution, with special attention given to civil rights issues. Will include explorations of the constitutional rights to due process, equal protection, to keep and bear arms and other issues. Students who have taken SCJ397 may not take this course for credit. (Prerequisite: junior standing). Offered as needed.

PSCI399. Professional Internship (1-12).

PSCI405. Strategic Behavior (3).

Study of strategic decision-making in politics and everyday life, including applications to business. (Prerequisite: one prior PSCI or ECON course). Offered as needed.

PSCI409. Capstone: Research Seminar (3).

Culminating experience for political science majors. Students will select a research topic, review the published literature on that topic, prepare a research proposal, conduct the research, and present their findings publicly. Important writings in the discipline may be assigned. (Prerequisites: PSCI295, MATH204 or PSYC211 and junior or senior standing). Fall.

PSCI410. Public Administration Capstone (3).

This capstone is the culmination for Public Administration majors and should be taken as the final course in a student's studies for the major. It is intended to synthesize all of a student's learnings in the field into one public-sector organization, such as a non-profit, or their local government. (Prerequisites: PSCI303, PSCI304, and MATH204 or PSYC211. Junior standing required).

PSCI451. Independent Study (1-3).

Supervised reading, research or work in an area of special interest to the student. (Prerequisite: Written departmental permission.) Fall, Spring, May, Summer.

PSYC199. Advanced Experimental Course (1-3).

Courses in Psychology (PSYC)

PSYC100. General Psychology (3)(SOCIAL SCIENCE).

An overview of the facts, principles and methods of the science of behavior and psychological processes. Topics typically include learning, research methodology, memory, perception, cognition, psychobiology, social psychology, abnormal behavior and psychotherapy. Students may be required to participate in a limited number of experiments conducted by faculty members or advanced students (or to complete an alternative assignment). Fall, Spring.

PSYC199. Exploratory Internship (1-3).

(Prerequisite: junior or senior standing and written departmental permission).

PSYC205. Developmental Psychology (3).

The course examines how biological, psychological, and social factors interact to influence development from birth through adulthood. Theory and research on human development, contemporary issues, and application of content are emphasized. (Prerequisite: C or better in PSYC100). Open to freshmen.

PSYC206. Health Psychology (3).

Behavioral factors in health and illness. Topics typically include stress, prevention of illness, pain and patient-practitioner interaction. Applications are made to specific illnesses. (Prerequisite: C or better in PSYC100). Open to freshmen. Spring

PSYC211. Statistics for Psychology (4).

The study of descriptive and inferential statistics as applied to psychological data. Topics include measures of central tendency and variability, t-tests, ANOVA, and regression. Three hours of lecture and one hour of laboratory per week (Prerequisites: C or better in PSYC100 and MATH101 or equivalent proficiency). Fall, Spring.

PSYC212. Research Methods for Non-Majors (4).

An introduction to the principles of psychological research. Identification and evaluation of research designs and the cultivation of information literacy skills are emphasized.

Course Descriptions

This course CANNOT be used toward a major in psychology. The course entails three hours of lecture and one hour of laboratory per week. (Prerequisite: C or better in PSYC100 and completion of 6 semester hours in PSYC).

PSYC214. Social Psychology (3).

Individual behavior as it is influenced by the behavior of others within a variety of social contexts. Topics typically include affiliation, attitude and behavior change, interpersonal attraction, social influence, prosocial behavior and aggression. (Prerequisite: C or better in PSYC100).

PSYC216. Human Sexuality (3).

The physiological, psychological and social dimensions of sexual development and behavior. Spring. (This course does not count toward the major or minor in Psychology).

PSYC218. Stigma, Mental Health & Film (3).

What is social stigma, and how have psychological disorders been stigmatized? The course will explore mental health stigma primarily through film/movies, but also through other media (e.g., newsprint, music and television). (Prerequisite: C or better in PSYC100).

PSYC265. Research Methods for Majors (4).

An introduction to the scientific method in behavioral science. Includes scientific thinking, research design, and APA-style manuscript format. Students will also critically evaluate scientific evidence, collect and analyze data, and write research reports. Three hours of lecture, one hour of laboratory per week. (Prerequisite: C or better in PSYC211). Fall.

PSYC299. Experimental Course (1-3).

PSYC300. Topics in Psychology (1-3).

An in-depth study of a special topic, which varies from semester to semester. Recent courses have focused on current psychotherapies, forensic psychology, cognitive science, and psychology in the cinema. May be repeated with a different topic. (Prerequisite: C or better in PSYC100).

PSYC303. Abnormal Psychology (4).

The study of behavioral and emotional disturbance. Current research and theory are applied to the description, assessment, causes and treatment of psychopathology. Service-learning project at an agency as part of the lab. Three hours of lecture and one hour of laboratory per week. (Prerequisite: C or better in PSYC100).

PSYC304. Theories & Principles of Psychotherapy (3).

The nature of counseling and psychotherapy, with an emphasis on dominant theories, research, current practice and ethics. The basic counseling skills of empathy and listening are covered. (Prerequisite: C or better in PSYC303 or PSYC305).

PSYC305. Child Psychopathology (3).

An overview of psychopathology in children and adolescents. Areas to be explored include the DSM criteria, assessment, etiology, and treatment of various psychological disorders. An emphasis will be placed on empirical research in these areas. (Prerequisite: C or better in PSYC205).

PSYC306. Psychology of Gender (3).

Explores theories and research regarding the roots and impact of sex and gender. Typically covered are the effects of being female and male on personality, relationships, achievement, health, mental health and social life. (Prerequisite: C or better in PSYC100).

PSYC311. Personality Theory & Research (3).

An examination of various approaches toward understanding personality including Freudian, humanistic, trait, behavioral/social learning and cognitive. The research generated by each of the theories will also be examined. (Prerequisite: C or better in PSYC100).

PSYC313. Cognitive Psychology (3).

The study of cognitive processes. Topics include perception, attention, memory, problem solving, reasoning, and language. (Prerequisite: C or better in PSYC100).

PSYC321 Psychology & Law (3).

Psychological principles drawn from sub-disciplines (e.g., social, clinical, cognitive) in terms of their relevance and application to the legal system. Topics will include forensic psychologists' roles, problems in the field, techniques of criminal investigation; insanity and competency; dangerousness/risk assessment; eyewitness identification; interrogations and confessions, and child sexual abuse. (Prerequisites: C or better in PSYC100 and junior or senior standing).

PSYC322. Learning Theory (3).

An examination of research findings in the area of learning. Attention is directed to basic and applied behavioral results using animal and human subjects. There will be an emphasis on practical applications. (Prerequisite: completion of 9 semester hours in PSYC).

PSYC325. Ethics in Psychology (2).

Explores the psychology ethics code and dilemmas. Topics include confidentiality, multiple relationships, assessment,

Course Descriptions

therapy, and research. Also considered are the effects of managed care and laws on professional practice. (Prerequisite: PSYC100).

PSYC329. History of Psychology (3).

An examination of the philosophical and scientific concepts important to the development of psychology through the work and biographies of historically significant contributors to the field. (Prerequisites: PHIL101 and completion of 12 semester hours in PSYC). Fall

PSYC341. Biopsychology (3).

Biological bases of behavior, including topics such as basic neuroanatomy, neural transmission, sensory transduction, genetics, emotion, sleep, learning, language, and psychological disorders. (Prerequisites: C or better in PSYC100, and 3 additional hours in PSYC).

PSYC348. Industrial/Organizational Psychology (3).

The application of psychological theories and research to problems associated with the world of work. Topics typically include research methodology, motivation, job satisfaction, personnel selection and placement, and leadership. Co-listed as MGMT348. (Prerequisite: PSYC100).

PSYC399. Professional Internship (1-12).

(Prerequisite: junior or senior standing and written departmental permission).

PSYC444. Advanced Research (2).

Capstone preparatory course. Under supervision of a faculty member, each student chooses a research topic of interest, conducts an in-depth literature review, formulates hypotheses and predictions, designs an experiment, obtains IRB approval, and prepares a formal research proposal. Proposed research will be conducted in PSYC445. (Prerequisites: C or better in PSYC265 and junior standing or permission of department.) Spring.

PSYC445. Capstone: Senior Research (2).

Under supervision of a faculty member, each student prepares an experiment, conducts a pilot study, conducts the research, and analyzes the data based on their hypotheses. Each student prepares a research report following APA publication guidelines and presents the findings in public form. (Prerequisites: C or better in PSYC444, senior standing and permission of department). Fall.

PSYC451. Independent Study (1-3).

Supervised reading or research in an area of special interest to the student; the project may be theoretical or

experimental. (Prerequisites: PSYC100 and permission of instructor).

PSYC499. Advanced Experimental Course (1-3).

Courses in Religion (RELG)

RELG101. Bible and Culture (3) (PHILOSOPHY/RELIGION).

An introduction to the literary, historical, and theological dimensions of the Bible, and to the methods and theories of biblical criticism, with emphasis on the role of the reader in the creation of meaning, and on the relationship of the Bible to contemporary social issues. Fall.

RELG102. Religions of the West (3) (PHILOSOPHY/RELIGION).

Survey of major monotheistic traditions in the West: Judaism, Christianity and Islam. Emphasis on the major forms of these three faiths including Traditional and Reform Judaism, Eastern Orthodox, Roman Catholic and Protestant Christianity, and Sunni and Shiite Islam. Attention will be given to historical origins, daily practices and holidays, and contemporary issues. Fall.

RELG105. Religions of the East (3) (PHILOSOPHY/RELIGION, NON-WESTERN).

An introduction to the major religions of Asia: Hinduism, Jainism, Sikhism, and Theravada Buddhism from South Asia; Daoism, Confucianism, Mahayana and Vajrayana Buddhism, and Shinto from East Asia. Offered as needed.

RELG106. Religions in America (3) (PHILOSOPHY/RELIGION).

A survey of the religious dimension of American history and its influence in shaping American national identity. Emphasis on how important historical movements provide the background for understanding and interpreting contemporary American culture.

RELG108. Introduction to Religion: Myth, Ritual & Symbol (3) (PHILOSOPHY/RELIGION, NON-WESTERN).

An exploration of the world's dominant religious and secular worldviews focusing on the myths, rituals and symbols contained in their sacred texts. The material is divided equally between Western and Eastern religions. Fall.

RELG112. Ancient Greek & Roman Mythology (3) (PHILOSOPHY/RELIGION, NON-WESTERN).

Course Descriptions

A study of Greco-Roman religion reflected in the works of Homer, Hesiod, the Homeric Hymns, Pindar, Aeschylus, Sophocles, Euripides, Herodotus, Plato, Lucian, Lucretius, Vergil, Ovid, and Seneca, emphasizing myth as a fundamental category of religious discourse, and a mode of social, cultural, and ideological expression.

RELG114. Christian Social Ethics (3) (PHILOSOPHY/RELIGION).

Contemporary social problems and their relationship to Christianity. Attention given to the historical development of various Christian approaches to social issues, emphasizing current social engagement. Fall.

RELG199. Exploratory Internship (1-3).

