MARIAN UNIVERSITY

Undergraduate Course Catalog • 2017-2018 Contents

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VISION STATEMENT
To provide an education distinguished in its ability to prepare transformative leaders for service to the world.

MISSION STATEMENT
Marian University is a Catholic university dedicated to excellent teaching and learning in the Franciscan and liberal arts traditions.

OUR FRANCISCAN VALUES
Our campus welcomes students of all faiths who seek an educational experience that emphasizes a Franciscan understanding of the values of dignity of the individual, peace and justice, reconciliation, and responsible stewardship.

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Marian University does not discriminate on the basis of age, race, color, sex, gender, sexual orientation, religion or creed, national or ethnic origin, or disability in its programs, activities, hiring, or the admission of students.

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UNIVERSITY CALENDAR 2017-2018

FIRST SEMESTER • FALL 2017

Medical term begins.....Jul. 1
Registration .....Aug. 17
Residence halls open for upperclassmen .....Aug. 20
Classes begin at 8 a.m. .....Aug. 21
Last day to add a course or change from/to audit .....Aug. 25
Labor Day: university closed .....Sept. 4
Close pass/fail option .....Sept. 22
Spring and Summer 2016 incompletes due .....Sept. 29
Mid-term date .....Oct. 13
Mid-term recess: no classes .....Oct. 16-17
Last day to withdraw from a class .....Oct. 27
Registration for spring semester Oct.30-Nov. 10
Holy day: Feast of All Saints .....Nov. 1
Thanksgiving recess: no Wednesday classes .....Nov. 22
Thanksgiving recess: university closed .....Nov. 23-24
Senior comprehensive exam results due (Dec. 2016 grads) .....Nov. 27
May 2017 graduation candidates: last day to file application .....Dec. 1
Marian University patronal feast: Immaculate Conception .....Dec. 8
Reading day: no classes .....Dec. 8
Final examinations .....Dec. 11-15
Fall graduation date (no ceremony) .....Dec. 31
Medical term ends .....Dec. 31

SECOND SEMESTER • SPRING 2018

Medical term begins.....Jan. 1
Registration .....Jan. 4
Residence halls open .....Jan. 7
Classes begin at 8 a.m. .....Jan. 8
Last day to add a course or change from/to audit .....Jan. 12
Martin Luther King, Jr. Day: university closed .....Jan. 15
Close pass/fail option .....Feb. 9
Fall 2016 incompletes due .....Feb. 16
Mid-term date .....Mar. 2
Mid-term recess .....Mar. 5-9
Registration for fall semester .....Mar 19-27
Last day to withdraw from a class .....Mar. 23
Holy Thursday: no evening classes (4:00 p.m. and later) .....Mar. 29
Good Friday: university closed .....Mar. 30
Senior comprehensive exam results due .....Apr. 16
Academic honors day: no classes .....Apr. 27
Final examinations .....Apr. 30-May 4
Graduation day .....May 6
Medical school graduation .....May 6
Medical term ends .....Jun. 30

THIRD SEMESTER • SUMMER 2017

Summer semester begin .....May 7
Memorial Day observed: university closed .....May 28
Independence Day observed: university closed.....July 4
Summer semester ends .....Aug. 18
Summer graduation date (no ceremony) .....Aug. 19

The University

Vision Statement
Provide an education that profoundly transforms lives, society, and the world.

Mission Statement
To be a great Catholic university dedicated to providing students with excellent teaching and learning in the Franciscan and liberal arts tradition.

Values
Our campus welcomes students of all faiths who seek an educational experience that emphasizes a Franciscan understanding of four values: dignity of the individual, peace and justice, reconciliation, and responsible stewardship. These values guide faculty, staff, and students.

Description and Goals of Marian University
Marian University is a Catholic, coeducational, comprehensive liberal arts university established by the Sisters of Saint Francis, Oldenburg which provides higher education for a student body of traditional age and adult students, resident and non-resident, with diverse abilities and varied religious, cultural, ethnic, and socio-economic backgrounds. The university integrates a values-centered, liberal arts-based approach into its curriculum. Degrees are conferred in arts, science, business administration, and nursing at the associate and bachelor level. In addition, Marian University confers master's degrees in specific disciplines and doctoral degrees in nursing practice and osteopathic medicine. Marian University provides a mentoring environment that emphasizes individual attention and fosters multi-faceted personal development. Marian University is engaged in dialogue and conversation within the Catholic Church, with the broader Christian community, with other religious people, and with all people of good will.

Marian University also commits itself with integrity and creativity to the ongoing process of renewal as it pursues its institutional goals:

- to provide quality academic programs, support services, and enrichment activities to ensure intellectual, emotional, social, physical, and spiritual development and responsible career preparation, within an environment that promotes respect for knowledge and the intellectual life, and a habit of critical thinking in pursuit of what is true, good, holy, and beautiful;
- to promote the continuing search for a mutually enriching synthesis of faith and reason; and to be engaged in a fruitful dialogue between the gospel and culture in order to discern and evaluate both the progress and decline of society;
- to support academic freedom with responsibility in order to foster a dynamic community of learners;
- to provide for effective development of faculty and staff, by encouraging academic and professional excellence and by acknowledging creative achievements;
- to provide students and personnel financial and physical resources sufficient to achieve, based on a strategic planning process, the institution's goals; to create a caring and challenging learning environment in which students, faculty, and staff prepare to be responsible agents of a more humane society, with special concerns for those who are socially, politically, and economically marginalized.

Strategic Direction
Marian University has fashioned a bold, clear vision to profoundly transform the lives of our students through an excellent education that addresses every dimension of their collegiate experience. The university intends to educate every dimension of the human person—mind, body, and spirit. To realize this vision, Marian University's Board of Trustees approved a strategic plan with four goals that will:

- elevate the university's academic stature to a superior level;
- create a more vibrant campus life and learning environment;
- enrich the Catholic and Franciscan dimension of the university; and
- strengthen the university's financial resources.

These goals will be achieved primarily through seven initiatives that build on the traditional strengths of the university and address the needs of our modern society. They are:

- Great teaching and learning
- Mathematics and science education
- "Rebuild My Church" – a faith-based initiative
- Nursing
- Performing and visual arts
- Athletics
- Technology and facility improvement

Accreditation

Marian University is accredited by the Higher Learning Commission; the National Council for Accreditation of Teacher Education (Council for the Accreditation of Education Preparation), and the Commission on Collegiate Nursing Education. Specific academic programs are approved by the Indiana Professional Standards Board, the Indiana State Board of Nurses' Registration and Nursing Education, and the International Assembly for Collegiate Business Education.

History

Marian University, dedicated to Mary the Blessed Mother of God, evolved out of the teaching mission of the Sisters of Saint Francis, Oldenburg in Oldenburg, Indiana. Founded in 1851 by Father Francis Joseph Rudolf and Mother Theresa Hackelmeier, a Franciscan sister from Vienna, Austria, the congregation sought to meet the educational needs of the German-Catholic residents of southern Indiana. Soon, the new congregation started teacher-training classes to prepare its members for teaching in its schools.

This teacher-training program, eventually called St. Francis Normal, was established long before Indiana adopted its first tax-supported normal school for the preparation of teachers. St. Francis Normal was accredited by the Indiana State Board of Education in 1910. In 1936, the normal school merged with Immaculate Conception Junior College, founded in 1924, to become Marian College, a four-year institution open to both Sisters and lay women. The following year, under the direction of its founder Mother M. Clarissa Dillhoff, the college moved to Indianapolis after securing a state charter and purchasing the James A. Allison estate.

When the college for Catholic women opened in the fall of 1937, a staff of 16 welcomed 24 full-time women students and a larger number of part-time students; with the addition of evening and Saturday classes, enrollment quickly increased to 100. In June of 1938, the first commencement was held; four bachelor of arts degrees were conferred. For the initial 10-year period, the entire college—classrooms, library, dormitory space, cafeteria, science laboratory, and faculty residences—was housed in existing buildings of the Allison Estate. In 1948, the college embarked on an expansion program, which added Clare Hall and the gymnasium, now known as the intramural gymnasium. Marian Hall, the present administration building, was completed in 1954. In that year, Marian College became the first Catholic coeducational college in Indiana. Monsignor Francis J. Reine was then named president, succeeding Sister Mary Kevin Kavanagh. Two years later the college was accredited by the North Central Association.

The gradual increase in student numbers demanded a larger campus. In 1963, the Frank Wheeler estate, then owned by William Stokely, was purchased. The mansion became the William Stokely Jr. Music Hall. The former estate of Carl Fisher separated the north and south campuses. Until 1967 it served as a private preparatory school for boys. The property was purchased in 1967, giving the college 114 adjoining acres. Over time, residence halls and classroom buildings were added to the campus, and features such as the statue of Saint Francis (1941), Franciscan Heritage Fountain and DeHaan Family Forum (1998), and the Allen Whitehill Clowes Amphitheater (1999) were added. Renovations to existing buildings have been ongoing and include the auditorium in Marian Hall (2004), Physical Education Center (2007), the St. Francis Hall garage, which became the Marian College Cycling Center (2007), new residence halls, University Hall (2008) & Drew Hall (2012), the new Campus Operations Building (2008), the new Marian University multi-purpose field (2008-2009), the Michael A. Evans Center for Health Sciences (2013) and the new student center, Alumni Hall (2014).

Until 1968 Marian College was administered by the Sisters of Saint Francis, Oldenburg with the assistance of Monsignor Reine who served as president from 1954 to 1968. He was succeeded by Marian College's first lay president, Dr. Dominic J. Guzzetta, and the Board of Trustees was reorganized with a predominance of lay members. Dr. Louis C. Gatto, the college's fifth president, retired at the end of the 1988-89 academic year after leading the college for 18 years. Dr. Daniel A. Felicetti served as the sixth president of Marian College from 1989-99, and Dr. Robert M. Abene, the seventh president of Marian College, served from 1999-2001. Daniel J. Elsener became the eighth president in 2001.

The National Council for Accreditation of Teacher Education formally accredited all teacher education programs of the college in 1976. The Indiana State Board of Nursing approved the bachelor-level nursing curriculum in 1987. The Commission on Collegiate Nursing Education renewed the accreditation in 2009.

On July 1, 2009, Marian College became Marian University, and continues to seek means to make significant educational contributions to Indianapolis. This commitment to the community is actively demonstrated through such initiatives as Consortium for Urban Education; advanced placement testing and Advanced Study Program for outstanding high school students; degree-completion programs for the career military; Marian's Adult Programs; career ladder programs in nursing; the Master of Arts in Teaching program; intensive summer science workshops and camps for middle and high school teachers and students; Family Mathematics and Family Science nights; and a partnership with the Nina Mason Pulliam EcoLab.

The Marian University College of Osteopathic Medicine (MU-COM) welcomed its first class of 162 medical students in August 2013. MU-COM combines the strengths of the osteopathic philosophy and Marian University's rich Catholic history, making it one of only five Catholic medical schools, and the only Catholic osteopathic medical school in Indiana.

Mentoring

The Marian University environment encourages mentoring relationships. As with many colleges and universities, natural mentoring relationships develop between students and faculty or staff such as those of academic advisor and advisee, club advisor and club officer, residence hall directors and on-campus students, coaches and team members, etc. Opportunities for Marian University students to volunteer as mentors include both on and off campus programs. For example, students may volunteer to welcome and orient new students in the first weeks of the academic year, to relate to new students residing on campus throughout the year, or to provide extra support to off-campus students, especially those who are "non-traditional" students, age 24 years or older. Off-campus opportunities include outreach to younger students in elementary, junior high, or high schools.

Campus Ministry

Campus ministry is an essential part of the mission of the total church. It witnesses to the Gospel by teaching and preaching the word of God, and by gathering together the community for worship and service. It promotes theological study and reflection on the religious nature of humankind. This ministry sustains the faith community on campus with pastoral care and liturgical worship and other prayer opportunities, and calls the university community to serve the needs of its members and the needs of the wider community.

The director of campus ministry, the campus minister of service and social justice, the campus minister of music and liturgy, the chaplain, and a representative faculty-student ministry committee coordinate the campus ministry services. All students, regardless of religious affiliation, are invited to participate in campus ministry activities.

The Bishop Chartrand Memorial Chapel is the center for liturgical services on campus. Mass is offered daily Sunday through Friday. At the opening of each school year, and on the regularly established holy days, special all-community liturgical celebrations are scheduled.

Family Educational Rights and Privacy Act of 1974
Marian University operates in compliance with the Family Educational Rights and Privacy Act of 1974 (FERPA), as amended. Students have the right to inspect all official records pertaining to them and to challenge inaccurate or misleading information. Exceptions are parents' financial records and confidential letters and statements placed in the record before January 1, 1975, or placed under conditions where students have signed a waiver of right of access.

All student academic information is considered confidential except for the following "directory" information available to the public: student's name, campus and off-campus address, e-mail address, telephone and voice mail number, date of birth, photograph, major field of study, participation in university activities and sports, physical and performance statistics of members of athletic teams, dates of attendance, full- or part-time status, degrees, awards, honors, dean's list, and the most recent previous institution attended by the student.

Students may waive the right of nondisclosure, allowing access to their records by anyone designated on the waiver form. The waiver form is effective through the student's graduation or until the student designates otherwise.

The student may request that directory information not be released. This must be made in writing to the Office of the Registrar within 15 days of the beginning of each term. Failure to notify the Office of the Registrar may mean university publications, such as team rosters, promotional brochures, or the student directory, may include some directory information.

Campus
The Marian University campus, located six miles from the center of Indianapolis, extends over 165 wooded acres, and includes the estates of three of the four developers of the Indianapolis Motor Speedway: James A. Allison, Carl G. Fisher, and Frank H. Wheeler. The university is within easy access of state and interstate highway systems which pass through Indianapolis.

A 95-acre wetland and forest area that was part of the original Jens Jensen landscape plan for the Allison estate has been established as an outdoor environmental science laboratory, known as the Marian University EcoLab, which is used by central Indiana educational groups as an educational resource and learning center.

Major campus buildings include:

- **Allison Mansion** – The former home of James Allison was known as the "House of Wonders" when it was completed in 1914. The Sisters of Saint Francis purchased it in 1936 and relocated Marian College from Oldenburg to the property in 1937. It was originally the main building on campus and housed the library, administrative offices, classrooms, and sleeping quarters for the Sisters. Biology and chemistry offices and student dormitory were located in the former greenhouses. Listed in the National Register of Historic Places, today the offices of the university's president are located here.

- **Alumni Hall** – This building opened in fall 2014 to serve as the new student center for the campus. The university bookstore and a food court with a Starbucks, Papa Johns, and a grill, serves the students, faculty and staff. There are outdoor and indoor seating options and gathering spaces, including nooks designed for small group collaboration. The building was designed to also serve as a banquet hall with seating for up to 300 guests.

- **Clare Hall** – Clare Hall was named for Mother Clarissa Dillhoff, the first president of Marian College. Clare Hall was completed in 1949 and used as the primary residence hall. The lower level of Clare Hall houses the Writing Center; and language lab. The first floor of this building houses the campus cafeteria, the Counseling and Consultation Services Office, the Center for Academic Success and Engagement, Student Health Services, two classrooms, and a student lounge. Upper floors serve as a residence for students.

- **Doyle Hall** – Doyle Hall opened in 1964 as a men's residence hall. It was dedicated and named for Monsignor John J. Doyle on May 17, 1967. Today it is a coed residence hall that is home to 220 students, including most incoming freshmen.

- **Caretaker's Cottage** – This building served as the caretaker's cottage for the Wheeler-Stokely estate; it houses the Art Department.

- **Marian University Cycling Center** – The indoor cycling training facility opened in the spring of 2007 and is the training ground for the over 30 time national champion Marian University cycling team. It also serves as a health and fitness resource for the larger campus and Indianapolis community.

- **Marian Hall** – Dedicated in 1954 by Archbishop Paul Schulte of Indianapolis, Marian Hall, like the university, was named for and dedicated to Mary, the Mother of God, by the Sisters of Saint Francis, Oldenburg. The statue of Mary located at the building's center was also dedicated in 1954. The cornerstone of the building is set in the chapel wing to symbolize the Christ-centered education Marian University provides. Marian Hall houses the Bishop Chartrand Memorial Chapel and Marian Hall Theatre on opposite ends, with classrooms and Scotus Science Hall in the middle. In addition to being a classroom building, this central administration building houses the offices for academic and financial student services, human resources, and Marian's Adult Programs. It is the home of the office of the Dean of the College of Arts and Sciences and houses faculty offices for behavioral, natural, and social sciences.

- **Michael A. Evans Center for Health Sciences** - The Michael A. Evans Center for Health Sciences is home to the Marian University College of Osteopathic Medicine (MU-COM), the Leighton School of Nursing, Exercise Science programs, an art gallery and classrooms. The building opened in August 2013. It is a 140,000 square foot building on four floors and is LEED Gold certified. Classrooms, two lecture halls, and the admissions and student affairs offices for graduate programs occupy the first floor. The building also houses an anatomy lab and osteopathic manipulative medicine lab. Modern patient simulation centers, which duplicate hospital and clinic treatment areas for teaching and assessment of student skills and competencies for both medical and nursing students, are also located here.