RELG207. Islam (3) (PHILOSOPHY/RELIGION, NON-WESTERN).

An introduction to Islam. The course makes extensive use of the Qur'an and Hadith in order to develop an understanding at the primary source level. Using the historical development of Islam as a base, the course moves to examine Islamic belief and practice and, then, its expression in the modern world.

RELG210. World Christianities (3) (PHILOSOPHY/RELIGION).

Study of the contemporary situation of the Christian tradition worldwide. Focus on Christianity in discrete geographical areas, and the diversity and richness of Christian cultures. Areas of study include Eastern Orthodoxy, Christianity in Africa, Asia, and Latin America, the rise of Pentecostalism, and Christians in relation to other religious traditions. Spring.

RELG212. Jesus in Mass Production (3) (PHILOSOPHY/RELIGION, NON-WESTERN).

A wide-ranging exploration into the many faces of the figure of Jesus, through a variety of genres and media. In addition to the New Testament writings and other early Christian literature, the course engages multiple interpretations in novels, film, art, pop culture, and other contexts, including perspectives from outside the United States. Spring.

RELG216. Religion on Film (3) (PHILOSOPHY/RELIGION).

Exploration of the religious issues reflected in popular films, with special attention on the relationship between beliefs, practices, and media. Spring.

RELG299. Experimental Course (1-3).

RELG300. Topics in Religion (1-3).

A special topic or topics, including specific religions or the relation of religion to other aspects of life. (Prerequisite: one course in PHIL or RELG). Offered as needed.

RELG303. Literature of the Hebrew Bible (3).

In-depth exploration of the scriptures shared by Jews and Christians, with detailed study of select passages, attending particularly to the characteristic diversity of these texts, to the historical and contemporary cultures that surround them, and to the relationship between methodological perspectives and interpretative issues. (Prerequisite: RELG101). Offered as needed.

RELG304. New Testament Writings (3).

In-depth exploration of the scriptures unique to Christianity, with detailed study of select passages, attending particularly to the characteristic diversity of these texts, the historical and contemporary cultures that surround them. Their relationship to early Christianity and the figure of Jesus, and methodological questions central to their interpretation. (Prerequisite: RELG101). Spring.

RELG306. Issues in American Religious History (3).

Specific issues and movements in American religion and their interrelationships with the larger American culture. Special attention is placed on the impact of these issues and movements on the contemporary situation. Topics include social Christianity, fundamentalism and Pentecostalism, civil religion, church and state, sects and cults and denominational history. (Prerequisite: one course in PHIL or RELG). Offered as needed.

RELG309. Sports and Religion (3).

Understanding sport as a religious phenomenon. Studying the interconnections between sports and religion provides an entrée into larger issues of society, ritual and the sociology of religion using case studies. Offered once a year.

RELG310. Women in World Religions (3) (NON-WESTERN).

Themes and issues in the traditions and texts of Buddhist, Hindu, Jewish, Christian and Muslim religions with particular attention to the role of women. Topics will include: images of women in sacred scriptures and historical traditions, ritual practices, sources of religious authority, and psychological and ethical implications of feminist approaches to religion. (Prerequisite: one course in PHIL or RELG). Offered as needed.

RELG311. African Religious Tradition (3)

Course Descriptions

(PHILOSOPHY/RELIGION, NON-WESTERN).

An introduction to sub-Saharan indigenous African religions. The focus is tribal and area specific with particular attention to religious practices, beliefs, ethics, and worldviews. Offered once a year.

RELG328. Liberation Theology (3).

During the 20th Century a number of movements within Christianity turned to the teachings of Jesus and Hebrew prophets, and Marxist social analysis, to argue and work for social justice. Examines the origins of Liberation Theology in Latin America in the 1960s and the Black Power struggle in the U.S. Other topics include Feminist, Womanist, Ecological and Gay/Lesbian liberation theologies. Cross-listed with PHIL328. Students who have taken RELG328 for credit may not take PHIL328 for credit. (Prerequisite: one course in PHIL or RELG). Offered as needed.

RELG330. Advanced Studies in Bible (3).

In-depth study of selected texts, themes, or topics in or pertaining to the Jewish and/or Christian scriptures and/or relevant extra-biblical literature. Emphasis is on matters of theory and method, both historical and literary. Repeatable with different topics. (Prerequisite: RELG101). Fall.

RELG332. Women in the Bible (3).

What does the Bible have to say about women? This course examines the portrayal of women in the Bible, and the significance of that portrayal in contemporary society. The focus of the course is on texts from the Bible which feature women. However, sources from outside the Bible are discussed. (Prerequisite: One class in PHIL or RELG). Offered as needed.

RELG340. Religion & Environmental Ethics (3).

Examines whether the Judeo-Christian traditions can provide rationales that will persuade human beings from destroying other species, their habitats and the greater biosphere of our planet. We will examine Judeo-Christian texts and discern the extent to which they provide promising foundations for environmental ethics. (Prerequisite: one course in PHIL or RELG). Fall.

RELG366. Leadership & Religious Views (3).

The course studies how political, cultural and other leaders draw on, or influence their religious traditions. The course includes the examination of Martin Luther, Asa Mahan, Jesus, Paul, John, Wesley, and Martin Luther King Jr. among others. Offered as needed.

RELG385. Ancient Fiction (3).

Examines the history, place, culture, readership, and literary dynamics of select Greek, Latin, Jewish, and early Christian

novelistic literature from the first four centuries of the Common Era. Emphasizes matters of theory and method in relation to interpretation, and considers the relationship of prose fiction to various issues of identity, power and epistemology. (Prerequisite: one course in PHIL or RELG). Offered as needed.

RELG399. Professional Internship (1-12).

RELG400. Capstone: Senior Research Project (3).

A special project stressing the application of research skills and the synthesis of knowledge in the discipline(s) of philosophy and/or religion.

RELG451. Independent Study (1-3).

(Prerequisite: departmental permission).

RELG499. Advanced Experimental Course (1-3).

Courses in Criminal Justice (SCJ)

SCJ199. Exploratory Internship (1-3).

An observational internship providing opportunities to gain relevant career experiences and information in the fields of sociology and criminal justice. Open to second-semester freshmen and above.

SCJ225. Introduction to Criminal & Juvenile Justice (3).

A sociological approach to prevention as justice, followed by an introduction to topics such as the U.S. legislative and legal system, crime, politics, and the media, police, courts, probation, corrections, parole and prisoner reentry as applied to both adults and juveniles (Prerequisite: SOC104; course can also be taken as a co-requisite with SOC104). Fall.

SCJ266. Juvenile, Justice and Delinquency (3).

Research on child development, family, school, neighborhoods, peers, and drug abuse as relates to criminology of youth crime. Introduction to the juvenile justice system, including teen court, juvenile probation, juvenile detention, residential treatment and aftercare for adjudicated youth. (Co-requisite: SCJ225). Fall.

SCJ267. Criminal Investigation & Forensics (3).

Introduces aspects of police work involving investigative techniques, protecting and reconstructing the crime scene and use of natural and social sciences in gathering and analyzing evidence, and in preparing presentation for court. (Prerequisite: SCJ225). Spring.

SCJ299. Experimental Course (1-4).

SCJ301. Federal Law Enforcement Careers (3).

Survey of criminal justice occupations in the federal system, including positions in homeland security, law enforcement, corrections and the judiciary. This course will explore the roles those holding these occupations play within their respective institutions and the federal system as a whole. (Prerequisite: SCJ225). Offered as needed.

SCJ308. Sex Discrimination and Violence Against Women (3).

Explores how legal and social institutions handle issues of sex and gender-based discrimination and violence. These issues include: sexual harassment, sexual assault, domestic violence, and workplace discrimination. Examines patriarchy, prejudice and stereotyping. (Prerequisites: SCJ225 and SOC104).

SCJ351. Selected Topics in Criminal Justice (2-4).

Topics of interest to faculty and students, may include juvenile treatment, domestic violence and batterers treatment; probation, prison, and parole; women and crime; federal law enforcement and public administration; stress and crime. Offered as needed.

SCJ360. Criminology & Prevention (3).

Introduction to major criminological theories and research, including fieldwork insights from criminals, prisoner stories, and ex-con academic criminologists. Application of criminological theory to design of crime prevention programs. (Prerequisite: SCJ225). Fall.

SCJ361. Police & Urban Society (3).

Issues in urban policing, including the history, organization, roles and styles of policing, the police subculture, patrol and investigative duties, community relations, discretion, corruption and accountability. (Prerequisite: SCJ225). Spring.

SCJ362 Sociology of Gangs in Contemporary Society

An overview of the development of gangs in contemporary society, including: sociological tradition of theory and research on gangs; the response of the criminal justice system and other social institutions; gang structure and behavior. Emphasis is placed on the myths, perceptions and stereotypes of gangs in contrast to the reality of gang life. Trends in gang membership and composition, geographic distribution, and criminal activity will also be discussed. (Prerequisite: SOC104)

SCJ363. Corrections & Rehabilitation (3).

Introduces treatment and therapy modalities used in residential treatment for adjudicated youth, and in adult corrections. Exposure to U.S. prison system use of mass incarceration, roles of probation and parole, and reentry issues. (Prerequisite: SCJ225). Fall.

SCJ364. Drugs in American Society (3).

The history of drug use in the U.S.; types of drugs and their effects; medical and health perspectives; social control and legal aspects of drug use; the “legalization” debate; the social consequences of drug use; the period of the “war on drugs” and its effectiveness. Drug policy in the criminal justice system. (Prerequisite: SOC104). Offered as needed.

SCJ366. Criminal Law (3).

Introduces first year law school and the American Court system, with focus on criminal law. Defense attorney’s role, burdens of proof, forms of evidence, criminal evidence and legal reasoning. Introductory research skills for briefing a case. (Prerequisite: junior standing). Fall.

SCJ393. Criminal Procedure & the Courts (3).

Focuses on constitutional rights of criminal suspects and defendants during the investigation and litigation process. Explores structures and procedures within state and federal trial and appellate courts. Attention is given to the role of participants, relevant substantive and procedural law, implications of court decisions. (Prerequisite: SCJ225). Spring.

SCJ396. Constitutional Law I: Powers of Government (3).

Study of U.S. Supreme Court decisions that resolve struggles for power between the three branches of government and between the federal and state governments. Consideration of such issues as the government’s authority to regulate drugs, the president’s commander-in-chief powers and the distinctions between federal and state court cases. Cross-listed with PSCI396. Students who are taking PSCI396 may not take this course for credit. (Prerequisite: junior standing). Offered as needed.

SCJ397. Constitutional Law II: Individual Liberties (3).

Study of U.S. Supreme Court decisions that determine the extent to which individual liberties are protected under the U.S. Constitution, with special attention given to civil rights issues. Will include explorations of the constitutional rights to due process, equal protection, to keep and bear arms and other issues. Cross-listed with PSCI397 Students who are taking PSCI397 may not take this course for credit. (Prerequisite: junior standing). Offered as needed.

SCJ399. Professional Internship (1-12).

Students have the opportunity to participate in field projects or work with professional staff members in organizations such as police and sheriff's departments, courts, probation departments, juvenile centers, correction facilities, prevention agencies, community organizations and human service organizations. Open to juniors and seniors.

SCJ400. Freedom of Expression & Crime (3).

Uses major Supreme Court cases and other materials to explore the First Amendment rights of those who have been accused of crimes. Will include the study of the philosophical and legal history of freedom of expression. Will especially focus on how courts have sought to balance the constitutional right to freedom of expression with other important social interests. (Prerequisite: junior standing). Offered as needed.

SCJ402. Wrongful Conviction Seminar (3).

Explores how defects within the criminal investigation and adjudication processes, including false confessions, eyewitness misidentification, inadequate counsel, and others, can result in the conviction and punishment of innocent defendants. (Prerequisite: junior standing). Fall

SCJ403. Death Penalty Seminar (3).

Focuses on legal, historical, and philosophical issues related to capital punishment in the U.S. Special attention will be given to the processes by which criminal defendants are sentenced to death. (Prerequisite: junior standing). Offered every other Spring.

SCJ404. Issues in Homeland Security (3).

Focuses on national security agencies and issues, including cyber-crimes and terrorism. Special emphasis will be given to understanding the creation and operations of the U.S. Department of Homeland Security (Prerequisite: SCJ225). Fall.

SCJ405. Issues in Prison Reform (3).

Explores controversial and topical issues in U.S. prisons. Special focus is given to exposing problems and studying proposed solutions regarding the quality and functionality of correctional institutions. (Prerequisite: SCJ225). Fall.

SCJ451. Independent Study (1-4).

Supervised reading and research in sociology, criminal justice. (Prerequisite: permission of department).

SCJ499. Advanced Experimental Course (1-4).

**Courses in Business-
Sport Management (SMGT)**

SMGT100. Introduction to Sport Management (3).

Introduction to academic and professional field of sports management. Develops a framework for understanding the business of sport including an in-depth analysis of the sport and sport-related industries; emphasis given to applying the rational decision-making model in the manager's planning, organizing, leading, controlling decisions. Includes exploration of career opportunities. *Fall and Spring.*

SMGT101. Introduction to eSports Management (3).

Students will navigate the structure of eSports leagues, teams, players, gaming publishers, tournament operators, media and affiliate organizations. Students will learn baseline skills in eSports streaming, broadcasting, marketing, and public relations.

SMGT111. Introduction to Games (3).

Games sit at the intersection of technology, art, and culture, and this course will explore all three elements, as well as the role games play in society, and the industry that produces them. The basics of gaming development will also be explored. This course was developed in partnership with Unity and the IGDA.

SMGT199. Exploratory Internship (1-3).

SMGT231. Sport History (3).

This course examines the history of sports. Students will explore how athletic activities were transformed into spectator sports at the collegiate and professional level, and how sports reflected and informed issues such as race, class, and gender. Prerequisite: SMGT100

SMGT299. Experimental Course (1-3).

SMGT301. Distribution of Games (3).

The role of a publisher in the games industry is to ensure that a game can get in front of its audience successfully. To do that, a publisher must consider a variety of distribution strategies and channels. This course will teach how publishers promote games and bring them to market. By the end of this class, students will be able to plan a game's launch and promotion. (Prerequisite: MKTG230 & SMGT111)

SMGT350. Topics in Sports Management (3).

In-depth theoretical and practical coverage of concepts in a specialized area of business administration, using the conceptual knowledge for planning and problem solving.

Course Descriptions

Topics may include but are not limited to new product development, managing information, ethical considerations in decision making and cross-cultural business negotiations. May be repeated with a different topic. (Prerequisite: permission of instructor). Offered as needed. *Offered as needed.* **SMGT362. Sports Marketing (3).**

Application of marketing principles to sports, sports events, and sports products. Use of marketing strategies and techniques including public relations, sales, promotions and advertising for sports. Emphasis includes; sports as a marketing tool for other products, marketing of sports products; and emerging considerations in the sports marketing field. (Prerequisite: MKTG230). *Fall.*

SMGT364. Facility Planning & Management (3).

Explores the competencies necessary to manage and operate sport and other public event facilities. Topics include facility design, scheduling, security and supervision, housekeeping and maintenance, concessions and merchandise, risk management and insurance. Includes conceptual and technical aspects related to developing and operating sport-related events. (Prerequisite: MGMT243). *Fall.*

SMGT369. Professional Sports Management Internship (3).

Professional internship in sports management field involving direct experience in the management of; a sport facility, sports team, sports information for team/franchise, or marketing activities for team/ franchise, or front-office experience. Internship experiences that include a significant coaching component do not qualify for credit in this degree program. (Prerequisite: junior or senior standing). *Offered Fall, Spring, and Summer.*

SMGT375. Sport in Film (3).

This course will critically examine visual representations of sport in popular culture. Particular attention will be paid to how media, as a form of popular culture, is produced, represented and, ultimately, consumed. Moreover, the course will examine how dominant ideologies are often perpetuated and, perhaps, resisted in and through a variety of visual forms. Offered in May.

SMGT399. Professional Internship (1-12).

SMGT451. Independent Study (1-3).

(Prerequisite: permission of Business Department).

SMGT463. Legal & Ethical Issues in Sport (3).

Survey of the legal and ethical issues in the sports industry. Topics may include negligence; liability; violence/crowd

control; product liability; risk management; contracts; labor agreements; antitrust; gender equity. Explores and analyzes specific legal and ethical dilemmas. (Prerequisite: junior standing). *Offered Fall and Spring.*

SMGT499. Advanced Experimental Course (1-3).

Courses in Sociology (SOC)

SOC104. Introduction to Sociology (3) (SOCIAL SCIENCE).

The patterns of relationships among individuals, groups, organizations and social institutions in society. Students are introduced to different sociological perspectives and methodologies used in understanding social life. *Fall, Spring.*

SOC199. Exploratory Internship (1-3).

An observational internship providing opportunities to gain relevant career experiences and information in the fields of sociology and criminal justice. Open to second-semester freshmen and above.

SOC201. Social Problems (3).

The nature, causes and attempted solutions to various American social problems are examined; these may include deviance, poverty, family violence, various forms of discrimination, health issues and environmental hazards. (Prerequisite: SOC104). Offered as needed.

SOC202. Sociology of Sex & Gender (3).

A sociological analysis of gender construction and sexual inequality, including an introduction to general historical knowledge about men's and women's lives, social forces affecting reproduction, sexuality, intimacy, parenthood and gender role patterns. *Fall.*

SOC299. Experimental Course (1-4).

SOC303. Race and Ethnic Relations (3).

A sociological analysis of the concepts of race and ethnicity both in the United States and around the world. Special emphasis placed on relationships between ethnic groups and solutions to problems associated with race and ethnicity. (Prerequisite: junior standing). *Fall.*

SOC307. Marriage and the Family (3).

Topics include the development of marriage and the family in their various forms up to the present; consideration of

Course Descriptions

contemporary marriage patterns and relationships; family disorganization and reorganization; and the effects of social change on marriage and the family. (Prerequisite: SOC104). Fall

SOC309. Urban Sociology (3).

Topics include types of communities; factors influencing urban growth and development in world regions and in the U.S.; demographic trends and ecological factors; urban planning and redevelopment; community agencies and services; social problems associated with urban life; and forms of interaction emanating from urban structures. (Prerequisite: SOC104). Fall.

SOC311. Class, Status and Power (3).

Who gets what and why? An examination of social class, the social conditions which lead to class formation, class-related behavior, social class through the life cycle and the historical basis of stratification, particularly in the United States. (Prerequisite: SOC104). Fall.

SOC350. Selected Topics in Sociology (2-4).

Examination of a particular topic of current interest to faculty and students. Topics which may be considered include: applied sociology, conflict management, crime and gender, crime prevention, sexual deviance, terrorism violence, the sociology of culture, of film, of the media. May be repeated with a different topic. (Prerequisite: completion of one social science course). Offered as needed.

SOC381. Sociological Theory (3).

Provides a survey of the history of social philosophy and theory, starting from early human civilizations and continuing through the 20th century. Grapples with questions about human existence, social organization, division of labor, resource allocation, morality and the rule of law and non-conformity. (Prerequisite: SOC104 and Junior Standing). Spring.

SOC385. Social Research Methods (3).

An overview of the primary data collection methodologies used in social science research, including surveys, experiments, interviews, and observation. Introduces basic analytic skills appropriate for quantitative and qualitative data. Discusses considerations such as research ethics, validity and reliability, and critical consumption of data. (Prerequisite: SOC381). Fall

SOC399. Professional Internship (1-12).

Students have the opportunity to participate in field projects or work with professional staff members in organizations such as police and sheriff's departments, courts, probation departments, juvenile centers, correction facilities,

prevention agencies, community organizations and human service organizations. Open to juniors and seniors.

SOC405. Critical Theory of Society (3).

This course uses an interdisciplinary approach to examine how legal, political and social institutions function within society. It gives special emphasis to the roles class, authority, and ideology play within these systems. (Prerequisite: SOC104). Offered as needed.

SOC407. Capstone: Senior Research (3).

Each student will execute the scientific research process from start to finish, including: theoretical application; forming and testing research questions; database creation and management; utilizing existing data in social science fields or independent data collection; analysis of quantitative or qualitative data; and writing and presenting conclusions in a professional manner. (Prerequisites: SOC381 and SOC385). Spring

SOC451. Independent Study (1-4).

Supervised reading and research in sociology, criminal justice. (Prerequisite: permission of department).

SOC499. Advanced Experimental Course (1-4).

Courses in Social Work (SOCW)

SOCW199. Exploratory Internship (1-3).

An observational internship providing opportunities to gain relevant career experiences and information in the field of social work. Open to second-semester freshmen and above.

SOCW200. Foundations of Social Work (4).

The development, skills, knowledge, and perspectives of the Social Work profession. Students will be introduced to concepts fundamental to understanding the helping professions' efforts on behalf of vulnerable populations. Includes history, practice settings, professional roles, agencies, political implications, and values/ethics related to social work careers. Includes a required service-learning project. Fall, Spring.

SOCW299. Experimental Course (1-4).

SOCW314. Professional Writing & Documentation (4).

The course prepares students for the writing demands of professional, agency-based practice. Special attention will be given to structure of documents, appropriate information

Course Descriptions

to include, and the social worker role in the documentation process. (Prerequisites: Acceptance in the Social Work program and declared Social Work major).

SOCW325. Diversity: Inequality, Privilege, & Oppression (4).

The dynamics of diversity and difference in American society. The impact of human differences such as age, class, color, culture, disability, ethnicity, gender, gender identity and expression, immigration status, political ideology, race, religion, sex, and sexual orientation on life chances, including discrimination and oppression outcomes will be studied. Fall, Spring.

SOCW330. Human Behavior in the Social Environment (4).