- **Mother Theresa Hackelmeier Memorial Library** – Named for the founding member of the Oldenburg Franciscan congregation and dedicated in 1970, this contemporary structure can house 200,000 volumes. Students have access to individual and group study spaces as well as several collaborative research pods combining computing technology and research tools. The library offers students and faculty traditional library collections, electronic resources, and a wireless network in a friendly student-centered environment. The library Learning Commons includes the largest open computing lab on campus, SmartSuite seminar rooms, a student lounge, student presentation rehearsal room, and a 220-seat auditorium. The Exchange, located on the first floor, connects students with key stakeholders in the community and assists them in identifying and honing their skills and talents.

- **Drew Hall** – Drew Hall opened in the fall of 2012 as a residence hall. The tallest building on campus, it has four floors of suite-style rooms, with four students sharing a common living area and private bathroom in each suite. All floors have the benefit of the OnGuard Card system, allowing students access to the building, their floor, and their suite with a prox card (making standard keys unnecessary). The building's amenities extend to its exterior, with a bricked courtyard and fire pit available for student use. A coed residence, the hall is home to 144 upper class students.

- **The Overlook at Riverdale** – The Overlook at Riverdale is the home of our graduate apartments, which opened in the fall of 2015.

- **Physical Education Center** – In 1983, the university opened the Physical Education Center, a building attached to Clare Hall at the west end. It houses the varsity gym, an intramural gym (the former Clare Hall gymnasium), a weight room, physical assessment lab, and classrooms as well as offices for athletics

administration. To accommodate the growing need for better equipment and more space, ground was broken in June 2006 for expansion and renovation of the Physical Education Center. There is now a fitness center, expanded locker rooms, and weight room, and all are open to all students, faculty, staff, and alumni.

- **Ruth Lilly Student Center** – Ruth Lilly Student Center, formerly known as Alverna Hall, was used first as a garage and three-apartment servants' quarters on the Allison estate. After it was purchased by the Sisters, it served as a women's residence hall, student cafeteria, kindergarten, priests' residence, and, since 1991, the student center. Today, the center's first floor is home to the campus safety and police services, a large community room, and a Subway restaurant.

- **Sisters of Saint Francis Oldenburg Hall** – Built in 1967 as a residence for the members of the Sisters of Saint Francis, Oldenburg who worked at Marian College. The Sisters lived there until additional room was needed to accommodate the school's growing enrollment. After serving as a residence hall for many years, it now houses the Clark H. Byrum School of Business, theology and philosophy department offices, the offices of the Educator's College, Office of Mission Effectiveness, Rebuild My Church, San Damiano Scholars, Campus Ministry, the offices of the Department for University Marketing, offices of the Athletics Department, and the St. Francis Chapel. Originally named St. Francis Hall, the name of the building was changed to Sisters of Saint Francis of Oldenburg Hall in 2014.

- **Summers Mansion –** Added to the university in 2017, this mansion serves as the home for the University Advancement offices as well as outreach segments of the Educators College, including the Ruth Lilly Health Education Center and Nina Mason Pulliam Eco Lab.

- **Steffen Music Center** – The music center was originally built in 1968 as a home for the incoming president, Dominic Guzzetta. In 1990, the Department of Music relocated from the Wheeler-Stokely Mansion to this building after the university renovated the house and added classroom and rehearsal space. Special features were added during the renovation, making the acoustics tremendous in the teaching studios, practice rooms, and rehearsal room. A renovation and expansion project began in 2009 with a gift from the estate of the late Andrew Steffen. To honor the university's Catholic foundation, the building façade features the first 10 notes of the fight song, We Rise and Cheer for You Dear Marian, marked in pneumatic notation, a style most commonly associated with Gregorian chants and Catholic liturgical music. Additions included multiple Wenger practice rooms; a large rehearsal hall; large instrument, percussion, and uniform storage rooms; and instrument repair station.

- **University Hall** – University Hall opened in the fall of 2008 as a residence hall. Designed in consultation with Marian University students, the hall has suite-style rooms. Kitchenettes are available on every floor as well as large common areas for student gathering. The entire hall has a wireless network and internet access as well as shared student computers. A coed residence, the hall is home to 190 upper class students.

- **Wheeler-Stokely Mansion** – The Wheeler-Stokely Mansion was built for Frank Wheeler in 1911 as the main house on his estate, which he named Hawkeye. The most distinctive feature associated with the building is the 324-foot long colonnade known as the "dog walk" that extends across campus to the west. Monty Williams, purchased the estate in 1921 following Wheeler's death. He filled in Wheeler's lake and built a swimming pool. Williams occupied the house until 1937 when William B. Stokely purchased the property. He sold it to Marian College in 1963; the college subsequently removed the servant's house, garage, and water tower to make room for a much-needed student residence, Doyle Hall. Marian University first used the mansion to house the music department. The office of admission occupies the mansion. The outdoor swimming pool, used for many years by students, alumni, and friends, was filled-in in 2003. The estate was listed on the National Register of Historic Places in 2004.

Undergraduate Admission

Marian University encourages applications from members of all cultural, racial, religious, socio-economic, and ethnic groups. Marian University students include those who continue directly from high school, those who transfer from other colleges and universities, adults who seek to earn a degree or professional certification, and international students continuing their education in the United States.

Requirements for Admission

Applicants must be graduates of a high school of recognized standing. Their high school program should fulfill eight credits in composition and literature, four credits in social studies, four credits in mathematics (algebra and geometry recommended), and four credits in science. Two credits in the same foreign language are strongly recommended.

All academic information relating to the applicant is examined by the admission staff. Factors considered are curriculum studied, academic potential as reflected by the results of the Scholastic Aptitude Test (SAT) and/or the American College Testing Program (ACT), and appropriate recommendations by counselors and teachers.

Acceptance to the university does not guarantee acceptance into specific programs of study. Programs in Nursing, Education, and Math and Science, as well as other programs, have additional admission requirements stated in this publication. Further information is available from each school or department.

Application Procedures

1. Applications may be submitted online for free at www.marian.edu. Paper applications may be requested by contacting the Office of Undergraduate Admission, Marian University, 3200 Cold Spring Road, Indianapolis, Indiana 46222-1997; 317.955.6300 or 800.772.7264.
2. Mail completed paper applications for admission, along with a $35 application fee, to the Office of Undergraduate Admission. The application fee is non-refundable.
3. Submit official copies of all high school transcripts and transcripts of all colleges and universities previously attended. Transcripts become property of the university and cannot be returned. Applicants who have previously earned 12 or more credits from a regionally accredited college or university are not required to submit official high school transcripts for admission.
4. Submit the results of the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board or the scores of the American College Testing Program (ACT) to the Office of Admission. The test should be taken at the end of the junior year or early in the senior year. Also see Application Policies.

Application Policies

1. The Office of Undergraduate Admission follows the policy of "rolling admission," acting on the application when all credentials have been received.
2. Applicants who do not meet regular admission criteria will be referred to the Admission Committee for consideration. The Admission Committee may request additional information (i.e., writing sample or references) before acting on a student's acceptance to the university.
3. All first-time students who scored below 500 SAT Math/530 Math (revised SAT – March 2016 or later)/19 ACT Math or 530 SAT Verbal/19 ACT Reading are required to participate in placement testing prior to registration. Students assessed to be academically underprepared may be required to enroll in developmental courses in English, mathematics, writing, and study skills either before or during their first semester of regular classes. In combination with other enrichment and activity courses, up to 12 credits of developmental courses can be counted toward the 128 credits required for the bachelor degree.
4. Applicants who are 23 years of age or older at the time of matriculation are not required to submit the results of SAT or ACT scores. However, other measures of ability regarding writing or mathematics skills or successful work experience and written recommendations may be requested.
5. Consideration will be given to any student who has completed high school through the General Education Development Test (GED) or Test Assessing Secondary Completion (TASC). Scores should be sent to the

Office of Undergraduate Admission for evaluation. Completion of the GED or TASC does not automatically imply acceptance to the university.

After Notification of Acceptance

After notification of acceptance for admission to the university, the student must:

1. Make a non-refundable enrollment deposit of $100 before registration.
2. Submit a completed student health form and immunization record.
3. Request an official final transcript, from the secondary school counselor or college and university registrars of all previous schools attended, be sent to the Office of Undergraduate Admission.
4. Submit a housing contract and a $125 housing deposit if the student plans to live in campus housing. This housing deposit is non-refundable after August 1. Commuter students must file an off-campus residency registration form.

Transfer Students

Transfer students currently in good standing at their previous institution are eligible for immediate transfer. Transfer students must present official transcripts of all college and university records.

1. The Admission Committee must review the applications of students below an accumulative GPA of 2.30/4.00. The committee considers the length of time out of school, the anticipated major upon re-entry, and evidence that the student has an understanding of what happened at the previous institution that placed him/her in unfavorable academic status. The committee may request additional information.
2. Marian University will accept, in transferring of credits, only those courses approved for transfer by the registrar and in which a "C-" or above has been earned.
3. Students not currently in good standing at their previous institution may be considered for probationary acceptance no sooner than one full semester following the last date at that institution.

International Students

Section I: International students who wish to apply for admission to the university must forward the following:

a) The International Application for Admission. The application process for international students seeking to enroll for the fall semester must be completed prior to June 1. For those seeking to enroll in the spring semester, the process must be completed prior to November 1.
b) An official copy of all high school/secondary school/university transcripts in your home language. For any school or university not in the United States, we require a course-by-course evaluation. We recommend using the Basic Package from World Education Service (WES).
c) If English is your native language, please submit an ACT or SAT score (Code 1224 for the ACT; Code 1442 for the SAT).
d) One letter of recommendation from a teacher or counselor.
e) An affidavit of support indicating the source and amount of financial responsibility for all expenses within the United States. A certified bank statement translated into English and no older than six months must be submitted. A certified government sponsorship letter may be submitted in replace of bank statement.
f) Copy of passport identity page to be sent to the Office of Admission.

If your native language is not English, send an official English proficiency test result directly to Marian University indicating the minimum score(s): TOEFL IBT 69, TOEFL Paper 523, TOEFL CBT 193, IELTS 6.0

Demonstration of English proficiency is waived in cases where one or more apply:

- Applicants have earned a degree from an accredited college or university in the United States or have earned at least 24 regular semester hours of university credit from an accredited U.S. college or university
- Applicants have studied at least once year of high school using the English language as the medium
- Applicants are citizens of countries where English is the official language.

All English proficiency criteria are subject to review by the Office of Admission. After all credentials are received by the Office of Admission, the director of enrollment will notify the applicant of eligibility for admission.

Section II: Once notified of acceptance by the Office of Admission:

a) Students must submit a $100 enrollment deposit
b) After deposit has been received, the university will issue an I-20 form to the student, so that he/she may apply for a student visa.
c) It is Marian University policy that all international students have appropriate medical health insurance and evacuation/repatriation coverage. F-1 students are required to have medical health insurance and evacuation/repatriation coverage each semester they are enrolled (part or full time) and while in the United States, e.g., summer term. Marian University partners with LewerMark Student Insurance to provide insurance coverage to international students. All international students MUST have health insurance through LewerMark Student Insurance or have an approved waiver confirming alternative coverage that meets certain requirements. Student accounts will be billed before the beginning of each semester through the Business Office. Students can use their payment plans to pay the health insurance fee.
d) If transferring from a university from within the United States, students must submit a completed immigration transfer-in form as proof of status. Once the form is reviewed and accepted by the Office of Admission, the SEVIS record can be accepted by MU.

Non-Degree Students

Applicants who wish to pursue individual courses without qualifying for a degree, and are not on probation or ineligible at another school, may be admitted after consultation with the Office of Undergraduate Admission on the requirements and procedure. Students must be officially registered before they may attend classes.

Audit

Students desiring to audit a course must complete an "audit only" application obtained from the Office of Undergraduate Admission. A student must be at least a high school graduate to audit a course. Laboratory, studio, or practicum courses cannot be audited. Students who audit a course receive no credit and no grade.

Summer Session

Both day and evening classes are offered during the summer session. Admission requirements, quality of work offered, and semester hour equivalents are the same as during the regular semesters. See admission procedures.

Re-admission

A former student who wishes to be readmitted to the university should request a readmission form from the Office of Undergraduate Admission. This includes students who are not enrolled for a period of one or more semesters, and those who withdraw during the semester. No fee is required when submitting a re-admission application.

The applicant's social, financial, and academic status at the time of their departure is verified. Students currently in good standing are eligible for immediate readmission. Students with an unfavorable status must be approved by the Admission Committee. The committee will consider the nature of the problem and consult with the appropriate department. The committee may ask the applicant for additional information.

Advanced Study for High School Students

Academically outstanding students may apply for Marian University's Advanced Study Program, a dual credit program, following successful completion of their sophomore year of high school. This program allows juniors and seniors to earn university credit while in high school. If admitted, a student may enroll at Marian University for approved introductory level courses.

Enrollment in this program does not commit the student to enrollment at Marian University after high school graduation. Credits obtained from Marian University are usually accepted for credit by other colleges and universities provided the student achieves at least a "C" grade in the respective courses.

Interested high school students should contact the Office of Undergraduate Admission at 317.955.6300, 800.772.7264, or online at www.marian.edu.

Finances

The tuition and fees that each student pays to Marian University meet only about 60 percent of the expenses incurred by the university in providing a student's education. The remainder of these expenses is met through gifts and grants made to the university by individual and business donors, contributed services of the religious faculty, and from other sources. Despite the reduced tuition and fee charges, some students face difficulty in meeting their university financial obligations. Therefore, a wide variety of scholarships, grants, employment, and loan opportunities are available to Marian University students to help offset expenses.

Tuition and Fees
A complete listing of current fees is available from the Marian University Business Office. For more information, call 317.955.6020 or 800.952.3917.

Tuition and Fee Payment Policy
Tuition and fees for each semester are due and payable by the published tuition due date for all students who are not formally enrolled in a monthly payment plan with Tuition Management Systems, Inc. Students who neither pay their bill nor make a TMS payment plan contract by the due date will be charged a late fee.

Student accounts must be paid in full in order for students to enroll in or attend classes for any subsequent semester. Academic records, including transcripts and diplomas, are encumbered until the student account is paid in full.

Outstanding account balances for students who have ceased enrollment at Marian University may be forwarded to an outside billing service for installment billing or a collection agency for collection action. At the time the account is sent for installment billing or collection, the account may be assessed interest. All collection costs associated with the collection of an outstanding balance, which may include collection costs, interest, and attorney fees are the responsibility of the student. Marian University or its agent may report unpaid balances to national credit bureaus.

All students who make application to Marian University and who register for classes agree to this policy by signing and submitting their paper application or online application for admission.

Installment Payment Plan
Marian University offers a monthly payment option which allows all or part of educational expenses to be spread over each semester without interest charges. The plan is administered by Tuition Management Systems, Inc. and is available to all students. Information may be obtained by contacting Tuition Management Systems, Inc. at 888.713.7240 or www.afford.com/marian. The plan administrator charges a semester fee for use of the plan.

Reduction of Charges Due to Withdrawal from University
A student who officially withdraws from school is entitled to full or partial reduction of charges for tuition, fees, housing, and meal charges. Tuition, other related fees, and housing and meal charges will be reduced in the following manner in the event the student withdraws from Marian University after confirming registration:

Standard (semester-long) courses
- Up to end of first week ..... 100 percent
- Up to end of second week ..... 90 percent
- Up to end of third week..... 60 percent
- Up to end of fourth week ..... 25 percent
- Thereafter ..... No refund

Courses lasting five weeks or more
(up to, but not including, semester-long courses)
•Up to end of first week ..... 100 percent
•Up to end of second week ..... 50 percent
•Thereafter ..... No refund

Courses lasting four or fewer weeks
•Prior to start of class ..... 100 percent
•After class begins ..... No refund

Return of federal aid funds will follow federal law and regulations. See the Office of Financial Aid for specifics.

Refund of Overpayment
Refunding of student account overpayment, whether or not the student receives federal Title IV aid, will be made in compliance with federal guidelines for federal student loans.

Financial Aid

Marian University wants to work with you and your family to assist in financing your Marian University education. The financial aid office will help you consider the financial options that Marian University offers, so that you and your family can plan the best ways to manage your educational investment over the coming years. The professionals at Marian University's Office of Financial Aid are pleased to provide information and answer questions about the financial aid application process. Contact the Office of Financial Aid by phone at 800.834.5494 or 317.955.6040, or by email at finaid@marian.edu, or visit the web site at www.marian.edu/financialaid.

More than 98 percent of first-year students at Marian University are eligible to use a combination of scholarships, grants, work-study, and loans to assist in financing their education. Marian University awards more than $40 million annually in scholarships, grants, and self-help.

How to Apply for Financial Aid
Students interested in applying for financial aid at Marian University must complete the following steps:

1. New students must apply and be accepted for admission to the university. In order to be considered for financial aid, students must be regularly admitted and enrolled in a degree-granting program at least half-time (six credit hours) for federal and full-time (twelve credit hours) for state aid. Only students who are United States citizens, nationals, or permanent residents are eligible for federal and state aid through Marian University's Office of Financial Aid.
2. File your Free Application for Federal Student Aid (FAFSA) online at https://fafsa.ed.gov/. List Marian University, Title IV School Code 001821, on your FAFSA application.
3. If you have already filed the FAFSA, yet did not list Marian University or as a recipient of your FAFSA information, please return to https://fafsa.ed.gov/ and add the Title IV School Code 001821.

This information will be used to determine eligibility for all federal and state aid. The FAFSA application must be received before April 15 to ensure consideration for the Indiana State Grant programs. Students applying for Marian University aid only are not required to file the FAFSA. However, they are still strongly encouraged to file, if only to determine student loan eligibility. The university will notify you if the federal government, through the verification process, requires you to send current federal tax forms (or additional documents) to the Office of Financial Aid.

Financial aid at Marian University is tentatively awarded as soon as possible after the student has been admitted and the FAFSA results have been received by the Office of Financial Aid. Students who file for financial aid by April 15 are given first priority. After that date, awards are made as funds become available.

To receive federal aid, a student must not be in default on a Federal Direct Loan, National Defense/Direct Student Loan, Income Contingent Loan, Consolidated Loan, Perkins Loan, Federal Stafford, SLS, or PLUS loan. In addition, a student must not owe a refund on a Pell Grant, Supplemental Educational Opportunity Grant, or State Student Incentive Grant at any institution. Students certify that they have not and will not possess, use, or distribute illegal drugs during the current financial aid award year.

A student's financial aid award will be based upon the number of credit hours for which they are registered. After classes begin, enrollment status will be verified with the Office of the Registrar. Adjustments will be made to any student's financial aid if their status changes from full-time (12 credit hours or more) to less than full-time. If the adjustment drops a student below half-time attendance (six hours), the student will be ineligible to receive federal loans. Students must make separate application for the Federal Direct Stafford and PLUS loan programs.

Eligibility for students in Marian's Adult Programs (MAP) is limited to the federal and state financial aid programs. Second degree, graduate degree, and certificate program students are eligible for federal loans.

Scholarships
Marian University offers awards based on the student's academic performance in high school and/or college. All scholarships are renewed automatically, as long as the student remains in good academic standing and maintains a 3.00 cumulative GPA at Marian University, computed at the end of each semester. Please refer to the following pages for specific information concerning academic scholarships and other Marian University financial aid.

Many of Marian University's scholarships require specific SAT or ACT scores. Awards based upon SAT scores will use the SAT combined Critical Reading and Mathematics scores. Awards based upon the ACT will use the ACT Composite score. For students who may be eligible for multiple scholarships and grants, institutional guidelines will be used to determine awarding and amounts. Scholarships are subject to deadlines. Dollar amounts of scholarships may change.

Saint Mary Academic Scholarship, half tuition – full tuition
- Competitive with personal interview and essay
- Minimum 3.75 cumulative grade point average, ACT 27 or SAT 1270
- Deadline for consideration: October 15

Saint Francis Academic Scholarship, $8,000 - $14,000
- Minimum 3.25 cumulative grade point average, ACT 24 or SAT 1170

Saint Clare Academic Scholarship, $6,000
- 3.0 cumulative grade point average, ACT 22 or SAT 1080

Transfer Scholarships, $10,000 - $14,000

San Damiano Scholarship, amount varies
- Demonstrated academic performance
- Church or religious involvement
- Post-graduate church-related employment and volunteer service
- Deadline for application: December 1

Bishop Bruté Scholarship, amount varies
- Residence in the Bishop Simon Bruté College Seminary required

Lugar Fellow Global Studies Scholarship, $2,000
- Competitive with an interest in global issues
- Deadline for consideration: December 1

Athletic Award, up to full tuition

- Competitive. Selection based on athletic eligibility and potential contribution to team. Recommendation of coach required.

Fine Arts Talent Award for Instrumental Performance, amount varies

- Competitive. Selection based on audition and talent and potential contribution to the marching band.

Fine Arts Talent Award for Theatre Arts, amount varies

- Competitive. Selection based on audition, and talent and potential contribution to program.

Fine Arts Talent Award for Vocal Performance, amount varies

- Competitive. Selection based on audition and talent and potential contribution to Show choir.

Fine Arts Talent Award for the Visual Arts, up to $6,000

- Major in visual arts. Competitive. Selection based on portfolio, interview with faculty, and talent and potential contribution to the visual arts program.

Speech Award, up to $5,000

- Competitive. Selection based on talent and potential contribution to the Marian University Speech Team.
- Deadline for consideration: December 1

21st Century Scholars, up to full tuition and fees

- Full tuition and fees funded through a combination of federal, state, and Marian University grants up to 25 new scholars each year
- Must complete and file the Free Application for Federal Student Aid (FAFSA) by April 15 and meet Indiana state requirements for the program. Renewable for three additional years for students in good social and academic standing.
- Deadline for consideration: October 15

Diocesan Employee Family Grant, up to half tuition

- Employment Verification Form
- Requires completion of the Diocesan Employee Family Grant Application and Verification Form

St. Vincent Health Family Grant, up to half tuition

- Requires completion of the St. Vincent Health Family Grant Application and Verification Form

Marian University Grant, amount based upon financial need

- Must complete and file the Free Application for Federal Student Aid (FAFSA) by April 15

Marian University Housing Grant, amount based upon financial need

- Must complete and file the Free Application for Federal Student Aid (FAFSA) by April 15
- Must live in campus housing

Legacy Award

- Award amount is $1,500
- Annually renewable for entering students who have had a parent, legal guardian, or grandparent graduate from Marian University
- Award eligibility is determined off admission application

Lilly Endowment Community Scholars

- Full-tuition scholars who live on campus are awarded a housing grant to cover standard double room and board cost

State of Indiana Grants

- Indiana State Frank O'Bannon Grant: A program administered by the State Student Assistance Commission of Indiana for students attending private colleges and universities in Indiana, who show a financial need after receiving the Higher Education Award.
- Twenty-First Century Scholarship Program: Students must have enrolled in an Indiana high school during the eighth grade, agreeing to fulfill a specific pledge of responsibilities. The student must complete the FAFSA before April 15 for every subsequent academic year.

The requirements for receiving the Indiana State Frank O'Bannon Grant or Twenty-First Century awards are: (1) the filing of a FAFSA before April 15, (2) demonstrating need, (3) attending an Indiana university or university, (4) being an Indiana resident by January 1 preceding the award year, and (5) maintaining academic progress toward a degree. The FAFSA may be filed online at www.fafsa.ed.gov.

Federal Grants

The Federal PELL Grant is a federal grant based on financial need and requires a student to file a FAFSA.

The Federal Supplemental Education Opportunity Grant (FSEOG) is a federal grant for students demonstrating exceptional financial need. Eligibility for this program is determined by federal guidelines.

The Federal TEACH Grant is a federal grant that provides funds to students who are completing or who plan to complete coursework that is required to begin a career in teaching, and who agree to teach full-time. Please website the federal website at https://teach-ats.ed.gov/ for more information.

Federal Loans

For more information on the federal loans described below, please go to our web site; you can download brochures and apply online.

Carl D. Perkins Loan Program: Marian University participates in this federally funded program. The amount of the Perkins loan offered is dependent on the financial need of the student and other sources of financial aid available. Repayment of the Perkins loan does not begin until nine months after graduation or withdrawal from school. The Perkins program provides for special cancellation for borrowers who go into the teaching field, military, or specific forms of volunteer service.

Federal Direct Stafford has two types of loans: (1) the Subsidized Loan, with an interest subsidy, and (2) the Unsubsidized Loan, without an interest subsidy. Maximum annual loan limits depend upon:

- the student's status as a dependent or independent
- the student's year in college
- the student's financial need

The Federal PLUS Loan allows the parent of a dependent student to borrow up to the cost of attendance minus other aid available. Parents must have no adverse credit history.

Private Alternative Loans: You will also find information on other loan resources at www.marian.edu/financialaid.

All student loan programs have loan deferral provisions. All borrowers with outstanding indebtedness in the Perkins, Stafford, PLUS, and HPSL programs are eligible to consolidate their loans. Please contact the Office of Financial Aid for details

Academic and Student Services

Center for Academic Success and Engagement (CASE)
The Center for Academic Success and Engagement provides integrated services to support students' academic and co-curricular success. The CASE Office is located in Clare 125; offices within CASE are on the first floor of Clare Hall, including: 21st Century Scholars, Academic Advising, Academic Engagement, Academic Support Services, and First Year Experience.

21st Century Scholars Support
The Marian University Office of 21st Century Scholars offers support and resources to all 21st Century Scholars by connecting students to Counseling and Consultation Services, the Office of Student Activities, peer tutor program, the Office of Financial Aid, the Writing Center, and the Exchange.

Freshmen and new transfer scholars pair with a scholar mentor to guide them during their first year. The scholar mentor is an upperclassman who connects mentees to academic services, campus activities and opportunities in Indianapolis. The mentor also serves as a support system for scholars transitioning to life at Marian University. New scholars also pair with local alumni who serve as career mentors who help each student explore a chosen profession and life after college.

The Office of 21st Century Scholars provides social events including scholar gatherings, leadership opportunities, academic and career workshops, and off-campus opportunities. Scholars can attend Indiana Pacers and Indianapolis Indians games, local art and cultural events, receptions with Marian University faculty, personal academic workshops, and volunteer activities in the Indianapolis community. The Office of 21st Century Scholars strives to support scholar students in every way possible.

Academic Advising
Advising is a collaborative process that encourages students to take ownership of their academic experience by exploring dreams, identifying goals, and developing meaningful academic plans. Academic advising is available through each school and the Office of Academic Advising.

New students, full and part-time, are assigned to an academic advisor by the Office of Academic Advising. Assignments are made according to the student's declared major. Exploratory students are advised by the Director of Academic Advising who assists them in exploring options and planning their general education base. Non-degree students may be assisted by the Registrar when the student is not part of a regular program.

After initial schedule planning, the student continues to consult with the academic advisor about program changes, educational goals, and general progress. The most important reference tool for academic advising is the current edition of the Marian University *Course Catalog.*

If a student needs to change a major or request a different academic advisor, a Change of Major/Advisor form can be obtained from the Office of the Registrar. After obtaining all the necessary signatures, the form must be returned to the Office of the Registrar for recording.

Academic Engagement
The Office of Academic Engagement offers a variety of services to help students meet their academic needs, including: Peer Tutoring, Supplemental Instruction, Success Seminars, an academic course focused on reading and learning strategies, and Academic Success Coaching, and Academic Peer Mentoring.

<u>Peer Tutoring</u>
Marian University's peer tutoring program is a free resource and service offered through the Office of Academic Engagement. The goal is to help students develop the confidence and skills necessary to be successful at the university level.

The Peer Tutor Center is located in Clare Hall room 119. Tutoring is provided on a one-to-one basis or in small groups. Individual tutoring sessions can take place in study lounges, the library, residence hall lounges, Alumni Hall, or the Evans Center. Open tutoring times are also available and take place in the Peer Tutor Center.

All peer tutors have been hand-selected by Marian University faculty members. Only students who have displayed success in the classroom, possess well-developed communication skills, and share an enthusiasm for helping others are chosen as peer tutors. After being selected, tutors participate in a training program to develop their skills as peer leaders.

Tutoring is available for most entry-level courses, and many upper level courses. Please note that we may be unable to guarantee that a tutor can be found for every courses offered at the university.

Supplemental Instruction

Supplemental Instruction (SI) helps students successfully navigate historically difficult courses through peer-facilitated study sessions. SI is an academic program that allows students to meet during regularly-scheduled times in an informal setting to compare notes, discuss course readings, and predict exam content.

All students who are enrolled in an SI course are encouraged to attend. Because the focus is on historically difficult courses, there are no remedial stigmas. Students who attend SI sessions have the opportunity to engage in weekly sessions to better understand and review course material.

SI is available during the fall and spring semesters only. These services are not available for accelerated classes, summer courses, during finals week, holidays, or official school closings.

Student Success Seminars

Student success seminars are offered throughout the academic year. Dates and locations of success seminars are published and promoted through the Office of Academic Engagement.

Reading and Learning Strategies Course

COL099: Reading and Learning Strategies is a course that includes instruction in learning strategies such as note taking, test taking, time management, and reading text books effectively. Reading improvement skills including comprehension skills, reading rate, and vocabulary building make up the three major units of study. Students also learn to utilize their personal learning styles. These strategies are applied to students' academic coursework.

Academic Success Coaching

Academic success coaching is offered to help students develop key study skills while empowering them to maximize their potential in the classroom. Professional staff members offer success coaching opportunities to individuals or small groups. All sessions are tailored to meet specific academic goals.

Students interested in obtaining a success coach should visit the CASE office located in Clare Hall.

Academic Peer Mentoring

Designed to engage and empower first year scholars as they begin their college experience at Marian University, the first-year mentoring program connects first-year students with upperclassmen who serve as mentors throughout the academic year. Representing a variety of majors, Academic Peer Mentors are aware of Marian University's resources, and have been specially trained to help students transition to university life.

Academic Support Services

Academic Support Services oversees the implementation of services for students with disabilities, national (CLEP/DSST) and internal (preadmission assessment, reading placement) testing services, and general academic support as needed.

Students with disabilities desiring academic accommodations must provide current, up-to-date documentation of the disability to the Director of Academic Support Services before accommodations can be arranged. Common accommodations for such students may include: extended testing time, reduced distraction environment for testing, readers, enlarged text, note-takers, etc.

On an individual basis the Director of Academic Support Services can screen for possible learning difficulties and learning style issues upon request. When additional evaluation is indicated, referrals can be made to providers in the Indianapolis area or within the student's health care organization. Outside referrals are at the student's expense.

Resource Library:
Resources are available for check-out in the Peer Tutor Center on topics such as: graduate school admission (GRE, GMAT, MCAT), time management, organizational skills, study strategies, note-taking, test anxiety, speed reading, memory skills, stress management, and many others.

Students with Disabilities:
In response to requests by qualified students with disabilities, the Director of Academic Support Services arranges for reasonable and appropriate accommodations in accordance with federal legislation (Rehabilitation Act of 1973; Americans with Disabilities Act of 1990) and university policy. Auxiliary educational aids may include note-takers, scribes, readers, enlarged text, extended time for exams, and administration of exams in a reduced distraction setting. Prior to the provision of accommodations, current documentation of disability, condition, or impairment must be provided to the Director of Academic Support Services for review. Documentation consists of a diagnostic evaluation, completed within the last three years, that includes test results and recommendations, by an appropriately qualified, licensed professional. Contact 317.955.6150 for additional information.

Testing Services:

- Placement tests are administered to incoming freshmen based on their SAT/ACT scores, and to non-traditional transfer students who need a placement determination. For more information, refer to the catalog section, Assessment and Placement.
- College Level Examination Program (CLEP) – for more information, see the catalog section, Credit and Advanced Placement.
- Pre-admission screening for adult students who have never attended university or who have previously attended non-accredited institutions. For further information, contact the Office of Admission at 317.955.6300 or 800.772.7264.

First Year Experience
The Office of the First Year Experience supports positive transitions for all undergraduate students within their first year at Marian University. The office provides opportunities for students to connect to one another, faculty, the Marian University community, and the city of Indianapolis.

First Year Experience events include: Welcome Weekend, FIRST Day of Service and Leadership, First and Foremost, Faculty Friday Nights, the First Year Class Trip, and the First Year Passport.

Additionally, the Office of First Year Experience sponsors the following campus-wide initiatives:

- First Year Seminar
  First Year Seminar is a three credit course that is required for all incoming freshmen and transfer students who have earned fewer than 23 credits (and/or not successfully completed a similar course at a previous college/university). Each semester, FYS 110 offers a variety of theme-based topics in which students explore the importance of a strong foundation of intellectual skills, develop an understanding of inquiry and exchange and begin to define what it means to be a Marian University Knight.

- The Freshman Class
  Sponsored by the Student Government Association (SGA), the Freshman Class is a registered student organization. Membership consists of all incoming freshmen. Led by an executive board that is elected annually each fall, the Freshman Class serves as the voice of incoming students to SGA. Members of the Freshman Class plan service and social events throughout the year aimed at fostering collaboration and class identity. For more information, email freshmanclass@marian.edu or fye@marian.edu.

For additional information about FYE or first year initiatives, contact: fye@marian.edu.

The Exchange Career Development and Experiential Learning
The Exchange staff works with currently enrolled students and alumni to explore career options and develop key skills critical to their long-term success. The Exchange connects students to the larger community early and often -- students learn through multiple "real world" experiences in the form of informational interviews, job shadowing, internships, mentored research, and service learning tied to their coursework.

The Exchange coordinates application for on-campus and off-campus employment, including federal work study positions, through KnightWork, which can be accessed by students and alumni at www.marian.edu/exchange. Exchange staff members assist with resume and cover letter development and interview skills, as well as guidance on graduate school admission and competitive graduate scholarships and fellowships. The Exchange also hosts many career preparation events throughout the school year: career fairs, networking opportunities, employer visits, an etiquette dinner, and tailored workshops.

Campus Ministry
Committed to serving all in their spiritual journeys, Campus Ministry creates an environment for students to find faith- filled answers to the big questions of life: "Who am I? What are my most deeply felt values? Do I have a mission or purpose in life? What kind of person do I want to become? What sort of world do I want to create?"

Led by passionate staff and student leaders, Campus Ministry creates Outreach, Spiritual Formation, and Fellowship opportunities that meet people where they are, reveal God, and call for a response. We do so by empowering faith-filled leaders who are discerning, developing, and discipling.

Campus Ministry offers the Mass (daily), service opportunities, prayer services, retreats, and leadership experiences that will help students find faith-filled answers in a supportive community.