Study of the person in her/his environment using models of human behavior focusing on the interaction between persons and the social systems they encounter throughout maturation. Knowledge about persons as biological, psychological, social, cultural, and spiritual creatures is integrated as the “person” is followed through the life cycle. Special attention will be given to the interactions and systems as they relate to and affect Social Work practice with a variety of populations, including those experiencing ethnic, racial, and age-based discrimination. (Prerequisite: SOCW200). Spring.

SOCW331. Selected Topics in Social Work (2-4).

Topics not included in the regular course offerings. Topic and prerequisite specified in semester course schedule. May be repeated with different topics. Offered as needed.

SOCW333. Social Welfare Policy & Services (4).

The development and implementation of social welfare policies from historical, political, and philosophical frameworks. How does a society decide: who should be served, when, how much, and in what fashion? How does this reflect the society’s perspectives about “others” in their world who may be poor or otherwise disadvantaged? What actions are chosen and why? Fall.

SOCW336. Generalist Social Work Practice Methods I (Individuals & Families) (4).

Theoretical foundations of generalist social work practice with individuals and families. Focus on case-management skills; assessment, goal-setting, intervention, termination, and practice evaluation in a systemic, Person-in-Environment context. Special attention to work with diverse and vulnerable populations. (Prerequisites: SOCW200, SOCW330 and admission to the Social Work program). Fall.

SOCW337. Generalist Social Work Practice Methods II (Groups, Communities, & Organizations) (4).

Theoretical foundations of generalist social work practice with groups, communities, and organizations. Groups dynamics concepts used to apply problem-solving methods for treatment and task groups. Community organization emphasized as a viable practice method. Close relationship between community and organizations explored through concepts of empowerment, control, mobilization, collective action and problem-solving. (Prerequisite: SOCW336). Spring.

SOCW382. Trauma Across the Lifespan (4).

This course prepares for the demands of professional exposure to trauma related topics, to better prepare them for common symptom presentation, generational trauma exposure, developmental trauma, and common treatments for simple and complex trauma.

SOCW390. Social Work Research Methods (4).

Overview of research methodologies used in social work practice and publication. Format includes lectures and experiential learning to develop a research proposal, including techniques for quantitative and qualitative data analysis and presentation. (Prerequisites: Acceptance in the Social Work Program and declared Social Work major).

SOCW399. Professional Internship (1-12).

Students have the opportunity to participate in field projects or work with professional staff members in organizations such as prevention agencies, human service organizations, juvenile centers, community organizations, and probation departments. Open to juniors and seniors.

SOCW404. Modern Social Work Theory (4).

Major theoretical systems used in current social work practice at the micro, mezzo, and macro levels. Application to special populations will be included. (Prerequisites: SOCW337, senior standing, and permission of department).

SOCW405. Capstone: Senior Social Work (2).

Culminating course in social work that synthesizes theory, research, policy and practice methods. Students produce documents that combines research and analysis applied to practice in the field. Understanding of social work concepts and readiness/competency to begin the professional social work practice must be demonstrated. (Prerequisites: senior standing, departmental permission, Co-requisites: SOCW496). Fall, Spring.

SOCW451. Independent Study (1-4).

Course Descriptions

Supervised reading and research in social work. (Prerequisite: permission of department).

SOCW495. Social Work Practicum I (5).

With SOCW496, two consecutive semesters of supervised practicum consisting of a minimum of 400 hours in an approved social work setting. Requires weekly seminars on campus. Social Work majors only. (Prerequisites: SOCW337 and permission of Social Work Program Director). Fall, Spring.

SOCW496. Social Work Practicum II (5).

Continuation of SOCW495. (Prerequisite: SOCW495). Fall, Spring.

SOCW499. Advanced Experimental Course (1-4).

Courses in Teacher Education (T ED)

Candidates are required to complete 200 hours of clinical experience in school settings, appropriate to their certification areas and levels, before Associate Teaching. Most of these hours will be completed as co-requisite experiences for T ED courses. Candidates will use Watermark Student Learning and Licensure to report hours that will be verified by both the Cooperating Teacher and the Placement Coordinator.

T ED101. Explorations in Education (1).

An opportunity for freshman and sophomore students to explore the field of professional education by evaluating their own motivations, skills, and abilities related to teaching. This class is open to only Freshman and Sophomore teacher education candidates. Fall and Spring.

T ED102. Foundations in Health and Physical Education (3).

This introductory class addresses the history of health and physical education, including their collaborative relationship in school and the evolution of coordinated School Health and Whole School, Whole Community, and Whole Child Approach. The relationship between health and academic success will also be discussed.

T ED103. Lifetime Nutrition (3).

This class will address the nutrition basics applied to daily living. Also includes nutrition and wellness concepts in relation to the individual and family throughout the lifespan. Spring.

T ED106. Personal Health (3).

Introduction to the six risk factors identified by the CDC; how they impact the individual's personal fitness, wellness, and health. Topics include; nutrition, physical activity, intentional/unintentional injury, sexuality, tobacco, alcohol and other drugs, stress management; disease prevention. Empowers students to make responsible decisions that lead to healthy lifetime behaviors. Spring.

T ED108. Instructional Technology Foundations (1).

The exploration of technology-based education that can be utilized at the elementary, middle and secondary levels. Students will participate in tech-based experiences that can enhance productivity, engagement and critical thinking in the classroom. Fall, Spring.

T ED109. Introduction to Educational Technology (2).

The introduction of instructional technology into elementary, middle, and secondary programs, including the use of software and hardware and the appropriate application of available materials to specific classroom settings. In addition, students will demonstrate competencies in the use of computer technology tools. (Prerequisite: TED101) Fall, Spring.

T ED199. Exploratory Internship (1-3).

T ED204. Educational Psychology (3) (SOCIAL SCIENCE)

The application of psychological principles in education, focusing on the teacher as a professional educator and as an individual. Topics include the components of effective classroom teaching and pre-adolescent and adolescent development. (Prerequisite: T ED 101; Co-requisite: T ED 204L). Fall, Spring.

T ED204L. Clinical Experience (1).

Provides the opportunity to gain observational and practical experience in the classroom setting. Thirty field hours are required for each semester hour of academic credit. Students are placed in the field in accordance with their major/minor. (Prerequisite: TED101; Co-requisite: T ED204). Fall, Spring

T ED205. Education of Exceptional Students (3).

An overview of characteristics, needs, and current practices in the education of the gifted, mentally challenged, emotionally impaired, physically handicapped, and those with cultural differences. The course will cover preschool, pre-adolescent and the adolescent exceptional student. (Co-requisite: T ED 205L) Fall, Spring.

T ED205L. Clinical Experience (1)

Course Descriptions

Students will receive clinical placements in classroom settings with students who are identified as exceptional (with an approved IEP or accommodations). (Prerequisite: TED204; Co-requisite: T ED205).

T ED206W. Child Development: Conception Through Early Childhood (3).

An in-depth study of the physical, social, emotional, and intellectual development of children, including children with special needs. (Prerequisite: CCC102) Writing Intensive.

T ED208. History & Geography for the Elementary Teaching Experience (3).

An overview of the knowledge, understanding and application of the major concepts of history, geography expectations, lessons, topics, concepts taught; of texts and instructional material used, in grades K-6 in preparation for the State of Michigan elementary teacher certification tests, and for those interested, Social Studies endorsement tests.

T ED209. Civics, Government & Economics for the Elementary Teacher (3).

An introduction to the knowledge, understanding and application of the major concepts of civics, government and economics expectations, lessons, topics, and concepts taught; tests, instructional materials used in grades K-6. Preparation for the State of Michigan elementary teacher certification tests, and for those interested, social studies endorsement tests.

T ED211. Classroom Experience – Early Childhood (1)

A specialized section of T ED200 for the Early Childhood Education minor. This field-based course is designed for teacher candidates in early childhood to observe young children and gain practical experience in early-childhood settings. Thirty field hours are required. Offered as Needed.

T ED217. Adolescent Development (3).

An in-depth study of the physical, social, emotional and intellectual development of adolescents as applied to the unique problems and possibilities confronting adolescents. (Prerequisite: CCC102; Co-requisite: T ED217L).

T ED217L. Clinical Experience (1).

Provides the opportunity to gain observational and practical experience in the classroom setting. Thirty field hours are required for each semester hour of academic credit. (Co-requisite: T ED217).

T ED221. Physical Health and Wellness (3).

Physical Health and wellness risk factors and protective factors will be addresses. Topics will include safety, alcohol, tobacco, and other drugs, nutrition and physical fitness. Their relationship to overall health will be addressed including relevant resources.

T ED240. Foundations of Education (3).

Examine the historical, philosophical, and sociological foundations of education as they relate to schools. Students will develop an understanding of the relationship between society and education. Students will also examine the teaching field, current trends, and teaching as a profession. Fall.

T ED242. Multicultural Education in the 21st Century (3).

This course provides an introduction to cultural and diversity issues related to education. It explores individual differences of self and others regarding ethnicity, race, socioeconomic status, gender identity, exceptionalities, citizenship, language and sexual orientation in the context of education and society Topics also include power, class, privilege, and social justice in schools; and navigating the current system to remove the barriers to equity. Spring.

T ED277. Mathematics for Elementary Teachers Grade PK-3 (3).

A mathematics content course for prospective PK-3 elementary school teachers. Topics include unpacking content; identifying competence; performing explanations; choosing, interpreting, and talking with representations; and eliciting, interpreting, supporting, and extending others' thinking with regard to attribution, counting and whole number representations, early fraction representation, are used in this course. Spring.

T ED278. Mathematics for Elementary Teachers Grades 3-6 (3).

A mathematics content course for prospective elementary teachers in grades 3-6. Topics include unpacking content and identifying competence; performing and supporting children's mathematical explanations; choosing, interpreting, and talking with representations; and eliciting, interpreting, and extending others' thinking with regards to whole numbers, fractions, decimals, and operations. Mathematics manipulatives will be used in this course. Fall.

T ED281. Today's Health Content I (3).

Course Descriptions

Comprehensive Health Ed. is one of the eight components of a Coordinated School Health Program. Provides an understanding of optimal nutrition, weight mgmt. principles, physical activity, concepts & responsible use of ATOD. Emphasis on providing accurate age-appropriate functional knowledge selecting effective educational resource materials and encouraging children to adopt healthy behaviors. Spring.

T ED282. Today's Health Content II (3).

Continuation of content in a Comprehensive Health Education Curriculum; topics include mental/emotional health, intentional/unintentional injuries, character education, suicide and violence prevention. Emphasizes providing age-appropriate functional knowledge, selecting effective educational resources materials and encouraging children to adopt healthy behaviors. Fall.

T ED291. Elementary Science Principles I (3)

This course explores objectives, methods, and content in PK-6 science instruction, emphasizing concept development in several areas of PK-6 science; refers to pertinent contributions from research; provides opportunity for engaging in core teaching practices around investigation-based science lessons. Elementary teacher candidates will explore the use of the NGSS standards in planning for instruction. Fall.

T ED292. Elementary Science Principles II (3).

This course will provide PK-6 elementary teacher candidates with pedagogical content knowledge, principles of science, and content standards in the major concepts of physical, life, and earth and space sciences along with integration of STEM concepts. Spring.