Campus Safety and Police Services
The safety and well-being of our students, faculty, and staff are a top priority. Maintaining a safe and secure campus requires the involvement and support of everyone. Keeping our environment relatively crime free can be achieved only through the cooperation and vigilance of all persons in the community. Services provided by the department, staffed by sworn law enforcement officers, include 24-hour escort service, victim assistance program, motorist assistance program, disabled vehicle program, and crime prevention presentations and information.

Commuter Student Services
Alumni Hall, the campus living room, is also a gathering space for commuter students. Lockers may be reserved by contacting the Student Affairs office in the Ruth Lily Student Center. Commuter students are encouraged to participate in campus activities. Commuter students stay connected to the campus and informed about campus events through the *Student Activities web* pages, the Student Government Association, and email. Commuter students may add Knight bucks to their account by contacting campus dining (Clare hall 121) or at www.marian.campusdish.com. Assistance and resources for commuter students are available from the Office of Student Affairs in the Ruth Lilly Student Center at 317.955.6318.

Computing Facilities
The university provides computing access in different areas of the campus depending on the needs of the students. The hours available for computing access will vary by area. Wireless access to the local area network and the Internet is available in all residential units, the library, the student center, and all academic areas.

All computers in the open computing and discipline-specific labs include word processing, spreadsheet, presentation, e-mail, and Internet-access applications. Discipline-specific labs will have added software applications; for example, graphic design and tutorial software. Student lab assistants from the Department of Instructional Technology are available on the first floor of the library to answer questions, assist with problems, and provide informal and scheduled formal basic training on how to use the available software. Discipline-specific computing labs include biology, chemistry, education, languages, nursing, performing arts, and visual arts. Some labs also have student assistants available to answer questions regarding academic software applications installed in the lab.

One computer classroom, Library 008 located in the library's lower level, is available for open computing. This classroom supports both formal class use as well as open computing access by students, faculty, and staff during non-class times. A published schedule of class times and open computing times are posted in the hall immediately outside of the lab. Other open computing locations are also available in the library and in the Ruth Lilly Student Center. Library 008 and library open computers are only available during library hours.

Students can access their e-mail through the web at https://webmail.marian.edu. Access to their CAMS portal is available at https://camsap.marian.edu/estudent. Both CAMS and e-mail accounts are available to all Marian University students. New students are issued their new accounts as they enroll. If you have forgotten your account information or your account is not working, please request assistance by visiting the Marian University Helpdesk located on the third floor of Marian Hall.

Counseling and Consultation Services
Counseling and Consultation Services (CCS) supports both the academic and personal growth of Marian University students. Individual counseling is available to assist students who are experiencing problems that interfere with the realization of their academic, interpersonal, spiritual, and vocational goals. Group counseling is available depending on student need and interest. Students may seek counseling for a variety of reasons, some of which may include problems with adjustment to university life, family conflicts, relationship difficulties, depression, anxiety, eating disorders, and substance abuse. In addition, students with disabilities or chronic medical conditions may find counseling services helpful in developing effective coping strategies for adjustment and adaptation to university life. Counseling services are provided free of charge, and coordinated care with other professionals is arranged for those who experience more chronic conditions. When necessary, and at the discretion of the counseling staff, referrals to community agencies may be required which would result in fee for service costs to the student.

The Counseling Services Program uses psychological assessment and screening tools by licensed and professionally trained clinicians to assist in the recognition of mental health issues and academic functioning. Where additional evaluation, psychiatric, or specialized mental healthcare is indicated, referrals are made to providers in the Indianapolis area or within the student's healthcare organization. Off-campus referrals are at the student's expense.

Counseling and Consultation Services staff members make use of educational programs and prevention workshops as part of their support services for the academic and personal growth of Marian University students. Information is provided on topics such as, depression, anxiety and panic disorders, eating disorders, stress management, communication skills, personal wellness, conflict resolution, sexual assault and domestic violence, substance abuse, and alcohol awareness. In addition, with permission of the student; consultation and collaboration with Marian University faculty and staff members are utilized to better serve the student's needs. CCS maintains and follows confidentiality and the professional ethical guidelines of the American Psychological Association.

Assessment and Screening:
Individual assessments are available to screen for learning difficulties, attention deficit issues, learning style, substance abuse, depression, anxiety, or eating disorders.

Crisis Intervention:
During normal daytime office hours (M-F 8-4:30), the CCS staff are available to provide crisis intervention services to all students. Resident students needing emergency mental health services during the evening or weekends are directed to contact their residence hall director or the Campus Police at 317.955.6789. Non-resident students should call the MHA Indianapolis Crisis Line number at 317.251.7575, 911 or 317-924-2750 to speak to the CCS counselor on call.

Dining Services
Dining with friends is an integral part of your college experience. Dining locations on campus include: Barbara B. Cooling Dining Room (located in Clare Hall), Subway (located in the Ruth Lilly Student Center), Papa Johns, Grille Works and Starbucks (located in Alumni Hall) and P.O.D Market (located in the Evans Center). The All Access Meal Plan for residential students is purchased when students sign their housing contracts. The Mandatory Commuter Student Meal Plan ($200 Flex Dollars) will automatically be assigned to all commuter students. Whether you eat every meal on campus or just grab a bite now and then, you'll love the variety, convenience and flexibility of your meal plan.

Supplemental Knight Bucks (dining dollars) and commuter meal plans can be purchased at the Dining Services office (Clare Hall 121) or online at www.marian.campusdish.com.

Housing and Residence Life
At Marian University, we believe that living on campus ensures that students gain the most from their college experience. College is a time for self-exploration and preparation for the future. It is a time to meet new people and develop lifelong friendships. The convenience of living on campus, freedom from most domestic responsibilities, and opportunities to live, learn, and connect with others, make on-campus living the best option for our students.

Students are strongly encouraged to participate in the living-learning communities offered in their residence hall. Students accepted into the Honors Academy live together in the Honors Community and participate in both in and out of class experiences related to their fields and interests. Students in the Peace and Justice Community engage in topics and activities related to our humanity and service to others while taking a First Year Seminar course together. Students interested in exploring or deepening their faith from any culture are welcomed into our Alverna Community, which builds community within itself through events, activities, and prayer.

Our approach to housing allows students to begin college in traditional double occupancy housing and gradually move to more independent living each year. Students who have attained their 21st birthday on or before August 31 may request to live off campus by completing the appropriate form online through our Simple Campus Housing website. Students who are married, have dependents and/or are veterans who have served at least two years active duty in the armed forces may also apply to live off campus. Seminarians should also complete the off campus application.

Room and board contracts traditionally provide residents double room accommodations and meals, exclusive of vacation periods. A limited number of singles are available for students. For additional information on food services, please see the Dining Services section or visit www.marian.campusdish.com.

Residence hall rooms include two single beds, desks with chairs, and dressers. Students must supply their own bedding, toiletry items, shower supplies, microwave, refrigerator, electronics, etc. A list of what items to bring/not bring can be found at www.marian.edu/housing. A lobby or floor phone is provided in each residence hall. Wired and wireless internet access is available in all residence hall rooms. All rooms are equipped for access to basic cable television channels. Vending machines and free laundry are also available in each residence hall.

Health Services
The Marian University Student Health Center, provides the clinical opportunities for students to achieve their level of optimal wellness. The Catholic Franciscan heritage coupled with current medical information guide the implementation of clinical services. These services address a wide range of needs in the form of providing treatment for acute illness, well visits, immunizations, physical exams and promotional health education programs. The Student Health Center provides limited over-the-counter medications and prescriptions when indicated.

All students must complete a Student Health Record form and Student Immunization Record form (forms can be found on the Marian University Health and Wellness web site). The student's signature, (or parent's signature for a student younger than 18), is required for authorization to administer treatment.

International Student Support
The International Student Specialist is available to assist International students in becoming familiar with services, academic support and programs at the university and in the community. This office also assists in all matters regarding passports, visas, employment issues, academics, and other concerns of the international student.

Intramurals and Recreation
Consistent with students' needs and interests, the director of intramurals coordinates a comprehensive program of sports and recreational activities. For the active participant, activities are offered in competitive team sports such as flag football, basketball, volleyball, ultimate frisbee and kickball. Please visit www.imleagues.com to sign up to participate. All intramural information will be posted on the website.

In the P.E. Center, we provide two racquetball courts, a dance studio, and an area where weights, treadmills, elliptical(s) and bikes are provided for working out. We do have a recreational gym called Clare Gym that can be used when varsity teams are not practicing. You must have your student ID with you to use the facilities.

Language Center
The Language Center, located in Clare Hall 020, provides electronic and media support for the study of languages. Student stations are equipped with technology to facilitate the study of French, German, and Spanish. Computer stations offer possibilities for practice and skill-building in vocabulary, language structure, reading, composition, and review of historical and cultural information. Access to the Internet broadens the scope of resources and information available to the student. The center serves as a classroom as well as an electronic library for individual study.

Mother Theresa Hackelmeier Memorial Library
See the University section for the description of the library and its services.

Student Orientation Advising and Registration (SOAR)
New student orientation, advising, and registration take place in January and throughout the spring and summer for first-time freshmen and transfer students. All new students are required to attend one Student Orientation, Advising, and Registration (SOAR) day prior to the first day of classes. SOAR is an orientation for new students and their families, and the gateway to the student experience at Marian University. The program is designed to answer questions, introduce students and families to campus resources, and prepare students to begin classes.

Student Organizations and Activities
Opportunities for student involvement are available through departmental, social interest, professional, athletic, and nationally affiliated clubs and organizations. A complete list of groups is available online at www.marian.edu/clubs and on OrgSync. The Director of Student Activities and Orientation coordinates and promotes a variety of educational, volunteer, recreational, social, cultural, and entertainment programs and services.

Numerous opportunities are available to develop leadership skills, interact with students, faculty and staff, and to share in personally enriching experiences through participation in student government, clubs and organizations, and in class offices.

Undergraduate Student Government Association
The Marian University Student Government Association (SGA) provides an opportunity for the expression of student views and interests; all currently enrolled undergraduate students are members. The governing board, elected representatives of the student body, is designed to assist in providing for students' social, cultural, and physical well-being and to help promote better educational standards.

SGA provides an opportunity for students to participate in the governance of the university. It also affords a means whereby students may gain experience and training through participation in community leadership, for student cooperation and communication with the faculty and administration, and for demonstrating that students may effectively and responsibly govern themselves. Make sure to join the SGA portal on OrgSync to get involved or stay up to date on what's happening around campus.

Standards of Conduct
The university assumes that when a student enrolls, a commitment is made to abide by university policies. The policies are based on the university's foundational values. The Office of Student Affairs in the division of Student Success and Engagement assists students, faculty, and staff in formulating guidelines intended to maintain an atmosphere conducive to attaining educational goals. This office is responsible for the administration of the Code of Students Rights and Responsibilities. To view the Code please go to www.marian.edu/studentrights

Student Publications
On-campus publications include *The Fioretti*, a student literary magazine.

Varsity Athletics
Marian University is a member of the National Association of Intercollegiate Athletics (NAIA) and provides opportunities for men and women students to compete in intercollegiate sports. The official rules governing these sports are those adopted by the NAIA. In addition, the university belongs to the Crossroads League, which includes the following member schools: Bethel College, Goshen College, Grace College, Huntington University, Indiana Wesleyan University, Mt. Vernon Nazarene University, Spring Arbor University, University of Saint Francis, and Taylor University.

Men may compete in intercollegiate basketball, baseball, bowling, cross country, football, track and field, tennis, golf, soccer, wrestling and cycling. Women may compete in intercollegiate basketball, bowling, volleyball, tennis, golf, lacrosse, softball, cross country, track and field, soccer, and cycling. Men and women may participate in varsity cheerleading. Women may also participate on a dance team which performs throughout the year. Marian University plays intercollegiate football as a member of the Mid-States Football Association and won the NAIA national championship in 2012 and 2015. The Knights cycling team, winner of over thirty national championships, competes as a member of the National Collegiate Cycling Association (NCCA). Go to www.MUKNIGHTS.com to view the athletic web site and to find the athletic handbook.

Writing Center
The Writing Center offers a range of writing and literacy related services for Marian University students, faculty, staff, alumni, and Indianapolis residents. The Writing Center is located in the lower level of Clare Hall (CH021) and also operates satellite locations within the Mother Theresa Hackelmeier Memorial Library and The Exchange.

Individual Consultations – Peer Tutors are available to collaborate with English and Spanish language writers in generating ideas, responding to texts, composing drafts, identifying writing strategies, and navigating the academic and creative writing process. Individual consultations are available on a walk-in basis, but appointments are encouraged and may be made by visiting the Writing Center website at www.marian.edu/writing-center . Online individual consultations are also available.

English Composition Lab, Writing Tutorial Courses, and Multilingual Writing Tutorial Courses — The Marian University Writing Center offers 1 credit courses in which students meet once a week with a professional lab instructor. The ENG-L01 English Composition Lab and ENG L10-L40 Writing Tutorial courses are tailored around individual schedules and academic demands. Multilingual Writing Tutorials provide support best suited for ENL students. To enroll in the Writing Tutorial Lab Hour, please see your advisor or contact the Writing Center faculty.

Workshops– Workshops are regularly offered to Marian University students covering topics including research writing, plagiarism, professional writing, personal statements, developing ideas for essays, navigating writing situations, MLA/APA formatting, and general composing and revising strategies. Current workshop schedules are available at www.marian.edu/writing-center.

Public & K-12 Outreach—Indianapolis residents are invited to visit with a Writing Center peer tutor both at the center or at one of our community writing center sites (please see our website for current times and locations). High school and homeschooled students are also encouraged to collaborate with a Marian University Writing Center peer tutor. Appointments may be created by visiting the Marian University Writing Center website.

General Education Program

A Marian University education is designed to prepare our graduates to be:

- inquisitive in a broad, multi-dimensional and critical way
- ethically informed and holistic in perspective
- spiritually mature
- professional and knowledgeable in their field

These institutional learning goals are achieved by completion of the general education program with the major program. The general education program provides a common educational experience within the Catholic Franciscan tradition.

To assist students in the pursuit of their education, the faculty has identified three areas of competency that it believes are central to intellectual, moral, social, physical, and spiritual development. The courses, which support these areas of competency, provide the base for exploration in new areas of learning, for deeper understanding of previously acquired learning, for recognition of one's place in a global environment, and for examination of social and spiritual existence. This core educational program is infused with an appreciation of the four Franciscan sponsorship values: dignity of the individual, peace and justice, reconciliation, and responsible stewardship. In essence, the program is a crucial stage in a lifetime of learning, analysis, and contemplation.

General Education Program Goals and Objectives:

Goal 1: Foundational Intellectual Skills

Written Communication: to develop proficiency in written communication as a basis for constructive human interaction.

Objectives:

1. to demonstrate the ability to communicate and interpret meaning in a range of situations, for a range of purposes
2. to demonstrate the ability to read and write in order to acquire, develop, and share information, ideas, and feelings
3. to demonstrate critical and creative strategies for generating and sharing meaning

Speaking and Listening: to develop proficiency in oral communication as a basis for constructive human interaction.

Objectives:

1. to demonstrate the ability to communicate and interpret meaning in a range of situations, for a range of purposes
2. to demonstrate the ability to speak and listen in order to acquire, develop, and share information, ideas, and feelings

Quantitative Reasoning: to understand and apply the basic concepts of mathematics and to explain their relationship to contemporary life and work.

Objectives:

1. to demonstrate an understanding of mathematical concepts and language and to employ the tools of mathematics

Goal 2: Acquisition of Knowledge

Scientific Knowledge: to understand and apply the basic concepts of science and mathematics and to explain their relationship to contemporary life and work.

Objectives:

1. to demonstrate knowledge of the scientific method and to apply it to problem-solving and research inquiry
2. to demonstrate knowledge of the fundamental laws of nature underlying the universe
3. to demonstrate an understanding of the factors and choices involved in responsible stewardship of the environment

Behavioral and Social Knowledge: to understand the relationships between beliefs and actions of individuals and groups in social, political, and economic contexts.

Objectives:

1. to demonstrate an understanding of the interactions among individual, group, political, and economic factors in contemporary societies
2. to demonstrate an understanding of how people are affected by the world—as it is and as they experience it—in social, political, and economic contexts
3. to demonstrate an understanding of the ways individuals and groups produce change in personal, social, political, and economic environments

Humanistic and Artistic Knowledge: to understand and appreciate the cultural life of world communities, past and present.

Objectives:

1. to demonstrate knowledge of philosophical wisdom regarding what human beings are and who one can be as a person
2. to expand cultural perspectives by establishing a foundational knowledge of world civilizations in their historical contexts
3. to demonstrate an ability to analyze and interpret the diverse heritage of the past in terms of its own ideas and values
4. to establish a commitment to the life-long process of understanding and participating in contemporary local and global cultures

Goal 3: Faith, Ethics, and the Foundations of Thought

Marian-Specific Core: to demonstrate a basic understanding of and participation in theological and philosophical reflection on questions of ultimate meaning and value, within the context of a Catholic and Franciscan university.