T ED299. Experimental Course (1-3).

T ED300. Clinical Experience (1).

Laboratory study of the structure of learning in schools. Special attention is paid to the nature of learning in specific areas of academic study, such as in actual pupil-teacher experience. This course is a co-requisite to some secondary education methods courses. Elementary candidates should register for 1 credit of T ED300 each semester in which they are enrolled in a methods course. Thirty contact hours are required for each semester hour of academic credit. May be repeated. Fall/Spring.

T ED308. Partnerships Between Home, School & Community in Early Childhood Education (2).

Create an understanding of both why and how to build partnerships between home, schools and communities in early childhood education. Focus on practices that involve developing good communication and trust to better meet the needs of children.

T ED309. Special Needs/Inclusion in Early Childhood Education (3).

Provides an understanding of the background, both legal and historical, of special needs children in the early childhood setting. Focus on development of practices that help identify, plan for and work with children who have special needs. (Prerequisite: T ED206).

T ED311. Clinical Experience - Early Childhood (1).

A specialized section of T ED300 for the Early Childhood Education minor. Laboratory study of the structure of learning in early childhood settings. Special attention is paid to the nature of developmentally-appropriate practice and learning. Thirty contact hours are required. (Co-requisite: T ED364)

T ED312. Human Anatomy & Physiology for Teachers (3).

Open to T ED students only. Overview of structure and function of all levels or organization in humans, with emphasis on organs and organ systems. Course structure will model teaching concepts such as classroom management, as well as safety and teaching strategies. (Prerequisites: BIOL103 and BIOL104, or permission of instructor; Co-requisite: T ED313).

T ED313. Human Anatomy & Physiology for Teachers Lab (1).

Open to T ED students only. Overview of structure and function of all levels or organization in humans, with emphasis on organs and organ systems. Course structure will model teaching concepts such as classroom management, as well as safety and teaching strategies. (Prerequisites: BIOL103 and BIOL104, or permission of instructor; Co-requisite: T ED312).

T ED320. Creative Programs for Young Children (3).

Methods of planning the curriculum for a preschool program in small and large group settings, including creative expression, language arts, music and rhythm, science, pre-number experiences and large and small motor skills. Planning for children with special needs in the regular preschool program is also included. (Prerequisite: T ED206). Offered as needed.

Course Descriptions

T ED330. Teaching-Learning Processes: Secondary and K-12 (3).

The teaching-learning processes in the middle and secondary schools, with emphasis on such competencies as formulating purposes of the school; developing a philosophy of classroom management; identifying learning styles; developing course, unit and lesson plans; meeting curriculum standards; setting learning objectives; and developing assessment instruments. (Prerequisite: TED204 and TED 204L; Co-requisite: TED330L) Spring.

T ED330L Clinical Experience (1)

Clinical study of the structure of learning in schools. Special attention is paid to the nature of learning in specific areas of academic study, such as actual pupil-teacher experience and classroom management. Thirty contact hours are required for each semester of academic credit. (Corequisite: T ED330)

T ED332. Teaching Language Arts in the Middle & Secondary School (2).

Designing and selecting materials that engage students in learning the English language arts; differentiating instruction through a variety of instructional and assessment strategies; Michigan's ELA content expectations. (Prerequisite: T ED330; Co-requisite: T ED300). Spring.

T ED335. Teaching Modern Languages in the Middle & Secondary School (2).

Methods of teaching modern languages with emphasis on: best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards-based education including the Michigan Curriculum content standards. Subject/grade appropriate clinical experience must be completed concurrently with the course. Required for secondary or K-12 certification in world language. (Prerequisite: T ED330; Co-requisite: T ED300). Spring.

T ED336. Teaching Mathematics in the Middle & Secondary School (2).

Standards based mathematics instruction including: Michigan Curriculum content expectations; differentiating instruction through various teaching and assessment methodologies; classroom organization and management; instructional technology integration. (Prerequisite: T ED330; Co-requisite: T ED300). Spring.

T ED337. Teaching Physical Education in the Elementary, Middle & Secondary School (2).

Standards based physical education; planning and delivering a variety of teaching/learning strategies to meet the needs of diverse students; classroom organization, management and safety. Required methods course for elementary, secondary, or K12 PE certification. (Prerequisite: T ED330 or T ED340 and ESAT222;

Co-requisite: T ED300). Spring.

T ED338. Teaching Health Education in the Middle and Secondary School (3).

Standards based health instruction; assessment of student learning and needs; selecting, planning and delivering a variety of teaching/learning strategies to meet the needs of diverse students; integrating health education across the curriculum; use of technology to support student learning. Subject/grade appropriate clinical experience must be completed concurrently with the course. (Prerequisite: T ED330; Co-requisite: T ED300). Fall.

T ED339. Teaching Modern Languages in K-12 Schools (2).

Methods of teaching modern languages with emphasis on: best instructional practices, teaching methodologies and techniques, systematic classroom organization and management, instructional technology integration, standards-based education including the Michigan Curriculum content standards. Subject/grade appropriate clinical experience must be completed concurrently with the course. Required for K-12 certification in world language. (Prerequisite: T ED330; co-requisite: T ED300). Spring.

T ED340. Teaching/Learning Processes: Elementary (3).

Teaching-learning processes in elementary and middle school, with emphasis on such competencies as formulating purposes of the school; developing a philosophy of classroom management; identifying learning styles; developing course, unit and lesson plans; addressing curriculum standards; setting learning objectives; and developing assessment instruments. This course serves as a prerequisite for all other elementary education methods classes. (Prerequisite: T ED 204, 205, and application submitted for Level 2 Progression; Co-requisite: T ED 340L) Fall.

T ED340L. Clinical Experience (1).

Clinical study of the structure of learning in schools. Special attention is paid to the nature of learning in specific areas of academic study, such as actual pupil-teacher experience and classroom management. Thirty contact hours are required for each semester of academic credit. (Co-requisite T ED 340)

Course Descriptions

T ED341. Teaching Sciences in the Middle & Secondary School (2).

Integrating the sciences using essential features of classroom inquiry, best instructional practices, teaching methodologies and techniques, systematic classroom organization, management and safety, instructional technology integration, standards-based education including Michigan's content expectations. Subject/grade appropriate clinical experience must be completed concurrently with the course. (Prerequisite: T ED330; Co-requisite: T ED300). Spring.

T ED343. Teaching Social Studies in the Middle & Secondary School (2).

Curricular goals and strategies for the social sciences; differentiating instruction through a variety of teaching methodologies; classroom organization and management, integration of technology, Michigan's content expectations. Subject/grade appropriate clinical experience must be completed concurrently with the course. (Prerequisite: T ED330; Co-requisite: T ED300). Spring.

T ED345. Secondary Methods and Materials (3)

This course builds on the fundamentals of pedagogy and methodology at the secondary level. Methods used to enhance learning include current trends in education, using technology, adapting instruction, and meeting the needs of diverse learners. Subject/grade-appropriate clinical experience must be completed concurrently with the course. Clinical experience will include the development, teaching and observation of multiple lessons with feedback for the candidate. (Prerequisite: T ED330; Corequisite: T ED345L.

T ED345L Clinical Experience (1)

Clinical study of the structure of learning in schools. Special attention is paid to the nature of learning in specific areas of academic study, such as actual pupil-teacher experience and classroom management. Thirty contact hours are required for each semester of academic credit. (Corequisite: T ED345)

T ED346. Literacy in Content Areas (3).

Topics include the application of literacy instruction to all content areas; determining the readability of instructional materials; determining the suitability of instructional materials for given students; recognizing the basic and unique literacy skills required in various content areas and evaluation of student abilities in using those skills; using various strategies for improving student literacy in the content areas. (Prerequisite: T ED330; can also be taken as a co-requisite). Fall.

T ED347. Children's Literature (3).

Poetry and prose selected especially for children, including both classic and recent works, with attention to notable illustrators and authors. Students will study various genres and learn how to use literature with children in a variety of settings. Designed for students preparing for elementary teaching or library work.

T ED348. Adolescent Literature (3).

Poetry and prose selected especially for adolescents, including both classic and recent works. Students will learn about the importance of using literature and poetry with children in this age range. Designed for students preparing for secondary teaching or library work.

T ED349. Teaching Communication Arts/Speech in the Middle & Secondary School (2).

Methods of teaching speech and communication arts; teaching methods and assessment of student learning, classroom organization and management, instructional technology, standards-based education, role and organization of co-curricular activities. Subject/grade appropriate clinical experience must be completed concurrently with the course. (Prerequisite: T ED330; Co-requisite: T ED300). Spring.

T ED352. Secondary Health Methods and Technology (3).

Best practices for health education methods based on the Michigan Standards for Health Education. Teaching strategies including assessment of student learning and needs to address diverse learning styles, integration of health across the curriculum, and the use of technology to support student learning. Contact specific to middle and high school setting. Subject/grade appropriate clinical experience must be completed with the course. (Prerequisite: T ED204; Co-requisite T ED352L).

T ED352L. Clinical Experience (1).

Provides the opportunity to gain observational and practical experience in the classroom setting. Thirty field hours are required for each semester hour of academic credit. Students are placed in the field in accordance with their major/minor. (Co-requisite TED 352)

T ED353. Physical Education Curriculum and Assessment (3).

Developing standards based physical education curriculum emphasizing program and curriculum design utilizing a variety of assessment tools and strategies within the curriculum design. (Prerequisites: T ED354 and/or T ED355).

T ED354. Elementary Health and Physical Education Methods (3).

Designed to provide standards-based active learning experiences for health and physical education teacher candidates to select, plan, implement and assess developmentally appropriate activities in the elementary setting to support student learning. (Co-requisites: T ED354L). Fall

T ED354L. Clinical Experience (1)

Provides the opportunity to gain observational and practical experience in the classroom setting. Thirty field hours are required for each semester hour of academic credit. Students are placed in the field in accordance with their major/minor. (Co-requisite: TED354)

T ED355. Secondary Physical Education Methods and Technology (3).

Designed to provide standards based active learning experiences for physical education teacher candidates to select, plan, implement and assess developmentally appropriate motor activities, including technology infusion in the elementary setting to support student learning. (Prerequisites: T ED330; Co-Requisite T ED355L). Spring

T ED355L. Clinical Experience (1)

Provides the opportunity to gain observational and practical experience in the classroom setting. Thirty field hours are required for each semester hour of academic credit. Students are placed in the field in accordance with their major/minor. (Co-requisite: TED355) Spring

T ED356. Early Language and Literacy Development (3).

An introduction to language and literacy in the young child. Students will explore phonological and phonemic awareness, oral language development, high frequency vocabulary, spelling strategies and fluency development. Students will learn the importance of a child's cultural background and how experiences influence their literacy development. Students will learn how to create and foster a literacy-print rich environment that engages children in developmentally appropriate experiences. (Prerequisites: T ED204 and T ED205) Fall.

T ED357. Writing Instruction K-6 (3).

The purpose of this course is to provide the student with knowledge of various writing practices and skills and how to apply those practices into classrooms with diverse students. Students will be taught strategies in how to teach and assess vocabulary, handwriting, composition, speaking

and listening. (Prerequisites T ED204 and T ED205). Spring.

T ED358. Teaching Reading in the 21st Century (3).

Provides teacher candidates with an integrated understanding of the literacy constructs across the PK-6, grade levels. Additional topics include research-based exploration of the nature of the reading process and related classroom practice. Teacher candidates will also examine an equity framework for culturally and historically responsive literacy using quality multicultural children's literature. (Prerequisites: T ED340 and T ED356) Spring.

T ED359. Reading Instructional Practices and Assessment (3).

Topics include the application of reading instruction in content areas; development and/or selection of objectives for reading instruction; reading assessments, factors which contribute to difficulties in literacy, methods to evaluate student progress, procedures for strengthening students' literacy learning; and communication to stakeholders. Students will utilize this understanding to implement culturally responsive and developmentally appropriate instructional practices related to literacy. (Prerequisites: T ED340, T ED356, T ED357, and T ED358) Fall.

T ED360. Language Arts Methods for Elementary Teachers (3).

This course focuses on theory and research in using integrated, discipline-based instruction in teaching reading and writing to promote student achievement across content area subjects. Instructional approaches include the examination of an integrated, inquiry-based curriculum series using a multidisciplinary approach to increase student learning. (Prerequisites: T ED356, T ED357, T ED358, T ED359 and T ED340) Spring.

T ED360L. Clinical Experience (1).

Clinical study of the structure of learning in schools. Special attention is paid to the nature of learning in specific areas of academic study, such as actual pupil-teacher experience. Thirty contact hours are required for each semester of academic credit. (Co-requisite: T ED360)

T ED364. Methods and Materials for Early Childhood Education (3).

The history, theories, and basic principles of developmentally appropriate instruction, along with methods and materials appropriate to early childhood education are studied. (Prerequisite: T ED206; Co-requisite: T ED311). Offered as needed.

T ED365. Teaching of Reading I & Clinical

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Experience (3).

An introduction to literacy education. Topics include research-based exploration of the nature of the reading process and related classroom practice; emergent and early literacy; developing word identification skills, including phonics; and building vocabulary. Comprehension is emphasized throughout the course. Peer teaching or elementary classroom teaching is also included. (Co-requisite: T ED340). Fall.

T ED366. Teaching of Reading II & Clinical Experience (3).

Topics include the application of reading instruction to content areas; the organization and management of classroom reading programs; the development and/or selection of specific objectives for reading instruction; a survey of factors which contribute to difficulties in literacy education, techniques for evaluating student progress, and programs and procedures for strengthening literacy learning; and communication of information to administrators, parents, teachers and students. Field experience is a required part of the course. (Prerequisite: T ED365). Spring.

T ED374. Teaching Foreign Languages in Elementary Schools (2).

Methods of teaching world languages in the elementary school (FLES) classroom. Topics include: theories and research on second language acquisition in children; current methods and trends; the development of appropriate instructional and assessment techniques; the integration of foreign languages into the elementary curriculum. Required for elementary or K-12 certification in a world language. (Prerequisites: T ED340 and permission of instructor). Offered as needed.

T ED375. Teaching of Science & Mathematics in the Elementary School & Clinical Experience (3).

Methods of teaching. Topics include an examination of the latest curricula in relation to the integration of science and mathematics as well as each area as a distinct discipline; how students learn; as well as best practices of effective and reflective teaching. Clinical experience will provide practical application of coursework.

T ED376. Teaching of Social Studies & Language Arts in the Elementary School (3).

Methods of teaching through an examination of the latest curricula in relation to the integration of Social Studies and Language Arts as well as each area as a distinct discipline; how students learn, and best practices of effective and

reflective teaching. Clinical experience provides practical application of coursework.

T ED379. Elementary Mathematical Methods: Planning, Sequencing, Teaching and Assessing Grades PK-6 (3).

Students will gain experience with how to: build and draw on relationships with children, caregivers, and communities in ways that support children's mathematics learning; plan mathematics lessons and sequences of lessons; use formative and summative mathematics assessments to gauge children's learning and to make instructional decisions; and enact instruction that allows all children to engage with significant mathematics as well as develop productive dispositions toward mathematics. (Prerequisites: MATH101 or placement test, T ED277, and T ED278; Co-requisite T ED379L) Fall.

T ED 379L: Clinical Experience (1): Clinical study of the structure of learning in schools. Special attention is paid to the nature of learning in specific areas of academic study, such as actual pupil-teacher experience. Thirty contact hours are required for each semester of academic credit. (Co-requisite: T ED 379)

T ED380. Capstone: Role of the Health Educator (3).

Capstone class for the health minor explores the health educator's roles within the school and community, including: providing resources, leadership and advocacy in support of young people's health. Partnerships with key community and state organizations are emphasized. Participation in a health education related conference is required. (Prerequisites: T ED281, T ED282 and T ED398). Spring.

T ED381. School Health Curriculum (3).

Introduction to health curriculum models as they apply to a Comprehensive School health Education Program. Students will examine criteria for evaluating effective curricula, scope and sequence. Students will analyze factors that influence choices of curricula, strategies and materials. Michigan Model for health Curriculum will be extensively utilized. (Prerequisites: T ED106, T ED281, T ED282 and T ED398). Spring.

T ED390. Integrated Science Seminar (1).

Required for all TED Integrated Science Group majors. A course exploring critical issues in Integrated Science through selected readings, discussion and presentations (oral and written). Students will apply readings to their areas of study and certification and develop instructional plans for

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use in the classroom. (Prerequisites: Senior standing or permission of instructor and TED341).

T ED392. Science and Social Studies Methods for Elementary Teachers (3).

Through co-teaching, students will experience how to plan, sequence, teach, and assess science lessons focused on reasoning and arguing from evidence; making thinking public and critiquing others; creating and interpreting complex text; and making sense of the world. Skill with applying concepts and modes of inquiry from the integration of the social studies to promote learners' abilities to make informed decisions as engaged citizens and enact change in society will also be honed. (Pre-requisite: T ED291, T ED292, T ED208, T ED209, and TED340; Co-requisite T 329L) Fall.

T ED392L. Clinical Experience (1).

Clinical study of the structure of learning in schools. Special attention is paid to the nature of learning in specific areas of academic study, such as actual pupil-teacher experience. Thirty contact hours are required for each semester of academic credit. (Co-requisite: T ED 392)

T ED398. Teaching Sexuality in Schools (3).

Sexuality is a content area in a Comprehensive Health Education Curriculum, one of the eight components of a Coordinated School health Program. Addresses how to implement a human sexuality curriculum at the middle and or high school level. Legalities, teaching strategies, sensitive issues, values and resources will be covered. (Prerequisite: ESAT100 or T ED106). Fall.

T ED399. Professional Internship (1-4).

A full-time, intensive clinical experience. May be a paid position. (Available to Level 2 teacher candidates. A 4-credit internship is required for the Early Childhood Education Planned Program Minor). Requires 30 clinical hours for each credit hour. (Prerequisites: Level 2 admission and permission of department chair).

T ED400. Associate Teaching (1-12).

Teaching in an appropriate grade or subject level of the elementary, middle or secondary schools for 10-12 semester hours (12 to 14 weeks). Individuals pursuing K-12 certification in art, music, physical education or a world language must enroll for 12 credit hours and will be placed in both elementary and secondary classrooms. (Prerequisite: Admission into the Level 3 Professional Semester; Co-requisite: T ED 407, T ED 444)

T ED401. Child Care Administration (3).

The role of the preschool program and its director and the legal and administrative controls which affect them. Students will participate in field-based experience in a nursery school and day-care center and will simulate the responsibility for organizing and administering a childcare program. (Prerequisite: T ED206). Offered as needed.

T ED402. Assessment in Health Education (3).

The competent school health teacher evaluates the effectiveness of a school-based health ed. program. Appropriate content, skills, & methodology to develop assessment strategies for health education will be covered. Numerous assessment tools will be used including rubrics, formative and summative evaluation techniques. (Prerequisites: T ED281, T ED282 and T ED398). Fall.

T ED404. Assessment of Children in Early Childhood (3).

This course includes early childhood assessment techniques, both formal and informal for children age 0 to 8. Focus on Structured observations, behavioral rating scales, psycho-educational screenings, and parent-child interactions.

T ED407. Assessment & Evaluation (2).

The evaluation of goals, objectives, and testing techniques; creation of teacher-made tests and interpretation of standardized tests; recording and reporting test results; the use of test results in planning. (Prerequisite: Level 3 Progression; Co-requisites: T ED 400, T ED 444) Fall, Spring.

T ED408. Applications of Instructional Technology (1).

The application of technology-based education in teaching and learning that can be utilized at the elementary, middle and secondary levels. Students will apply best practices in tech-based experiences that can maximize productivity, engagement and critical thinking in the classroom. Fall, Spring.

T ED409. Online Learning and Technology Applications (2).

The integration of instructional technology into elementary, middle, and secondary programs, including the appropriate use of technology tools available for specific classroom settings. Applications for online or remote learning will also be included to ensure best practices for this digital environment. Students will get lots of practical tips, ideas, and resources to make a plan for classroom and remote learning. (Prerequisite: TED109) Fall, Spring

T ED410. Social and Emotional Health and Learning (3).

This course addresses individual and population approaches to dealing with social and emotional health issues. Topics

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include mental illness, historical perspectives, the role of educators in social and emotional learning, determinants of mental health, stress and coping, understanding psychotic disorders, mood disorders, anxiety, personality disorders, ATOD dependence, and treatment. The relationship of learning to overall health will be discussed including relevant resources.

T ED412. Health and Physical Education Capstone (3). Course will review the health and physical educator's role within the Whole School, Whole Community, and Whole Child Model. Partnerships with key community leaders are emphasized. Participation at a state or national conference required.

T ED414. Practicum in Early Childhood (3). This course will provide students with practical experience in the field. Students will engage in planning, implementing and evaluating instructional materials while immersed in a classroom setting; working with a cooperating teacher for 90 hours. (Prerequisites: T ED320 and T ED364).

T ED415. MTTC Prep (1). This course is designed to facilitate the strengthening of study skills and strategies to increase students' performance and success on the Michigan Test of Teacher Certification (MTTC). Students will learn how to process information more efficiently, manage time effectively, reduce stress and procrastination, and read critically. Fall, Spring.

T ED443. Educator Portfolio Preparation (1). Students will research, develop and refine a teaching portfolio. The students will participate in class discussions for a deeper exploration into topics and issues related to artifact selection, rationale writing and aesthetics for a professional portfolio. Fall, Spring.

T ED444. Associate Teaching Seminar (2). The course is devoted to discussion and appraisal of the candidate's teaching experiences and development of a portfolio demonstrating achievement of Interstate Teacher Assessment and Support Consortium (InTASC) Standards. The course includes discussion of topics and issues including execution of effective lessons, classroom discipline, and ways of providing and accepting effective feedback. Also considered are teacher associations, job interviewing, and resume building. (Prerequisite: Level 3 Progression; Co-requisites: T ED 400, T ED 407) Fall, Spring.