Objectives:

1. to demonstrate knowledge of theological wisdom regarding what human beings are, who one can be as a person, and who God is and the ethical and moral implications thereof
2. to demonstrate an understanding of the historical and contemporary impact of religion
3. to demonstrate an engagement in the ongoing synthesis of faith and reason

Outcomes for the General Education Capstone Experience— The Senior Seminar. A student completing the general education capstone experience will demonstrate:

1. the ability to integrate multiple perspectives regarding a single theme of social/cultural importance
2. the ability to contribute effectively to a serious academic conversation about a single theme of social/cultural importance
3. an appreciation for the importance of life-long learning
4. an appreciation for the importance of serious intellectual and interdisciplinary reflection to citizenship in a democratic society

Graduation Requirements—Bachelor Degrees

BACHELOR OF ARTS, BACHELOR OF SCIENCE, AND BACHELOR OF SCIENCE IN NURSING • 128 CREDITS

A. Specialized Knowledge and Applied Knowledge: Major—area of primary concentration (at least 30 credits)

B. Intellectual Skills and Acquisition of Knowledge: General Education Core (31-44 credits)
General education courses require a passing grade ("D" or higher) in order for the requirement to be fulfilled. Certain major programs or professional licenses may have a higher grade requirement for some or all general education courses. The general education courses listed below align with the Indiana Statewide Transfer General Education Core.

1. Foundational Intellectual Skills

a. Written Communication (6 credits)
FYS 110* First Year Seminar
ENG 112 Writing and Community
Additional Writing Requirement: Designated Writing Intensive Course in the Major
*Each entering first time, full-time student or transfer student (with fewer than 24 credit hours and who has not taken an approved first-year seminar at a previous institution) will take FYS110 during his/her first semester at Marian University.

b. Speaking and Listening (3 credits)
COM 101 Public Speaking

c. Quantitative Reasoning (3-9 credits)
One of the following mathematics courses as determined by placement:

MAT 115	Mathematics for Elementary School Teachers I
MAT 130	Statistics in a Contemporary World
MAT 140	College Algebra
MAT 145	Precalculus
MAT 215	Fundamentals and Special Applications of Calculus
MAT 230	Calculus and Analytic Geometry I
BIO 205	Experimental Design and Statistical Analysis for Biologists
BUS 209	Quantitative Analysis of Business
PSY 205	Statistical Methods
POL 205	Social Science Statistics
SOC 205	Social Science Statistics

Note: Students who have a SAT math score of at least 550 or an ACT math score of at least 21 may opt to take PHL 150 to fulfill the quantitative reasoning requirement.

2. Knowledge Acquisition

a. Scientific Knowledge (4 credits)
One of the following science courses with a lab:

BIO 151	General Biology
BIO 202	Evolution and Ecology
BIO 214	Microbiology
CHE 151	General Chemistry I
ENV 170 & 171	Introduction to Environmental Science with lab
PHY 201	Mechanics

SCI 101	Earth Sciences
SCI 102	Life Sciences
SCI 103 & 104	Physical Sciences with lab

b. Behavioral and Social Knowledge (6-12 credits)

One course from the following group:

GST 200	Introduction to Gender Studies
PSY 101	General Psychology
PSY 220	Human Growth and Development
SOC 101	Introduction to Sociology
SOC 175	Introduction to Anthropology

One course from the following group:

BUS 109	Business Plan Competition
ECN 200	Introductory Economics
POL 102	Introduction to American Politics
HIS 102	History of the Modern World

c. Humanistic and Artistic Knowledge (9-10 credits)

HUM 210	The Search for Meaning Through Culture
PHL 130	Human Nature and Person

One of the following foreign language courses as determined by placement:

FRE 101	Introduction to French I
FRE 102	Introduction to French II
FRE 200	Intermediate French I
FRE 201	Intermediate French II
FRE 220	Readings in Contemporary French Culture
GER 101	Introduction to German I
GER 102	Introduction to German II
GER 200	Intermediate German I
GER 201	Intermediate German II
GER 220	Narrative Prose in German
GER 230	Oral Communication in German
LAT 101	Latin I
LAT 102	Latin II
LAT 200	Intermediate Latin I
SPA 101	Introduction to Spanish I
SPA 102	Introduction to Spanish II
SPA 200	Intermediate Spanish I
SPA 201	Intermediate Spanish II
SPA 220	Introduction to Hispanic Film and Literature
SPA 230	Oral Communication in Spanish

Note: Upon successful completion of the foreign language course with a C or better, credit for the prior 2 semesters of foreign language will be awarded to the student.

3. Faith, Ethics, and Foundations of Thought (6 credits)

THL 105 Introduction to Theology

A second course in theology selected from the following courses:

THL 106S	Jesus and the Scriptures
THL 205	Studies in Jesus the Christ
THL 208	The Church
THL 216	Moral Issues
THL 218	Fundamental Catholic Moral Theology

THL 226	Old Testament
THL 228	New Testament
THL 232	History of Christian Thought
THL 236	Liturgy and Spirituality
THL 308	Christian Unity and Diversity
THL 316	Theological Bioethics
THL 321	Religious Perspectives on Social Issues
THL 322	Catholic Social Teaching
THL 326	Fundamentals of Jewish
THL 332	Creative Theologians of the Modern Era
THL 337	Christian Celebration of the Mass

4. **Broad Integrative Knowledge: Greater Depth of Knowledge Outside first major (12-26 credits)**

   This requirement can be met in one of several ways:
   a. Completion of at least a minor outside his/her school or department;
   b. Completion of one of the following interdisciplinary minors or concentrations outside the first major: San Damiano Scholars Program, Peace and Justice Studies, Gender Studies, Catholic Studies, Global Studies, Pre-Law, or Ethics;
   c. Completion of the requirements for the Honors Academy;
   d. Focus on a specific theme outside the major. Each cluster shall be comprised of no fewer than four courses drawn from the identified areas:
      1. 300-level courses in arts, literature, music, theatre, humanities;
      2. A cross-cultural course, which can be satisfied by
         a. Study abroad.
         b. A cross-cultural course.
         c. An additional Foreign language course
      3. Social or Behavioral course at the 300-level
      4. Historical course: at the 300-level

C. Civic Learning: Senior Seminar—All students are required to complete a senior seminar in their major department. To integrate general education with the major, a common university theme is incorporated into each major's seminar. Attendance at scheduled convocations is a required component of the senior seminar.

D. Convocations—Prominent speakers and performers are brought to campus to enrich general education experiences for the total university community. All students are encouraged to attend convocations. Convocations are a required component of each major's senior seminar course.

E. Senior Comprehensive—All bachelor degree candidates must satisfactorily complete a written comprehensive examination or the equivalent in the major field. Bachelor degree candidates in art and music prepare a public exhibit or performance.

F. Electives or academic minor

Major
The major is a field of concentration requiring at least 30 credits. See individual majors for the exact number of credits required. Students who choose to major in more than one field must fulfill corresponding degree requirements. The major in associate degree programs ranges from 18 to 30 credits. Students are encouraged and generally declare a major through a formal process by the end of the sophomore year.

Concentration
Within some majors, a student may choose a focused course of study requiring 12-22 credits of guided electives to earn a concentration.

Minor
Students may elect to complete a minor in a specific area to supplement their area of major study. Minor requirements range from 18-26 credits.

Electives
Students may elect to complete several courses from different areas according to personal need or preference. Enhancement courses can include activities, developmental, and enrichment courses. A combined maximum of 12 enhancement course credits can apply toward the required total of 128 credits for bachelor degrees, or six enhancement credits toward the required 64 credits toward the associate degree.

BACHELOR OF BUSINESS ADMINISTRATION and BACHELOR OF HEALTH AND HUMAN SERVICES (MARIAN'S ADULT PROGRAM) • 128 CREDITS

A. **Major**—area of primary concentration (at least 30 credits)
See catalog listing in Bachelor of Health and Human Services section for specific requirements.

B. **General Education Courses**
General education courses require a passing grade ("D" or higher) in order for the requirement to be fulfilled. Certain major programs or professional licenses may have a higher grade requirement for some or all general education courses.

1. **Philosophical and Theological Reasoning** (9 credits)
   PHL 130 Human Nature and Person
   THL 105 Introduction to Theology
   THL 216 Moral Issues

2. **Scientific and Quantitative Reasoning** (7 credits)
   ENV 172 Intro to Environmental Science
   BUS 205 Statistical Methods

3. **Individual and Social Understanding** (9 credits)
   ECN 200 Introductory Economics

   PSY 101 General Psychology **OR**
   PSY 220 Human Growth and Development

   SOC 101 Introduction to Sociology

4. **Cultural Awareness** (12 credits)
   ART 139 Art Appreciation
   HIS 102 History of the Modern World
   MUS 127 Appreciation of Music

   One course from designated cross-cultural courses including:
   ENG 213 The Short Story
   SOC 377 Global Health Issues and Intervention

5. **Effective Communication** (9 credits)
   COM 101 Public Speaking
   ENG 101 English Composition
   ENG 239 Professional Writing

ASSOCIATE OF BUSINESS ADMINISTRATION (MARIAN'S ADULT PROGRAM) • 64 CREDITS

A. **Major**—area of primary concentration (18-30 credits)

B. **General Education Courses**
General education courses require a passing grade ("D" or higher) in order for the requirement to be fulfilled. Certain major programs or professional licenses may have a higher grade requirement for some or all general education courses.

1. **Philosophical and Theological Reasoning** (6 credits)
   PHL 130 Human Nature and Person
   THL 105 Introduction to Theology

2. **Scientific and Quantitative Reasoning** (7 credits)
   ENV 172 Intro to Environmental Science
   BUS 205 Statistical Methods

3. **Individual and Social Understanding** (3 credits)
   One course from the following:
   PSY 101 General Psychology
   PSY 220 Human Growth & Development
   SOC 101 Introduction to Sociology

4. **Cultural Awareness** (3 credits)
   One course from the following:
   ART 139 Art Appreciation
   HIS 102 History of the Modern World
   MUS 127 Appreciation of Music
   ENG 213 The Short Story

5. **Effective Communication** (3 credits)
   ENG 10 English Composition

ASSOCIATE IN SCIENCE (MARIAN'S ADULT PROGRAM) • 64 CREDITS

A. **Major**—area of primary concentration (18-30 credits)

B. **General Education Courses**
General education courses require a passing grade ("D" or higher) in order for the requirement to be fulfilled. Certain major programs or professional licenses may have a higher grade requirement for some or all general education courses.

1. **Philosophical and Theological Reasoning** (6 credits)
   PHL 130 Human Nature and Person
   THL 105 Introduction to Theology

2. **Scientific and Quantitative Reasoning** (4 credits)
   ENV 172 Intro to Environmental Science

3. **Individual and Social Understanding** (3 credits)
   One course from the following:
   PSY 101 General Psychology
   PSY 220 Human Growth & Development
   SOC 101 Introduction to Sociology

4. **Cultural Awareness** (3 credits)
   HIS 102 History of the Modern World

5. **Effective Communication** (3 credits)
   ENG 101 English Composition

Additional Graduation Requirements:

Determining the Catalog in Effect for You
Marian University students who maintain continuous enrollment each fall and spring semester use the catalog in effect at the point they first enroll at the university as a degree-seeking student.

Former Marian University students readmitted to complete a degree use the catalog in effect at the point of readmission.

Second degree students who earned their first degree at Marian University use the catalog in effect at the point when they first enroll in courses for the second degree.

The same catalog is used for meeting both major and general education requirements. Sometimes a program change is approved for both new and current students, particularly when it is required for professional certification.

Special approval of the registrar would be required to vary from the above guidelines. For example, graduation applicants who were close to meeting all requirements 15 or more years ago, but were not able to persist at that time, may seek approval to complete the few requirements remaining at that time. Students are responsible for making the choice and completing the appropriate requirements, although advisors can facilitate the process. Beyond this example, the registrar would be expected to approve, by exception, a catalog no older than five years from the anticipated graduation date, and not to mix parts of requirements from more than one catalog.

Credits Required for Graduation
Candidates for the bachelor degree must complete a minimum of 128 credits and earn a 2.00 minimum overall GPA, as well as maintain the required minimum GPA in their major. The major includes all graded courses required by the major and any additional courses with the department prefix. Of the 128 credits, a minimum of 64 credits must be from courses numbered 200 and above, i.e., courses beyond the introductory level. Candidates for the associate degree must complete 64 credits and earn a 2.00 minimum overall GPA.

Graduation Application and Ceremony
All graduating students, whether participating in the graduation ceremony or not, must complete a Graduation Application. This form, available online, initiates the graduation audit and the process of preparing diplomas. Upon completion of all degree requirements, and following the student's graduation date, diplomas may be picked up or will be mailed to the permanent address of record within ten weeks of the ceremony. August and December graduates are invited to participate in the graduation ceremony the following May.

Participation in the graduation ceremony requires satisfactory completion of all graduation requirements.

Double Major
A double major is awarded to students who simultaneously complete the requirements for two bachelor of science or two bachelor of arts degree programs. There must be an essential difference between the two majors. Students who plan to double major must have their programs approved by both major departments. Students declaring a double major must satisfy the department requirement and general education requirements for each major as stated in the catalog.

Double Degree
A student may be awarded two degrees by simultaneously completing two bachelor degree programs, one each from the arts, sciences, or nursing. Students cannot simultaneously earn an associate and a bachelor degree. A student who plans to pursue a double degree must receive approval from the two major departments and there must be an essential difference between the two majors. A student who declares a double degree must satisfy the requirements for each program as stated in the catalog. The student will receive two diplomas upon graduation.

Residency Requirements
In the bachelor programs the last 12 credits in the major and the last 30 credits overall must be earned at Marian University. In associate degree programs, the last nine credits in the major and the last 15 credits overall must be earned at Marian University. Special programs, such as study abroad and concentrated study in specialized areas, will be accepted on the recommendation of the Academic Policies Committee.

Non-traditional collegiate credits are not allowed to be earned in the last 30 credits for the bachelor degree, or in the last 15 credits for the associates' degree. Non-traditional collegiate credits are those defined as being earned from CLEP, DSST, Advanced Placement, military service and training, ACE recommendations, departmental examinations, portfolios, and other experiences as approved in collaboration between the Office of Academic Affairs and the dean of the appropriate school. In addition, at most one-half of the allotted non-traditional credits are allowed to be earned through any one testing program or methodology.

The bachelor degree's required 128 credits can include a maximum of 60 credits earned through non-traditional means. The associate degree's required 64 credits can include no more than 30 credits earned through non-traditional means.

Special waiver requests concerning the above policy must be submitted in writing and approved by the Assistant Provost. Waiver request forms are available in the Office of the Registrar.

Equivalent Major or Minor
An equivalent major or minor may be granted to a student if the student has already earned a bachelor degree from Marian University or another regionally accredited college or university. Official records indicating this become part of the student's permanent file. All specific requirements of the new major or minor must be met.

There must be an essential difference between earlier major programs of study and the new major or minor; between earlier minor programs of study and this minor. However, under this policy, a student might be able to upgrade a minor to a major.

A minimum of 12 credits in the major must be earned at Marian University.

Second Bachelor and Associate Degrees
Students who have earned a bachelor degree from Marian University or another regionally accredited college or university may, with the approval of the registrar, continue their education as a special non-degree student or as a second degree student.

A second bachelor degree may be granted to a student if all specific requirements of the new degree and major are met, and there is an essential difference between the two degrees. A minimum of 30 new credits is earned for the second bachelor degree, regardless of the number of credits needed to meet the above requirements. A minimum of 12 new credits must be earned in the major.

A second associate degree may be granted to a student if all specific requirements of the new degree and major are met and there is an essential difference between the degrees. A minimum of 15 new credits are earned for the associate degree, regardless of the number of credits needed to meet the above requirements. A minimum of nine new credits must be earned in the major.

Assessment and Placement

The assessment of university outcomes is central to strategic planning, budgeting, and improvement of university programs and operations. Periodically, the university will conduct university-wide assessment activities to gather data for such purposes. Students and university personnel are expected to participate in annual data gathering, which may include placement testing, learning assessments, attitudinal surveys, and administrative/departmental annual reports and self-studies. The results of data analyses are used to improve academic programs and university services.

Assessment of Student Learning Outcomes
All major programs have program learning objectives to be attained by their graduating seniors. Evidence for attainment is gathered annually, using a program-specific assessment plan and rubrics for evaluation. As part of annual institutional assessment, reports of program learning outcome attainment are sent to the Teaching and Learning Committee for review and compilation. Revisions in program curricula, academic strategic planning, and budgeting flow from assessment findings and recommendations. Academic departments are responsible for periodic evaluation of their assessment plans.

The General Education Program is evaluated annually for attainment of the general education goals and objectives, using a university-specific assessment plan and rubrics for evaluation. Seniors enrolled in the seminar capstone courses are administered assessments of general education content and skills in reasoning, writing, and oral discussion. The assessments are designed to measure goal attainment of Marian University general education and institutional goals, and are administered at the end of the senior seminar course. Performance results are compiled for use by faculty to improve learning outcomes of the General Education Program as part of annual institutional assessment. The Teaching and Learning Committee is responsible for periodic evaluation of the General Education Program assessment plan.

Placement Testing
Placement testing is administered to assist students in achieving academic success. Placement testing can include an evaluation of mathematics, reading comprehension, writing and foreign language skills. Advisors receive the results of the placement tests and assist students in selecting appropriate course levels.

Mathematics Placement
All students who have scored less than 530 on the SAT math or less than 19 on the ACT math are required to take the mathematics placement test. The results of the test are used to place students in the appropriate level mathematics course.