T ED451. Independent Study (1-4).

(Prerequisite: permission of department chair).

T ED490-T ED498. Workshop, Seminar or Colloquium in Education (1-6).

The laboratory approach is emphasized in the study of administrative, classroom and supervisory problems.

T ED499. Advanced Experimental Course (1-4).

Courses in Theatre (THRE)

THRE100. Theatre Workshop I (1).

This seminar course explores the relationship of theatre to the world around us. It includes visiting guest artists, workshops, techniques, and special topics of current theatre. Significant practical work on departmental productions in acting, directing, management, design, and or construction will be expected. (Prerequisite: permission of instructor). Fall, Spring.

THRE101. Theatre Workshop II (1).

Continuation of Theatre Workshop I. This seminar course explores the relationship of theatre to the world around us. It included visiting guest artists, workshops, techniques, and special topics of current theater. Significant practical work in departmental productions in acting, directing, management, design, and/or construction will be expected. (Prerequisite: THRE100). Fall, Spring.

THRE106. Introduction to Theatre (3) (ARTS).

An examination of the theatre and its place as an art form in our society, including the personnel and basic literary, aesthetic and production techniques involved in dramatic production. Fall, Spring.

THRE108. Acting I: Introduction to Acting (3) (ARTS).

Fundamental principles of acting with emphasis on training and practice in the acting craft, includes exercises in improvisation and characterization. Fall, Spring.

THRE207. Stagecraft (3).

Technical aspects of play production, including basic shop techniques and tools, parts and functions of the stage, scenery construction and painting and an introduction to stage lighting, and costuming. Lecture and laboratory. Open to freshmen. Fall.

THRE250. Topics in Dramatic Literature (3) (ARTS).

A focused study of dramatic literature such as an historical period, a country or a particular genre. May be repeated with a different topic. Offered as needed.

THRE260. Play Analysis (3) (ARTS).

This course will study the different methods of analyzing dramatic literature intended for performance. With focus on structure, genre, theme, style, character, and language, students will use dramatic literature that has dominated the theatre canon for the past two thousand years. (Prerequisite: CCC101). Open to freshman. Fall of odd years.

THRE300. Theatre Workshop III (1).

Explores the relationship of theatre to the world around us on a more advanced level. It includes visiting guest artists, workshops, techniques, special topics of current theatre, and other related topics. Significant practical work in acting, directing, management, design, and construction will be expected. (Prerequisite: THRE101). Fall, Spring.

THRE301. Theatre Workshop IV (1).

Explores the relationship of theatre to the world around us on a more advanced level. It includes visiting guest artists, workshops, techniques, and special topics of current theatre. Significant practical work on departmental productions in acting, directing, management, design, and or construction will be expected. May be repeated. (Prerequisite: THRE300). Fall, Spring.

THRE303. Acting II: Character Portrayal (3).

Theory and practice in the art of creating a believable character for the stage, with emphasis on representational theatre techniques. (Prerequisite: THRE108). Fall.

THRE304. Play Directing (3).

Basic laboratory training in the techniques of conducting rehearsals and directing the work of actors and other play production personnel. (Prerequisite: THRE108 or THRE207). Spring of odd years.

THRE305. Stage Management (3).

Insight into the responsibilities and techniques of a stage manager in pre-producing, rehearsal and performance. This course will concentrate on the collaborative process of putting on a live performance. Industry standard terminology will be taught. This lecture/lab class will require students to participate in classroom discussions, activities, and group projects (Prerequisite: THRE108 or THRE207). Spring of even years.

THRE310. Playwriting Workshop (3).

This course deals with the step-by-step process of writing scripts for the theatre with the final project being a revised script of a one-act play. (Prerequisite: CCC101). Fall.

THRE312. Production Design: Scenery & Lighting (3).

Explores the basic principles of scenery and lighting design in creating a proper theatre environment. Practical application of technique through script analysis, period and atmosphere research, design theory, design presentation styles, and execution of projects. (Prerequisite: THRE207). Spring of odd years.

THRE313. Production Design: Costume & Makeup (3).

Examines the basic principles of costume and makeup design in creating a character apropos to the theatre production. Instruction and practical application of fashion history, principles and theories of costume and makeup design, character and play analysis, design presentation styles, and execution of projects. (Prerequisite: THRE207). Spring of even years.

THRE314. History of Musical Theatre (3) (ARTS).

The development of a distinctive American art form, from the European variety that were its progenitors to the contemporary musical range. Various types and styles of musical theatre and their influences. (Prerequisite: successful completion of a Writing Intensive course). Spring of odd years.

THRE315. Theatre History I (3) (ARTS).

Development of Western drama and the theatre from their origins until approximately the Restoration. A less detailed exploration of some of the major developments in the history of Eastern drama and theatre. Factors that influenced the development of the art, and their social, political, economic and religious contexts. (Prerequisite: successful completion of any Writing Intensive course). Spring of even years.

THRE316. Theatre History II (3) (ARTS).

Development of Western drama and the theatre from approximately the Restoration to the present. Factors that influenced the development of the art, and their social, political, economic and religious contexts. (Prerequisite: Must have successfully passed any Writing Intensive course). Fall of even years.

THRE394. Advanced Play Direction (3).

Advanced study in play direction, including analysis, research, rehearsal and performance techniques. (Prerequisites: THRE304 and permission of instructor). Offered as needed.

THRE398. Acting III: Advanced Acting (3).

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Advanced theory and practice in acting styles, representational and presentational theatre techniques, and individualized and small group practice. (Prerequisite: THRE303). Spring of even years.

THRE415. Topics Seminar (3).

An examination of a particular topic of interest to faculty members and students in theatre. (Prerequisite: dependent upon topic). With departmental approval, may be repeated with different topic. Offered as needed.

THRE419. Capstone: Research (2).

The student conducts extensive research and design of an appropriate topic of their choosing. The results of this course will be carried over into a culminating presentation for the undergraduate academic career. (Prerequisite: permission of department chair). Fall.

THRE421. Capstone: Presentation (1).

The student executes the appropriate project for a culminating experience to the undergraduate academic career. The project is presented in a departmental forum at the end of the term in which the student earns credit for the course. (Prerequisites: THRE419 and permission of department chair). Spring.

Special and Advanced Courses

THRE199. Exploratory Internship (1-3).

THRE299. Experimental Course (1-3).

THRE399. Professional Internship (1-12).

(May Term limited to 4 credit hours; Summer Term limited to 6 credit hours).

THRE451. Independent Study (1-3).

Supervised reading and research in a special interest area of theatre. (Prerequisite: department permission and instructor's approval of a written proposal that is submitted to the department prior to registration for the course). Fall, Spring, May and Summer.

THRE499. Advanced Experimental Course (1-3).

Courses in Women and Gender Studies (WGS)

WGS129. Introduction to Women's & Gender Studies (3).

An introduction to basic women's studies concepts and theories, drawing on methodologies and content of multiple disciplines. Explores the social and psychological processes by which individuals establish gender identity, the institutions that shape identity and the articulation of gender across racial and socio-economic categories. Fall.

WGS199. Exploratory Internship (1-3).

WGS299. Experimental Course (1-3).

WGS329. Feminist Theory (3).

Feminist theory from several disciplinary perspectives on a variety of topics. Emphasis on debates within feminism. (Prerequisite: WGS129 or PHIL129). Spring.

WGS399. Professional Internship (1-12).

WGS451. Independent Study (1-3).

Individual work under faculty supervision involving reading, writing and discussion. (Prerequisite: WGS129).

WGS499. Advanced Experimental Course (1-3).

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Andrea R. Milner

Vice President and Dean of Academic Affairs

Jerry Wright

Vice President of Business Affairs

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Jennifer Towns (2018)

Assistant Professor of Social Work
B.A., Alma College; M.S.W., University of Michigan;
Ph.D., Walden University

Daniel A. Traylor (2021)

Assistant Professor of Exercise Science
B.S., Appalachian State University; M.S., M.S., Armstrong
State University; Ph.D., Clemson University

Nancy E. VanOver (1991)

Professor of Interior Design
B.A., Central Michigan; M.A., Michigan State University

Scott Westfall (2017)

Assistant Professor of Accountancy/Business/Economics
B.A., M.Ed., Colorado State University; M.A., University
of Michigan; Ph.D., Michigan State University

Kristie Wrasman (2022)

Assistant Professor of Biology
B.S., The Ohio State University; Ph.D., Johns Hopkins
University

Vincent Yu (2022)

Assistant Professor of Accountancy/Business/Economics
B.A., National Taiwan Normal University; M.Des., Art
Institute of Chicago

Matthew Zeckner (2011)

Associate Professor of Mathematics
B.A., University of Cincinnati; M.A., Ph.D., University of
Kentucky

Emeritus Professors

George Aichele (1978-2008)

Professor of Philosophy and Religion

Michael Allen (1986-2017)

Professor of Theatre

Bill Bachman (1981-2017)

Professor of Accountancy and Business Administration

Pauleve Benio (1978-2014)

Professor of Art & Design

Wilnella M. Bush (1973-2004)

Assistant Professor of Music

Donald Celleni

Professor of Modern Languages & Cultures

Henry W. Cetola (1979-2003)

Professor of Psychology

Luella B. Chatters (1986-1996)

Associate Professor of Teacher Education

Doris S. deLespinasse (1979-1996)

Professor of Accountancy and Business Administration

Roger J. Fechner (1970-2002)

Professor of History

Forest Haines (1971-2011)

Professor of Geology

Gordon Hammerle (1976-2012)

Professor of Psychology

Judith Hammerle (1977-2008)

Professor of Psychology

C. Ray Hembree (1984-1996)

Professor of Mathematics

Diane A. Henningfeld (1987-2006)

Professor of English

Donald A. Kleinsmith (1970-2015)

Professor of English

Norman H. Knutson (1970-1998)

Professor of Art

Richard E. Koch (1979-2009)

Professor of English

Paul A. MacDonald (1966-1996)

Professor of Exercise Science/Physical Education

Michael C. McGrath (1983-2003)

Professor of History

Albert Misseldine (1964-1997)

Professor of English

Thomas D. Nelson (1974-2008)

Professor of Psychology

Robert A. Ploegstra (1965-1995)

Professor of English

Patrick Quinlan (1982-2020)

Professor of Business

Kenneth W. Ross (1968-1997)

Professor of Political Science

Betty L. Skillman (1970-2000)

Professor of Teacher Education

Marianna K. Staples (1968-2001)

Professor of Foreign Languages

Jerry L. Stewardson (1969-2003)

Professor of Philosophy/Religion

Eugene L. VandenBoss (1968-2004)

Professor of Mathematics and Computer Science

Nancy A. Walsh (1964-1998)

Professor of Exercise Science/Physical Education

James O. Watson (1968-1996)

Professor of Mathematics

Faculty, Staff, and Administration

College Officers 2023-2024

Craig A. Weatherby (1978-2015)

Professor of Biology

Ching-Kuei Wu (1965-1985)

Professor of Biology

Levon L. Yoder (1965-2009)