Students who place into a remedial math course must enroll and pass that course with a grade of “C” or better in the first available semester that the course is offered. The remedial course may be repeated only one time; if the second attempt is unsuccessful, the student is ineligible to return based on lack of progress. Students who need to repeat the course must do so in the next available semester the course is offered.

Reading Comprehension Placement
The following categories of students are required to participate in reading comprehension placement testing:

a) First-time students seeking their first degree (traditional and non-traditional, full-time and part-time) with less than a 530 SAT verbal score or 19 ACT reading score.
b) Transfer students with fewer than 30 hours or those entering on probation. Non-probationary students transferring English composition requirements are exempt from placement testing.
c) Readmitted students with fewer than 30 hours, who did not previously take the placement tests or were exempted from those tests, or those re-entering on probation.
d) Students not enrolled in an educational institution for five years.
e) Students entering without SAT or ACT test scores.

Writing Placement
The following categories of students are required to participate in English writing placement testing:

a) All first-time students seeking their first degree (traditional and non-traditional, full-time and part-time). Students transferring English composition requirements by means of AP, IB, or dual credit are exempt from placement testing.
b) Transfer students with fewer than 30 hours or those entering on probation. Non-probationary students transferring English composition requirements are exempt from placement testing.
c) Readmitted students with fewer than 30 hours, who did not previously take the placement tests or were exempted from those tests, or those re-entering on probation.
d) Students not enrolled in an educational institution for five years.
e) Students entering without SAT or ACT test scores.

Foreign Language Placement and the General Education Requirement
All degree programs at Marian University require some coursework in a language other than the student's native language (see Graduation Requirements). Marian University offers courses in French, German, Latin, and Spanish. Classes in other languages (Chinese, Japanese, etc.) may be available through cross-registration with other universities in Indianapolis.

To ensure proper placement in language classes it is important to consider the level of study already completed satisfactorily. Students who plan to continue study of a language begun in high school will be tested in that language before or on the first class day to determine appropriate placement. These tests are administered by the Department of Languages and Cultures. If, after the first few class days, any student thinks that she/he has been misplaced, a course change may be requested.

The sole purpose of the test is to determine the level of placement of the test taker for language study. Test scores serve as only one indicator of a student's probable success. They do not imply that a student has demonstrated proficiency at any level, therefore they do not qualify for course equivalency or academic credit on the student's record.

In order to qualify for academic credit, a student must complete a course at the expected level of performance. The recorded course demonstrates a student's achievement for the university record.

Foreign Language: Advanced Placement
Marian University recognizes accomplishment in language learning. The placement tests in French, German, Latin, and Spanish serve to benefit students who have prior study in those languages. Students who place in FRE, GER, LAT, or SPA 102, and who complete that course with a "C" or better, receive credit for the course plus four credit equivalency for 101. Students who place in FRE, GER, LAT, or SPA 200, and who complete that course with a "C" or better, receive credit for the course plus eight credit equivalency for 101 and 102. Students who place in FRE, GER, LAT, or SPA 201, and who complete that course with a "C" or better, receive credit for the course plus seven credit equivalency for 102 and 200. Students who place in FRE, GER, LAT, or SPA 220 or above, and who complete that course with a "C" or better, receive credit for the course plus six credit equivalency for intermediate level 200 and 201.

Language achievement tests include the AP tests available at the high school level and CLEP tests at the university level. Credit may be awarded on the basis of achievement.

For students who matriculated to Marian University prior to fall 2016:
Students who place in FRE, GER, LAT, or SPA 201, and who complete that course with a "C" or better, receive credit for the course plus three credit equivalency for intermediate level 200. Students who place in FRE, GER, LAT, or SPA 220, and who complete that course with a "C" or better, receive credit for the course plus six credit equivalency for intermediate level 200/201.

For students who matriculated to Marian University in fall 2016 or later:
Students who place in FRE, GER, LAT, or SPA 102, and who complete that course with a "C" or better, receive credit for the course plus four credit equivalency for 101. Students who place in FRE, GER, LAT, or SPA 200, and who complete that course with a "C" or better, receive credit for the course plus eight credit equivalency for 101/102. Students who place in FRE, GER, LAT, or SPA 201, and who complete that course with a "C" or better, receive credit for the course plus seven credit equivalency for 102/200. Students who place in FRE, GER, LAT, or SPA 220 or above, and who complete that course with a "C" or better, receive credit for the course plus six credit equivalency for intermediate level 200/201.

Language achievement tests include the AP tests available at the high school level and CLEP tests at the university level. Credit may be awarded on the basis of achievement.

Foreign Language and the International Student
A student whose first language is other than English, and who completed high school study in the first language, may apply English courses toward the language requirement at Marian University. These are ENG 101, ENG 112, COM 101, HUM 210.

Foreign Language Alternative for Students with Communication and Specific Learning Disabilities
This option, approved on a case-by-case basis, is provided for those students unable to meet the foreign language general education requirement for a degree at Marian University due to a mitigating disability. The applicant must present documentation which attests to the fact that a learning disability or communication disorder would adversely affect the learning of a foreign language. There is also an evaluation process. Students must start the process of qualification with the Director of Academic Support Services in the Counseling and Consultation Services Office. Since many of the alternative courses which apply are not offered every semester, students are encouraged to seek information about this option in their first semester at Marian. For more information contact the Director at 317.955.6150.

Academic Success and Progress

Academic Integrity
The search for truth, the transmission of knowledge, and the facilitation of moral development are the avowed goals of institutions of higher education around the world. These goals cannot be achieved unless the men and women who participate in their achievement are honorable persons with a common desire for the highest level of academic integrity.

Members of the Marian University community are expected to maintain the highest level of honesty in every phase of their academic lives and to help create and promote an ethical atmosphere in which the goals of the university can be fully realized. Students must understand that by accepting admission to Marian University, they have agreed to abide by all the provisions of the Code of Student Rights and Responsibilities. Their willingness to respect and comply with the code should depend less on an expectation of punishment for violation than on a sincere belief in the university's commitment to foster their intellectual and moral integrity.
The university has a positive obligation to protect this commitment by stating its code of academic integrity clearly and by taking decisive and responsible action when the code is violated. All Marian University students are responsible for knowing and avoiding academically dishonest behaviors. The code, the procedures and sanctions (up to permanent dismissal from the university) for violation, are specified in the Code of Student Rights and Responsibilities.

Academic Honors

Dean's List
At the end of each semester, the Dean's List is published to honor students whose grade point average for the semester is 3.50 or above. In addition to a 3.50 minimum GPA, students must have been enrolled in at least 12 semester credits of courses graded "A-F," and not earned any incompletes.

Graduation with Latin Honors
Students who have earned at least 60 credit hours at Marian University and who have maintained a superior grade point average, are eligible to graduate with honors as follows:
Students receiving a B.A., B.S., or B.S.N. degree receive:

- cum laude – if at least 3.50 but less than a 3.70 GPA average is earned
- magna cum laude – if at least 3.70 but less than a 3.80 GPA average is earned
- summa cum laude – if at least 3.80 GPA average is earned

Students receiving a B.B.A. or B.H.H.S. receive:

- Honors – if at least 3.50 but less than a 3.70 GPA average is earned
- High Honors – if at least 3.70 but less than a 3.80 GPA average is earned
- Highest Honors – if at least 3.80 GPA average is earned

Honor Societies
Marian University recognizes honor societies for superior accomplishments in the academic and extracurricular spheres.

Alpha Delta Sigma - A national honor society that recognizes and encourages scholastic achievement in advertising studies. Students must have achieved a 3.25 grade point average overall and within all advertising related courses, and must have completed at least two upper-level advertising courses. Students may be nominated for membership during their senior year.

Alpha Mu Gamma (Lambda Upsilon Chapter) – A national collegiate foreign language honor society recognizing superior achievement in foreign language and/or work in a native country.

Delta Epsilon Sigma (Beta Eta Chapter) – A national scholastic honor society recognizing and encouraging high scholarship among students of Catholic colleges and universities.

Iota Sigma Pi – A national honor society open to women chemists.

Kappa Delta Pi (Alpha Tau Chapter) – An international honor society in education recognizing excellence in education. Kappa Delta Pi members make up the top ten percent of those entering the field of education, exhibiting the ideals of scholarship, high personal standards, and promise in teaching and allied professions.

Kappa Gamma Pi – A national Catholic university honor society recognizing students for scholarship, leadership, and concern for others. Must have completed the Marian University Honors Program.

Lambda Iota Tau (Alpha Upsilon Chapter) – A national literary honor society, recognizing excellence in the study of English and foreign literature.

Lambda Pi Eta (Lambda Omicron Chapter) – The official honor society of the National Communication Association recognizing outstanding academic achievement in the discipline of communication.

Psi Chi – A national psychology honor society for students with a major or minor in psychology, who have maintained a 3.00 general average, a 3.25 average in psychology, and have completed at least nine hours in psychology at the time of nomination.

Sigma Tau Delta (Alpha Beta Omicron Chapter) – An international honor society for students with a major or minor in English, who have maintained a 3.00 accumulative average, a 3.25 average in English, and who have completed at least nine hours in English at the time of nomination.

Sigma Theta Tau International (Omega Chapter-at-Large) – A nursing honor society recognizing achievement and leadership in nursing and commitment to high standards of the profession. Bachelor degree nursing students may be nominated to membership in their junior year.

Grading and Performance Standards

Grading System

The quality of each student's work as determined by class achievement, tests, and examinations, is reflected in terms of letter grades. Points are given for each semester hour of credit in the course in which the grade is earned.

A 4.00 points: highest level of achievement, implying originality and initiative
A- 3.67 points
B+ 3.33 points
B 3.00 points: achievement above average
B- 2.67 points
C+ 2.33 points
C 2.00 points: average achievement
C- 1.67 points: below average achievement
D+ 1.33 points
D 1.00 points: below average but meeting the minimum requirements
F 0.00 points: failure to successfully complete the course

S/U Satisfactory/Unsatisfactory are used to evaluate experience-related courses such as practica, co-ops, and internships when these experiences do not count toward the total hours required for the major. An "S" grade does not increase the number of divisor credits or grade points earned, but it does increase the number of credits earned. A "U" grade does not increase the number of divisor credits, credits earned, or grade points earned. See Academic Progress, Probation, and Dismissal.

P/FL Pass or fail evaluation may be chosen for selected electives taken during the junior and senior years which are courses other than those fulfilling general education requirements or requirements in the major or minor department. No more than two P/FL courses may be taken in any one semester, with a maximum of four P/FL courses counting toward graduation. A "P" grade does not increase the number of divisor credits or grade points earned, but it increases the number of credits earned. A "FL" grade does not increase the number of divisor credits, credits earned, or grade points earned.

The pass/fail option is usually chosen by the student at the time of formal registration. However, a change from "grade" to "pass/fail" may be made within the first five weeks of a semester (by the second scheduled meeting day of a course in the summer semester unless published otherwise) provided the paperwork for this option is submitted to and recorded in the Office of the Registrar.

I Incomplete is given when it is determined that, in unusual circumstances, the student should have the opportunity to finish incomplete work. To be eligible to arrange an incomplete, the student must have completed substantial portions of the course and be in good academic standing in the course (2.00 GPA or above). In consultation with the faculty member, the student initiates the request; final approval of awarding an incomplete grade is determined by the Assistant Provost. An incomplete form must be submitted within one week after the last day of the semester, or the grade assigned will be changed to an "F". All incompletes must be removed by the end of the sixth week of the next semester, excluding summer session, or the incomplete becomes an "F." Earning an incomplete for a course disqualifies the student for inclusion on the Dean's List.

IP In progress grade for courses which span two or more semesters.

AU Audited courses carry no credit and no grade. Laboratory, studio, and/or practicum courses are excluded from audit.

W A grade of "W" is recorded when a student withdraws from a course during the second through the 10th week of classes for regular semester-long classes or 5 business days before the published end date for classes lasting at least five weeks but less than a full semester. The semester withdrawal is official only if the student completes the proper form and obtains authorization from the faculty advisor and the course instructor before filing the withdrawal request with the Office of the Registrar. A student who stops attending classes without processing this formal notice incurs an automatic "F" in the class. "W" grades are not given for courses lasting fewer than five weeks without complete withdrawal from the university.

Students withdrawing from all university classes must complete the withdrawal process prior to the scheduled final exam in order to receive a "W" in the classes. Students must process the necessary paperwork to document this withdrawal starting with the Office of the Registrar. Students withdrawing from the university are also removed from all future classes enrolled in through advanced registration. To re-enter school, students who have withdrawn must process a readmission application with the Office of Undergraduate Admission.

Grade Reports
At the end of each term, grade reports are available online on each student's CAMS portal. Mid-term grade reports are calculated for advising purposes.

Transcripts
Official transcripts of credits earned at Marian University are available at the Office of the Registrar. Students can locate fee information and order transcripts online at www.marian.edu/current-students/registrar.

Academic Progress, Probation, and Dismissal
To graduate, the university requires a 2.00 or higher grade point average for all courses taken at Marian University and all courses which apply toward the major. The major, for the purpose of calculating the 2.00 graduation requirement, is defined as all courses required by the major (in and out of the department) plus any required or elective courses with the department prefix. To meet degree requirements, some disciplines require higher grades in each course or a higher cumulative grade point average.

Students are not considered in good academic standing if their cumulative grade point average falls below 2.00. If this occurs the student is warned and academic progress is watched closely.

Students will be placed on academic probation if their *cumulative* GPA does not meet the guidelines below for *attempted credits enrolled*:

Total Credits Enrolled (Includes A-F, S, U, P, FL, I, IP, and W grades, and advanced standing credits)	Minimum Cumulative GPA
Up to 17.999	1.50
18.000 - 34.999	1.75
35.000 - 51.999	1.90
52 or more	2.00

If the required cumulative grade point average is not achieved after the next 12 semester credits enrolled, the student will be dismissed.

After one semester's enrollment at Marian University, full-time students who fail in as much as one-half or more of their subsequent semester credit hours in a given semester will be dismissed. After one semester's enrollment at Marian University, part-time students who fail in as much as six or more credits for any subsequent 12 consecutive semester credit hours will be dismissed. Students on probation who raise their cumulative grade point average to or above the required GPA are removed from probation.

Students who fail to earn a "C" the second time they take a developmental course (COL 099, ENG 099, MAT 090, MAT 095) are ineligible to return based on the lack of academic progress.

Students who voluntarily withdraw from the university while on probation, as well as those who are dismissed, must have special permission to re-enroll, after a case has been made that the student is more likely to succeed.

With the permission of the academic advisor, students may repeat courses for which they have received credit. The last grade and credit replace the previous ones in computing the grade point average. A student who fails a repeated course for which they had received credit, forfeits the original grade and credit earned. All courses attempted are listed on the students' records. Courses may only be taken for credit once unless otherwise stated in the course description.

Students admitted or readmitted on probation are expected to meet the special terms indicated in their admission letter. They will be evaluated for continuation at the university at the end of their first term.

The university reserves the right to dismiss any student who does not meet the guidelines stated above.

Appeal Process—Academic Status
When students are notified of dismissal due to poor scholarship, they may appeal their academic status. The appeal procedures are spelled out in the letter of dismissal and must be followed without exception. Such waivers are not easily obtained. Evidence of the student's commitment to academic progress is a major, but not the only, consideration in deciding whether or not to waive dismissal.

Appeal Process—Course Grade
The student can expect and should request from the instructor information about class standing during the course of the semester. Questions about procedure, requirements, and the grading system can thereby be resolved between student and professor.

However, if at the end of a term, a student has cause to question the computation or "fairness" of a final grade, an appeal process is available to review the case.

1. The student must consult with the individual instructor concerning the grade. The meeting is to be documented by means of a memorandum of record containing the meeting date, a summary of the results of the meeting, and the signatures of student and instructor. If there is no resolution at this level, then move to step two if the grade in question is concerning a course in the College of Arts and Sciences. Move to step three if the grade in question is concerning a course in the School of Business, Educators College, or Nursing.
2. The student meets with the department chairperson in the College of Arts and Sciences, presenting the documents generated in step one. The meeting is to be documented by means of a memorandum of record containing the meeting date, a summary of the results of the meeting, and the signatures of the student and chairperson. If there is no resolution at this level, then move to step three.
3. The student next meets with the dean or designee of the appropriate college or school, presenting the documents generated in previous steps. This meeting is to be documented by means of a memorandum of record containing the meeting date, a summary of the results of the meeting, and the signatures of the student and dean. If there is no resolution at this level, then move to step four.
4. The student must submit a written appeal to the dean of academic affairs with a copy to the dean with whom the student met in the previous step. The written appeal must state what is requested concerning the grade, the reasons that the assigned grade is not considered a complete or fair assessment of work

accomplished in the course, and must be accompanied by the documents of record generated in each of the previous steps. The time limit for filing the written appeal with the dean of academic affairs is six weeks from the release of grades.

5. The dean of academic affairs presents the written case and documentation to the vice president for academic affairs (VPAA). If the VPAA determines that further clarification is needed to reach a decision, a meeting is arranged involving the student, the instructor, and the VPAA for discussion of the appeal. The purpose of this meeting is primarily clarification of the situation.
6. After considering all the information received, the final decision on the fairness of the grade is made by the VPAA. In this context, "fairness" applies to the objective and unbiased assignment of the grade. If the VPAA determines that the grade was unfairly assigned, this decision is conveyed to the instructor, the chairperson, and/or dean of the school for objective and unbiased correction. The student will receive written documentation of the outcome.