Professor of Physics

Administration

Office of the President

Jeffrey R. Docking (2005)

President

Cindy A. Beaubien (1995)

Assistant to the President for Events and Special Projects

Andrea R. Saylor (2005)

Chief of Staff, Office of the President; Assistant Secretary to the Board of Trustees

Office of Alumni Affairs

Jennifer Carlson (2018)

Director of Alumni Relations

Office of Chaplain and Church Relations

TBD

Division of Academic Affairs

Andrea R. Milner (2009)

Vice President and Dean of Academic Affairs

Antonis Coumoundouros (2008)

Dean of Graduate Studies and Continuing Education
Professor of Philosophy, Religion, and Leadership

Katie Rasmussen (2016)

Dean of Undergraduate Studies and Institutional Effectiveness

Assistant Professor of Core

Christine S. Adams (2008)

IT Business Analyst & Blackboard Specialist

Margaret Amory (2023)

Director of the Institute for Health Studies

David A. Cruse (1999)

Librarian, Electronic Resources
Head Librarian

Janna D'Amico (2005)

Director of The Institute for Career Planning

Selena Doan (2021)

Director of the Baby Bulldog Center

Melissa Freshcorn (2009)

Executive Administrative Assistant

Richard D. Geyer (1991)

Librarian, Reference Services

Danielle E. Gilbert (2021)

Teacher Education Placement Coordinator & Certification Officer

Liz Graham

Academic Services Administrative Assistant

TBD

Academic Support Specialist & Tutor Coordinator

Allison Hoag (2022)

Accessibility Services Specialist

Amanda McGovern (2019)

Director of Academic Services

Lisa Mattin (2022)

Assistant Registrar

Amy Mergen (2021)

Registrar

Kim Otto (2022)

Academic Affairs Support Coordinator

Kristina Schweikert (2007)

Director of Institutional Research and Assessment

Heather Schuster (2022)

Assistant Registrar

Jennifer Six (2019)

Assistant Director of Career Planning

Jarrold Stober (2020)

Assistant Director of Academic Services

Faculty, Staff, and Administration

College Officers 2023-2024

Sheri Wilt (2007)

Administrative Assistant

Division of Business Affairs

Jerry Wright (2009)

Vice President for Business Affairs and CFO

Matthew G. Armentrout (1998)

Facilities Coordinator

Kimberly Brown (2015)

Assistant Director of Conferences

Andrew Claiborne (2008)

Support Specialist, Information Technology Services

Christina Corson (2019)

Assistant Vice President of Human Resources & Business Operations

Amber Curtis (2017)

Human Resources Generalist

Jessica Emrick (2017)

Bookstore Manager

Kristi Griffith (2007)

Assistant Manager of Student Business Services

Alaina Hiatt (2022)

Staff Accountant

Tyler Leonard (2021)

IT Technology Support Coordinator

DeAnne Lewin (2008)

Director of Conferences

Phil Mishka (2021)

Assistant Vice President of Business Affairs

Chris A. Momany (2016)

Event Tech Specialist

Jolene Nofzinger (2018)

Benefits Specialist

Darin Seiler (2019)

Director of Information Technology Services

Chris Stiver (1996)

Director of Plant Operations

Barbara Stundon (2018)

Manager of Student Business Services

Raymond Lee Thomas (2010)

Network Administrator

Daniel Thompson (2015)

Blackbaud Database Assistant

Bethany Van Etten (2021)

IT Data Intelligence & Reporting Analyst

Donna Ward (2014)

Director of Purchasing

Shelly White (2019)

Controller

Cindy J. Wingfield (2010)

AP Coordinator

Division of Development

James A. Mahony (2006)

Vice President of Development

Shelbea Frank (2023)

Director of Annual Giving

Division of Enrollment

Frank J. Hribar (2010)

Vice President for Enrollment and Student Affairs

Meghan Abbee (2022)

Director of Media Production Services

Mickey Alvarado (2018)

Multi-Media Specialist

Kyle Armstrong (2021)

Assistant Director of Financial Aid

Katie Buckley (2022)

Admissions Counselor

Carrie Cousino

Administrative Assistant

Jacob Docking (2022)

Dean of Retention and Enrollment Services

Andrew Hribar (2022)

Admissions Counselor

Allison Hulshof (2013)

Administrative Assistant and Admissions Visit Coordinator

Kevin Johnson (2019)

Director of Financial Aid

Kim Kelly (1994)

Admissions Application Coordinator

Lori Kosarue (2020)

Assistant Vice President of Enrollment

Bonnie Lynch (2015)

Director of Admissions

Michele Mathis

Administrative Assistant

Kolby Miller (2021)

Financial Aid Officer

Samantha Mohn (2022)

Admissions Counselor

Sheldon Mudd (2022)

Senior Graphic Designer

Brandon Schulze (2022)

Admissions Counselor

Claire Simpson (2021)

Director of Marketing

Olivia Sotelo (2022)

Admissions Counselor

Michaela Sumner (2022)

Admissions Counselor

Emily Watkins (2021)

Admissions Counselor

Division of Recruitment & Enrollment

Phillip Clark (2018)

Director of Choir & Orchestra

Ryan Cupp (2021)

Director of Bands

Athletics

Craig Rainey (1990)

Director of Athletics, Head Coach Baseball

Ali G. Alamdari (2008)

Head Coach Women's Soccer

Brittany Archambeau (2022)

Athletics

Gary Astalos (2016)

Assistant Athletic Director, Head Coach ACHA Division I Men's Ice Hockey

Harrison Bailey (2011)

Assistant Coach Football

Ellen Barker (2016)

Head Coach Acrobatics and Tumbling

Alex Bellfy (2022)

Assistant Coach Football

Maxwell Benedict (2022)

Head Coach Cornhole

Kali Bills (2021)

Head Coach Women's Lacrosse

Kassidy Block (2021)

Assistant Coach Women's Wrestling

Seth Borton (2014)

Head Coach Bass Fishing

Michael Bowen (2022)

Head Coach Women's Rugby

Brian Carney (2022)

Assistant Coach ACHA DI Women's Hockey

Caleb Christie (2020)

Assistant Athletic Trainer

Katie Crawford (2021)

Assistant Coach Women's Basketball

Cliff Cushard (2017)

Head Coach Women's Wrestling

James I. Deere (2007)

Faculty, Staff, and Administration

College Officers 2023-2024

Head Coach Football

Trenton Demeuse (2021)

Assistant Coach Football

Stacey Discher (2022)

Administrative Assistant MSFC

Toby M. Ernst (2007)

Equipment Manager & Kicking Coach

Jamison M. Fetter (2004)

Head Athletic Trainer

Brandon Forsyth (2022)

Assistant Coach Synchronized Skating

Kaylee Fox (2022)

Head Coach Softball

Vinnie Granato (2021)

Head Coach E-Sports

Brent Greenwood (2017)

Head Coach Men's Golf & Women's Golf

Darrin Griewahn (2019)

Head Coach Men's Bowling and Women's Bowling

Dana Hall (2022)

Director of Figure Skating

Jacob Hankish (2021)

Assistant Coach Football

Barb Hanson (2018)

Administrative Assistant and Arrington Arena Office Manager

Michael Hatfield (2020)

Head Coach Men's Soccer

Tim Kaiser (2021)

Head Coach Men's Basketball

Miranda Kiser (2019)

Head Coach Club Softball

Aaron Klotz (2021)

Assistant Coach Baseball – Hitting and Middle Fielders

Alex Knollman (2021)

Assistant Coach Football

Joshua Knorr (2021)

Head Coach Club Baseball

Hunter Kohls (2022)

Coach Football

Adam Krug (2014)

Head Coach Men's Hockey

David Kwan (2012)

Head Coach Women's Volleyball

Maddy Maloney (2022)

Head Coach Division II Women's Ice Hockey

Benny Mateialona (2021)

Head Coach Men's Rugby

Martin Mathis (2022)

Assistant Coach Football

Morgan McCool (2021)

Assistant Athletic Trainer

Kathleen S. Morris (1992)

Head Coach Women's Basketball

James Nicknair (2013)

Assistant Athletic Trainer

Noah Nieman (2021)

Assistant Coach Men's Wrestling

Nate Oekerman (2021)

Assistant Coach Men's Lacrosse

Alexia Page-Boyd (2022)

Assistant Coach Track and Field

Jessica Patterson (2019)

Head Coach Cheerleading and Dance

Adam Phillips (2021)

Assistant Coach Men's Hockey

Michael Prang

Assistant Sports Information Director

Samuel Pratt (2021)

Head Coach Crew

Faculty, Staff, and Administration

College Officers 2023-2024

Craig Prince (2021)

Assistant Coach Baseball

Doug Raymond (2021)

Head Coach ACHA Division III Men's Ice Hockey

Chasity Reynolds (2020)

Administrative Assistant- Merrilatt Sports and Fitness Center

Destiny Rogers (2021)

Athletic Trainer

Parker Saenz (2021)

Assistant Men's & Women's Volleyball

Ronald Shiels (2022)

Assistant Coach Football

William Schindel Jr. (2016)

Assistant Athletic Director, Head Coach Men's Wrestling

Meg Sharp (2009)

Assistant Athletic Director

Kate-Lynn Sidenstacker (2022)

Assistant Coach Acrobatics and Tumbling

Ashley Skelly (2015)

Head Coach Softball

Shawn Skelly (2018)

Head Coach NCAA Women's Hockey

Peter Smith (2021)

Assistant Coach Men's Basketball

Victoria Smith (2022)

Assistant Coach Synchronized Skating

Joel Snyder (2021)

Assistant Sports Information Director

Jose Soto (2020)

Assistant Coach Women's Volleyball

Amber Staniulis (2021)

Assistant Coach Softball

Jeremy Symington (2012)

Ice Arena Manager

Matthew Sutton (2021)

Assistant Coach Men's and Women's Track and Cross Country

Caleb Taylor (2021)

Assistant Coach Bass Fishing

Brian Thill (2016)

Head Coach Men's and Women's Track and Cross Country

Justin Tobin (2022)

Assistant Coach Women's Soccer

Michael Twiss (2021)

Assistant Coach Men's Soccer

Brennon Wachter (2022)

Head Coach Men's Ice Hockey ACHA D2

Brett Wetzel (2018)

Head Coach Men's Lacrosse

Sarah Wright (2022)

Athletic Trainer

Division of Student Life

Thomas Doney (2018)

Dean of Student Affairs

Wade Beitelschies (2012)

Director of Campus Safety

Bart Bradley (2013)

Safety Captain

Laura Francoeur (2022)

Greek Life Coordinator & Student Activities Specialist

Kaitlyn Goodson (2020)

Director of Housing

Andy Lopez (2013)

Safety Captain

Anna Montgomery (2022)

Director of Student Life

Ethan Powell (2022)

Residence Life Coordinator

Division of Health Services

Kellie Berger (2011)

Faculty, Staff, and Administration

College Officers 2023-2024

Director of Counseling Services

Faith Neubig (2022)

Medical Assistant

Kelly Truchan (2021)

Director of Health Services

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