Appeal Process—Course Grade (MAP)
MAP students can review the appeal process by going to the MAP Student Handbook located online at www.marian.edu.

Academic Forgiveness Policy
An academic forgiveness policy option is available to Marian University students who re-enroll at Marian University after a lapse of five or more years. The following guidelines apply:

1. An academic advisor should discuss this policy with the student at the time of re-enrollment. Students must file a completed request with the dean of academic affairs before the end of their first academic semester back. The request form must be signed by the student and the academic advisor.
2. Only course grades of "C-" or better apply to the current degree: these are not calculated in the GPA.
3. All courses and grades remain on the record. GPA is calculated from returning point forward.
4. The Academic Forgiveness Policy can only be used one time and is non-reversible.
5. Students who have previously earned a degree or have a cumulative GPA of 2.00 or higher are not eligible.
6. The transcript states that an Academic Forgiveness Policy is in effect.
7. Students accepting this policy are eligible for academic honors after accumulating 60 new earned hours.

Registration Policies

Class Level
Class level is defined by the number of credits earned: 30 credits are needed for sophomore status, 62 for junior status, and 94 for senior status.

Registration and Class Changes
Students are encouraged to advance register for classes. Class choices made during registration are guaranteed up until the time payment arrangements must be made unless the class is canceled due to limited enrollment or for other causes. Students will be notified if the class is canceled. If students fail to make payment arrangements at the assigned time, the class spot will revert to a student who has completed payment arrangements.

Students are required to meet with an academic advisor prior to registration. Students must register online through the CAMS student portal. The registration portal will be open and available through 11:59pm the day immediately prior to the start of the semester.

Except for courses lasting four or fewer weeks, a course may be dropped with no record during the first week of classes. From the second week through the end of the tenth class week for semester-long courses, and during the second class week of classes lasting five or more weeks but less than a full semester, a course may be dropped with a grade of "W" provided the student processes the official change of registration form with the Office of the

Registrar. (See Grading System for details.) A fee is charged, per form submitted, for changes made after the first week of classes.

Registration and Class Changes (MAP)
MAP students can review the registration and class change process by going to the MAP Student Handbook located online at www.marian.edu/academics/marian's-adult-programs.

Course Load
The normal load for a full-time student is 12-18 credits per semester. Because academic performance may suffer when an overload is taken, students in good standing (2.00 GPA or above) wishing to take 19 credits or more and students with less than a 2.00 GPA wishing to exceed 16 credits must petition the Office of Academic Affairs for approval. Full-time students earning fewer than 16 credits per semester will not be able to complete degree requirements in the prescribed period (four years for a bachelor degree and two years for an associate degree) unless additional credits are taken during summer school or during regular semesters or are earned through examination. An additional per credit fee is charged for enrolling in more than 19 semester credit hours.

Class Attendance
Attendance and active participation in all scheduled classes are expected. Every absence deprives the absent student, those students who are present, and the faculty member of a richer educational experience.

Each faculty member, with prior appropriate departmental review, has the right to establish and enforce his or her own attendance policy. Such a policy must be clearly stated in the syllabus including how different kinds of absences will be treated or tolerated, as well as the full range of and specific sanctions which the faculty member employs.

Many departments sponsor trips for students that supplement or enhance their classroom education. These are planned after the first week and before the last two weeks of each semester. They are not planned during the scheduled mid-term examination period. Instructors in charge of the classes certify the trip and students notify their other instructors before leaving the campus on a field trip which will require their absence from class.

Marian University reserves the right to administratively drop or withdraw students who are reported as never attending class(es). Administrative drops or withdraws may affect financial aid, billing, and enrollment status.

Cross Registration
Students may enroll in courses not available at Marian University through the Consortium for Urban Education (CUE). A student may enroll in a maximum of one CUE course a semester, not to exceed a total of four courses throughout the student's program. In order to participate, the student must be enrolled in at least three credit hours at Marian University, have a 2.00 cumulative GPA, and be degree or certificate seeking. Tuition for the course is paid to Marian University. All other fees are paid to the host CUE institution. Seven area institutions participate: Butler University, Franklin College, Indianapolis Museum of Art, IUPUI, Ivy Tech Community College, Martin University, and University of Indianapolis. Information is available from the Office of the Registrar.

Co-registration: Accelerated and Traditional Program
Accelerated program (MAP) students may register for traditional courses without restriction.

Traditional students seeking to enroll in a MAP course must meet the admission criteria for the accelerated program. A request for exception form, signed by the student and the academic advisor, must be submitted to the Office of Academic Affairs. The student must present evidence of hardship and/or be unable to achieve timely academic progress to receive the exception. An ad hoc subcommittee of the Academic Policies Committee will review and act on these requests. Students in the traditional Marian University program may apply no more than 12 credit hours of accelerated MAP courses toward a traditional bachelor degree.

Transfer between MAP and Traditional Programs
Students may transfer one time from one Marian University program to the other if they meet the admission requirements. Transfers must be approved by the Office of Academic Affairs, taking into account relevant academic criteria. Students fulfill the graduation requirements of the degree program from which they graduate. Students will pay the rate advertised for the program into which they transfer.

Students complete a university form, Request to Transfer, which the registrar immediately copies to the student, MAP, Business Office, Office of Admission, Office of Financial Aid, and the appropriate school with a copy remaining in the student's file.

Credit and Advanced Placement
A student may receive credit and/or advanced placement for certain courses by successful performance on College Board Advanced Placement Tests, the International Baccalaureate organization, the College Level Examination Program (CLEP), the Indiana University Advanced Placement Tests, and/or examinations offered by an academic department of Marian University. Credit and/or advanced placement is awarded by the specific department. A student who has had superior preparation is encouraged by the university to accelerate his or her academic program in this manner.

Adults may receive credit for prior learning or experience as determined by testing, interview, or records of training. Specific areas in which this applies include USAFI examinations for military personnel, proficiency examinations for licensed practical nurses and registered nurses, and Marian University's accelerated format program (MAP). Other areas are considered on an individual basis.

Transfer Credit Regulations
Marian University accepts credit from many regionally accredited colleges and universities. The decision is made on a course by course evaluation by the Office of the Registrar; the content must be appropriate to the degree objective of the student. Courses with a minimum grade of "C-" are accepted. Classes with less than a grade of "C-" will not transfer. Grades of "P" and "S," or the equivalent, are not acceptable. Credits, but not the grade points associated with them, are added to the Marian University permanent record. An official evaluation is not made until official records are received and the applicant is admitted.

Continuing students who wish to transfer credits from other institutions must receive prior written approval from the Office of the Registrar and must not be in violation of the residency requirement (see Residency Requirements section for details). Most other institutions require students to be in good academic standing (2.00 cumulative GPA or higher) in order to be accepted for temporary study.

Courses transfer in at the level (100, 200, 300, 400) assigned by the institution which originally awarded credit. Credits from two-year colleges transfer in as 100 or 200 level courses according to Marian University's numbering system.

Military Service Credit
Veterans may receive credit for certain learning that took place while they were engaged in military service. They can request to have their official Joint Services Transcript sent to the Registrar to be evaluated for credit.

College Level Examination Program (CLEP)

CLEP examinations are a national series of examinations available to students of all ages. The CLEP examination is designed to measure knowledge acquired outside the university setting as well as through formal education. Most examinations consist of a 90-minute multiple-choice test. Some English examinations also include an essay portion. University credit can be granted on the basis of test scores. The Counseling and Consultation Services office administers the CLEP examinations. The following regulations apply for CLEP examinations:

Students may take CLEP examinations prior to or after enrolling at Marian University.

1. Prior to registering for a CLEP examination, contact the Associate Registrar in the Registrar's Office, at 317.955.6053, for approval.
2. Once approval has been obtained, contact Academic Support Services, at 317.955.6150, to schedule a CLEP examination and receive other needed information.
3. Credit will be granted for scores of 50 or above with the exception of upper level foreign language. Check the chart on the next page for details.
4. Students may not receive credit for a lower level CLEP examination if they have completed higher level courses in the same discipline.
5. CLEP credits are not allowed to be earned during the last thirty credit hours of bachelor degree work or the last fifteen credit hours of associate degree work. A student who receives CLEP credits during this time are still required to fulfill their last thirty/fifteen credits at Marian University, thus placing their total earned degree credits at over the minimum required for the degree.
6. A maximum of 30 CLEP credits may be applied toward a bachelor degree. A maximum of 15 CLEP credits may be applied toward an associate's degree.
7. For further information about the CLEP Program in general, consult the CLEP website at www.collegeboard.org.

CLEP SUBJECT EXAMINATIONS		MARIAN UNIVERSITY'S EQUIVALENCY (CREDITS)
Composition and Literature:		
American Literature		ENG 100 level elective (3)
College Composition		ENG 101 (3)
English Literature		ENG 100 level elective (3)
Foreign Languages:		
French Language:	Level 1 score = 50	FRE 101, 102 (8)
	Level 2 score = 62	FRE 200, 201 (14)
German Language:	Level 1 score = 50	GER 101, 102 (8)
	Level 2 score = 63	GER 200,201 (14)
Spanish Language	Level 1 score = 50	SPA 101, 102 (8)
	Level 2 score = 63	SPA 200, 201 (14)

Level 1 is equivalent to the first two semesters of college level foreign language.
Level 2 is equivalent to the first four semesters of college level foreign language.

History and Social Sciences:	
American Government	POL 102 (3)
History of the United States I	HIS 2el (3)
History of the United States II	HIS 2el (3)
Human Growth and Development	PSY 220 (3)
Introduction to Educational Psychology	EDU 100 level elective (3)
Introductory Psychology	PSY 101 (3)
Introductory Sociology	SOC 101 (3)
Principles of Macroeconomics	ECN 201 (3)
Principles of Microeconomics	ECN 202 (3)
Social Sciences and History	General Elective (3) (not HIS/SOC/POL)
Western Civilization I	HIS 100 level elective (3)
Western Civilization II	HIS 100 level elective (3)
Science and Mathematics:	
Biology	BIO elective 100 level (3) – No lab credit
Calculus	MAT 230 (4)
Chemistry	CHE elective 100 level (6 hours) -No lab credit
College Algebra	MAT 140 (4)
College Mathematics	MAT Gen. Ed. (3)
Natural Sciences	SCI Elective 100 level (6) – No lab credit
Pre-calculus	MAT elective 100 level - (3) Math Gen. ed.
Business:	
Financial Accounting	ACC 210 (3)
Information Systems and Computer App.	MIS 101 (3)
Introductory Business Law	BUS 301 (3)
Principles of Management	BUS 250 (3)
Principles of Marketing	BUS 240 (3)

(BUS CLEP will not fulfill any major course requirements in the School of Business)

Cross-Discipline Academic Programs

Marian University offers various cross-discipline academic programs which provide a value-added experience for our students. These programs have specific requirements and are housed within the various schools of Marian University.

Participation in these programs is not restricted to specific academic majors. If you have questions not answered in the text, contact information is provided at the end of each program description.

Army Reserve Officer Training (ROTC)
Through a cooperative program with IUPUI, Marian University students may pursue the Reserve Officer Training Corps (ROTC) Program which leads to a commission in the U.S. Army, Army National Guard or Army Reserve. Marian University is a cross-enrolled school through the Army ROTC Program. All ROTC classes taken are applied as general electives to your Marian University academic record.

The leadership classes are open to all full-time students, without incurring any obligation to continue in the program or to enter military service. The first two years are exploratory in nature and offer one or two hours of academic credit per semester. Students who want to continue through the program and receive a commission upon graduation apply for admission into the advanced program at the end of the second year of ROTC. Selection is competitive. Marian University students who are eligible for scholarships can receive significant scholarship assistance by participating in this program. There are no restrictions on majors for students interested in ROTC. Students who do not continue may still use credits as electives earned toward any degree. For more information call 317.274.2691, e-mail goarmy@iupui.edu, or visit www.iupui.edu/~armyrotc.

Bishop Simon Bruté College Seminary
In 2004, the Bishop Simon Bruté College Seminary was established and named in honor of Bishop Simon Bruté, the first bishop of the Diocese of Vincennes. Bishop Bruté, a physician prior to his ordination to the priesthood and a theology professor and university president following ordination, was revered by early American church leaders for his holiness of life and his vast knowledge of theology.

The college seminary was established to provide students with a program of academic, human, cultural, and spiritual formation grounded in the study of philosophy and theology. While serving as ongoing formation for college men discerning priestly vocations, the seminary program also serves as a solid foundation for the major seminary experience following the completion of university work.

Seminarians ordinarily major in Catholic studies, a program of philosophy and theology courses that is designed to help students prepare for major seminary. The philosophy and theology faculty at Marian University work hard to meet the individual needs of college students. Seminarians also take a wide range of other courses required to receive a Marian University degree; however, it is possible for students to major in other fields of study in addition to the Catholic studies major.

The Bishop Simon Bruté College Seminary works in collaboration with Marian University to protect and develop the seeds of a priestly vocation, so that the students may more easily recognize it and be in a better position to respond to it. As such, the program inspires seminarians to:

- cultivate a life of prayer centered upon the Eucharist.
- live and proclaim the gospel of Jesus Christ through their words and actions.
- honor Mary, the mother and model of the Church, living a life of virtue, love, and obedience based upon her example and guidance.
- develop an understanding of the teachings of the Catholic Church and a commitment to live according to these teachings.
- foster a deep respect for the human dignity of all people along with the human skills and sensitivity necessary for effective pastoral ministry.

Once admitted to the Bishop Simon Bruté College Seminary, all seminarians live together as a community in the seminary located on Cold Spring Road, one mile south of Marian University. This community participates in ongoing formation, daily celebration of the Eucharist, and praying the Liturgy of the Hours together each day. Some of the seminary formation activities include opportunities to participate in Eucharistic adoration three times each week, weekly formation conferences, ministry opportunities, individual spiritual direction, days of recollection, and an annual retreat. A wide range of other activities are offered to enhance the human, spiritual, and cultural formation journey of these men as they discern their vocations.

Students in the Bishop Simon Bruté College Seminary are an important part of the Marian University community. Most seminarians take part in intramural sports or various other clubs and organizations on campus, and all are encouraged to be involved in campus life. Students attend class with other Marian University students and eat their meals in the campus dining hall. While seminarians are expected to make their commitment to formation activities and academic coursework their top priorities, there is generally ample time to take part in the many exciting activities offered on campus.

Requirements
To be admitted to the Bishop Simon Bruté College Seminary, the following criteria must be met:

1. You must be a practicing Catholic who is discerning a vocational call to the priesthood.
2. You must have received a high school diploma and be admitted to Marian University as a student.
3. You must be affiliated as a seminarian with a Catholic diocese or in the process of seeking affiliation with a diocese.

Pending approval from the seminary rector, students may apply to live in the formation house on a trial basis for one semester. During that semester the student is expected to participate in all formation house activities while discerning the possibility of affiliating with his diocese. By the end of the semester, the student must begin the process of affiliation with his diocese if they wish to continue participation in the house of formation.

For more information on this special program, contact the seminary rector, Father Joseph B. Moriarty, at 317.942.4100 or by e-mail at jmoriarty@archindy.org, or visit the web site at www.archindy.org/bsb.

Co-ops, Internships, and Practica
Marian University offers a variety of experiential programs to undergraduate students. Co-ops, internships, and practica are designed to enrich and supplement the student's academic program with practical experiences in the field. Depending on the program, placements may be paid or unpaid positions. Students can earn a varying number of credits; see each academic department for 160, 260, 360, or 460 course listings. For more information, contact the Director of The Exchange at 317.955.6341 or visit our web site at http://www.marian.edu/exchange.

Engineering
In collaboration with the Purdue School of Engineering and Technology at Indianapolis, Marian University offers a dual degree program in engineering. In this program, students enroll at Marian University and earn a Bachelor of Science degree from Marian University and at the same time earn a Bachelor of Science in Engineering degree from IUPUI. Thus, completion of this program results in a degree from both institutions. All the general education, basic science, and some of the engineering courses are taken at Marian University. The specialty engineering courses are taken at IUPUI. Marian University offers offer six dual degrees: computer engineering (B.S.C.E.), electrical engineering (B.S.E.E.), energy engineering (B.S.E.En.), mechanical engineering (B.S.M.E.), motorsports engineering (B.S.MST.), and biomedical engineering (B.S.B.M.E.). These dual degree programs are designed to be completed over a five-year period. For more information, contact Dr. Jeffrey Carvell at 317.955.6504 or jcarvell@marian.edu.

Gender Studies
Gender Studies is an interdisciplinary field of study that focuses on the development of heterogeneous and variegated interactions of gender with race, class, sexual orientation, religion and nationality. The Gender Studies minor provides students with the opportunity to examine constructed ideas of what it means to be "female" or "male" across cultures, geographical spaces, historical periods and disciplinary boundaries. Students gain a comprehensive knowledge of the power relations and structures of inequality created by constructs of gender, sex and sexuality – in the world and as reflected in literature, historiography, the social and political sciences, and theology, among other disciplines.

For more information, contact Diane Prenatt, Ph. D., at 317.955.6395 or at prenattd@marian.edu, or Vickie Carson, Centers assistant at 317.955.6132 or vcarson@marian.edu.

Global Studies
The primary curricular component of the Richard Lugar Franciscan Center for Global Studies (LFCGS) is the minor in global studies. The minor represents a holistic, interdisciplinary program of academic coursework and experiential learning, one which stresses language skills, international travel and study, specialized courses, and direct contact with globally focused people and organizations. Global studies students attend and participate in LFCGS public events, and meet with speakers and visiting experts on global issues. The global studies minor enables students to address a wide variety of global issues in an ethically conscious manner, and makes a powerful addition to any major in the liberal arts or professional studies.

For information regarding specific courses and requirements to complete the global studies minor, or to apply for a Global Studies Scholarship, see the web site at http://marian.edu/lfcgs or contact the LFCGS director, Pierre Atlas, Ph.D., at 317.955.6336 or at patlas@marian.edu, or Vickie Carson, Centers Assistant at 317.955.6132 or vcarson@marian.edu.

Honors Program
Honors Academy: The Honors Academy is a distinguished living & learning community of undergraduate scholars devoted to inquiry, discovery, innovation and the life of the engaged mind. The Academy advances scholarly leadership and achievement through a unique cohort of cornerstone-to-capstone experiences from deep-learning and international immersion to civic service and creative research.

Honors promotes Marian's mission of providing an education distinguished in its ability to prepare transformative leaders for service to the world. Honors students live the mission by excelling in all honors courses and initiatives, and maintaining a 3.3 cumulative GPA. They graduate with honor as distinguished Marian University Honors Academy Scholars pledged to a life of leadership in learning.

The Faculty Honors Committee awards entrance to 15 outstanding candidates per year. High school seniors with a 3.75 GPA and 1270 SAT are invited to apply. Language placement tests determine foreign language proficiency for Honors language requirements. Honors freshmen are provided preferred housing in the Academy's living-learning residence hall. The student President of the Academy assigns them peer mentors, and the faculty Director serves as co-advisor with their major academic advisors though their four-year collegiate careers.

The Marian Honors Academy is a member of the National Collegiate Honors Council, and the Honors Programs & Colleges branch of the Association of Catholic Colleges and Universities.

Required Courses:
<u>Freshman</u>
Honors First-Year Seminar, 4 Honors general education courses: 15 credit hours:
- FYS H10 Honors First-Year Seminar (fall)
- COM H01 Honors Public Speaking (fall)
- THL H05 Honors Introduction to Theology (fall)
- HIS H02 Honors History of the Modern World (spring)

PHL H30 Honors Human Nature and Person (spring)

Sophomore
Honors humanities course: 3 credit hours:
Honors HUM 210

Junior
Honors themed year, 2 seminars, 1 study abroad: 9 credit hours:
HON 380 Special Topic seminar I (fall)
HON 380 Special Topic seminar II (spring)
HON 380 Study Abroad, fulfills general education cross-cultural requirement (summer, 3 weeks)

Senior
Honors capstone research project: 3 credit hours:
HON 399 Honors Research (fall or spring)
Seniors present research at the Honors Undergraduate Research Symposium.

Language Requirements
Honors students take Foreign Language courses through the 201 level.
Language placement testing determines proficiency level and required course enrollment.

Students in the Honors Academy will be offered preferred registration, housing opportunities with other Honors students, peer mentoring, on and off campus events, and a student abroad experience.

For more information, contact the Honors Academy director, James Norton, Ph. D., at 317.955.6396 or at jnorton@marian.edu, or Vickie Carson, Centers assistant at 317.955.6132 or vcarson@marian.edu.

Interdisciplinary Programs
Classics Minor: 18 credit hours (6 courses) chosen from any six of the following: LAT 200, LAT 201, THL 129, THL 130, ARH 330, ENG 319, PHL 203.

For more information on the minor in classics, contact Wendy Westphal, at 317.955.6026 or wwestphal@marian.edu.

Medical Humanities: 18 credit hours (6 courses) to include ENG 323, PHL 325 or THL 316, and 12 additional credit hours to be selected from ENG 354, PHL 325, PSY 230, 330, 335, SOC 335, 377, and THL 316.

For more information on medical humanities, contact Diane Prenatt, at 317.955.6395 or prenattd@marian.edu.

Peace and Justice Studies
Peace and Justice Studies integrates academic studies, spiritual and personal reflection, and community involvement to promote peace and justice on campus, in our neighborhood, country, and world. The program provides students with opportunities to explore and live the Franciscan values of the Marian University and to consider the essential contribution of faith as it informs action and scholarship towards peace and justice. The main components of the Peace and Justice Studies program are:

- Peace and Justice Studies minor (see College of Arts and Sciences for details)
- The Dorothy Day House for Peace and Justice and Peter Maurin House for Peace and Justice
- Immersion trips, experiential learning opportunities, and internships

For more information regarding specific courses and requirements to complete the peace and justice studies minor, contact the program director, Donna Proctor at dproctor@marian.edu or 317.955.6780, or Vickie Carson, Centers assistant at 317.955.6132 or vcarson@marian.edu.

Prelaw Studies
Prelaw Studies is designed to assist students in developing the basic skills, values, and bodies of knowledge relevant to success in law school and the practice of law. The program is also designed to help students reflect on law as a career and the different career paths within the legal profession. The main aspects of Prelaw Studies are the prelaw concentration, the Prelaw Society, the Mock Trial Competition, and the Prelaw Mentor Program.

The American Bar Association does not recommend any particular group of undergraduate majors or courses in preparation for law school. However, the ABA does recommend that students preparing for law school concentrate on developing certain skills, values, and bodies of knowledge that will provide students with a solid foundation for law school and the practice of law. The prelaw concentration is designed with these recommendations in mind. The prelaw concentration consists of courses that the student may complete while majoring in any area of study.

The Prelaw Society is a student organization for students interested in pursuing a legal career. The society conducts activities related to law school preparation and helps students make informed decisions about career opportunities within the legal profession.

Mock Trial is an exciting intercollegiate competition conducted under the auspices of the American Mock Trial Association. Mock Trial is designed to give undergraduate students an opportunity to learn first-hand about the work of trial attorneys, understand the judicial system, develop critical thinking, and enhance communication skills. Prelaw students at Marian University are invited to participate in the Marian University mock trial team. By participating, students may earn enhancement credits toward graduation by enrolling in LAW 101 and LAW 102.

The purpose of the Prelaw Mentor Program is to give students an opportunity to meet and discuss law as a potential career path with local attorneys, judges, and officials in the legal system and public office of the bar. Prelaw students meet with mentors to discuss the mentor's own experiences as an attorney, including what aspects of the practice of law they like or dislike, how they discovered and developed the specific career path they have taken in the profession, and what they might do differently looking back from their current perspective. In addition, the student has an opportunity to discuss with the mentor the student's own concerns and thoughts about pursuing a career in the legal profession.

For more information regarding specific courses and requirements to complete the prelaw concentration, contact Johnny Goldfinger, Ph.D., Assistant Professor of Political Science, at 317.955.6569 or jgoldfinger@marian.edu, or Vickie Carson, Centers assistant, at vcarson@marian.edu.

Prerequisites: Professional Programs
Certain post-bachelor professional schools—dentistry, medicine, optometry, occupational and physical therapy, pharmacy, veterinary, etc.—require the student to complete prerequisites before being considered for admission. Students may select any academic major and must fulfill the prerequisites of the professional school to which they intend to apply. For more information, contact Steve Dougherty, M.S., at 317.955.6017, toll-free at 800.772.7264, or by e-mail at gdougher@marian.edu as early as possible.

"Rebuild My Church" and San Damiano Scholars
Nearly eight centuries ago in the Italian town of Assisi, 80 miles north of Rome, a young man named Francis prayed in the crumbling little church of San Damiano. As Francis knelt before the crucifix, he heard Christ speak: "Francis, go and rebuild my church, which is falling down." Soon, Francis understood that the voice called him to rebuild not the physical structure, but the Church—the body of believers.

At Marian University, our mission is to be a "Catholic university dedicated to excellent teaching and learning in the Franciscan and liberal arts traditions." As Saint Francis was called to rebuild the church, so we believe that it is part of our responsibility to prepare students for ordained ministry or religious life, for lay leadership, and for careers pursued in light of the call to service from God.

In this spirit, we have established "Rebuild My Church," a multifaceted program that includes opportunities for, scholarships, coursework, guest speakers, pilgrimages, community service opportunities, internships, retreats, and more. This program is designed to help everyone at Marian University explore their faith; their relationship with God, others and themselves; and their calling in life. This becomes the foundation from which we can explore the stewardship of our gifts.

With generous support from Lilly Endowment Inc. and others, Marian University provides a unique educational experience to three groups of students, depending on their aspirations for the future.

The first group includes all of Marian University's more than 3,000 students, who are reached by the program through coursework, guest speakers, special retreats, and community service opportunities. The broader program affords all students, regardless of religious affiliation, the opportunity to explore their faith and the direction of their lives.

A second group consists of students interested in church-related employment or service to their church in a significant volunteer capacity. For example, students could be embarking on courses of study in pastoral leadership, religious education, Catholic school education, religiously affiliated healthcare/nursing, or parish/church business management. Also, students pursuing other major areas of study, such as psychology or music with a minor in pastoral leadership are included in this group.

The third group comprises students considering service to the church through ordained ministry or religious life. San Damiano Scholarships are available for students in the last two groups. Students working toward ordained ministry, religious life, or lay leadership positions in the church are eligible to become San Damiano Scholars. Students do not have to be Catholic to qualify to become a San Damiano Scholar: any student working toward a career in ministry or lay leadership in his or her church may apply. Each year, Marian University awards many scholarships to promising students who meet specific eligibility requirements and maintain high academic standards to continue in the program.

The San Damiano Scholars are student leaders on the Marian University campus. They have special opportunities to learn and apply the knowledge they acquire through outreach and service to others. Just as important, the broad scope of the "Rebuild My Church" program assures that the educational experience of San Damiano Scholars relates to the educational experience of the rest of the university community. Students chosen as San Damiano Scholars lead a rich and diverse life at Marian University.

For further information, visit http://www.marian.edu/rmc or contact Mark Erdosy, M.T.S., at 317.955.6783 or by e-mail at merdosy@marian.edu.

Study Abroad

Marian University values study abroad as a unique learning experience to further understanding and appreciation of other cultures and means of expression, in addition to our own. The study abroad office provides a resource to assist students in their search for programs suitable to their interests and objectives. Programs, with academic credit, range in length from a few weeks to a summer, semester, or year abroad. They offer a variety of possibilities; university classroom, field studies in ecology, internships with local organizations, and more. The study abroad director advises students as to approved programs around the world, their requirements and language of instruction, accommodations, and other variables.

Initial advising for the study abroad experience is coordinated by the director of study abroad. Planning should begin 12 months prior to the expected date of departure or six months before a summer experience. The process includes a review of the proposed program and recommendation by the major department.

Short-term programs:
Spring break: A one-week mission outreach program led by Marian University faculty. It is usually an extension of a course in the regular curriculum.
Maymester: A two to three week study tour led by Marian University faculty. The title of the course and locations are announced early in the fall semester. With the approval of the departmental advisor, students may complete this three-hour course in the major or minor field as HON 380, ISP 380, or 380 in the discipline designated for the specific course. Credit for study is applicable toward graduation requirements with the recommendation of the Academic Policies Committee.

Affiliated program:
By partnership or affiliation, Marian University has opportunities for summer, semester, or yearlong programs with Brethren Colleges Abroad at various locations; at Harlaxton College in Grantham, England; and at Salzburg College in Salzburg, Austria.

To learn more about Study Abroad, contact Wendy Westphal, Ph.D. at wwestphal@marian.edu, or 317.955.6429, or visit the web site at http://www.marian.edu/academics/school-of-liberal-arts/programs/study-abroad.

College of Arts and Sciences

The College of Arts and Sciences advances the mission of Marian University by providing and excellent education that profoundly transforms lives, society, and the world. As the core of the university curriculum, these departments proved rich opportunities to develop multidimensional critical thinking, life-long learning, and gain the qualitative and quantitative skills needed to thrive in contemporary situations. The College's eleven departments offer Bachelor of Arts and Bachelor of Science degrees in a total of 28 bachelor programs, as well as 24 minors, and 25 areas of concentration. In addition, the University offers the necessary requisites for progress to careers in legal and medical professions as well as further study in graduate programs.

Teaching requirements: High school licensure is available in art, biology, chemistry, English, French, German, mathematics, music, and Spanish. With expanded coursework, a license to teach high school social studies can be earned by history, political science, psychology, and sociology majors. Students who wish to teach in a content area must meet all requirements for the chosen field as well as meet the Educators College License requirements. Contact the Educators College for licensing program descriptions and specifiers for any licensure area. All courses are subject to change based upon current requirements of the Division of Professional Standards, Indiana Department of Education.

BIOLOGY (BIO)

For more information on biology programs, contact Kim Vogt, Ph.D. at 317.955.6435 or by email at kvogt@marian.edu or mathandscience@marian.edu.

Major for Bachelor of Arts Degree (B.A.) in Biology: To earn a B.A. degree in biology, a student must take 47 credit hours in mathematics and sciences including: (1) 202, 203, 204, 205, 291, 490, and 491; and (2) at least 12 credit hours in biology above 200 with at least 6 credits at 300 or above. Students may apply a maximum of 3 total credits of experiential learning in BIO 360, 361, 362, 398, 460 or 498 to these credits. (3) CHE 151 and 152; and (4) PHY 110 and 111. Biology majors must earn a "C" or better in all biology courses that fulfill biology major requirements. Students who have not previously completed all the prerequisites for these courses will be expected to take those prerequisites before beginning the required courses.

Major for Bachelor of Science Degree (B.S.) in Biology: To earn a B.S. degree in biology, a student must take 60 credit hours in mathematics and sciences including: (1) 202, 203, 204, 205, 291, 490 and 491; and (2) at least 12 credit hours in biology above 200 with at least 6 credits at 300 or above. Students may apply a maximum of 3 total credits of experiential learning in BIO 360, 361, 362, 398, 460 or 498 to these credits. (3) CHE 151, 152, 305, and 306; (4) MAT 215 or above; and (5) PHY 110 and 111. The 60 credit hours in mathematics and sciences must be selected from CHE, MAT, ENV, PHY, SCI, BIO at 100 level or above, and may apply a maximum of 6 combined credit hours of experiential learning in BIO 360, 361, 362, 398, 460 or 498 to these credits. Biology majors must earn a "C" or better in all biology courses that fulfill biology major requirements. Students who have not previously completed all the prerequisites for these courses will be expected to take those prerequisites before beginning the required courses.

Concentrations in Biology: Depending on the courses selected, a student may earn either a Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) in Biology with the chosen concentration.

Concentration in Bioinformatics: 415, 440, CHE 311, CHE 312, MAT 231, and MAT 310. The student must also take at least 6 credit hours from: 410, 498, CHE 498, MAT 305, and MAT 315.

Concentration in Cell and Molecular Biology: 410, 415, CHE 311, CHE 312 and one of the following: BIO 398, 498, 360, or 460. The student must also take at least one course from: 340, 345, or 440.

Concentration in Ecology and Environmental Science: 17 credit hours from 228, 260, 265, 320, 321, 323, 327, 355, 361, 362, 372, 373, 374, 398, 460, 462, 463, 498; CHE 270, 315, 420; ECN 310 and SOC 255. Students completing this concentration may substitute CHE 270 for CHE 306 to partially fulfill the chemistry requirements for the B.S. Biology degree. If this substitution is made, CHE 270 does not count toward the required credits for the concentration.

Concentration in Exercise Physiology: BIO 251, BIO 252, one (but not both) of BIO 226 and BIO 334, and BIO 434. The student must also take either CHE 311-312 or can substitute this by taking at least 8 credit hours from: BIO 398, BIO 498, BIO 499, ESS 355, and NUR 238.

Concentration in Pre-Medicine: 23 credit hours including BIO 214, 334, 345, CHE 311, 312, and THL 316. The following courses are strongly recommended: BIO 225, 330, 346, 410, and 415. Other recommended courses include: 216, 280/380/480, 340, 374, 440, 498, 499, NSG 251, NSG 211, PSY 220, PSY 330, and PSY 350.

Major for Bachelor of Science (B.S.) Degree in Clinical Laboratory Science: The B.S. Degree in Clinical Laboratory Science leads to eligibility for certification as a Clinical Laboratory Scientist, CLS (Medical Laboratory Scientist, MLS; Medical Technologist, MT). The degree program is defined as a 3 + 1. That is, the first three years (96 credits) are based on the University's degree program in general education and basic science requirements. The fourth year (at least 32 credits of 400-level courses) is spent in a 12-month program at a center accredited by the American Medical Association, and approved by Marian University. Presently, the University has affiliation agreements with St. Francis Hospital in Indianapolis and IU Health Methodist Hospital in Indianapolis.

The B.S. Degree in Clinical Laboratory Science requires 21 credit hours of biology courses, which includes BIO 203, 214 (or 340), 225, 226, and 345; 16 credit hours of chemistry including CHE 151 and CHE 152 (or the equivalent), CHE 305 and CHE 306; one semester of mathematics (MAT 140 or higher); and the full year internship of at least 32 credits which apply to the major. Acceptance into a hospital internship is dependent upon many factors, including grades, interviews, and letters of recommendation.

Upon the satisfactory completion of all requirements at the University and the hospital, the student is eligible for the B.S. Degree in Clinical Laboratory Science. In addition, after successfully passing an examination given by the Registry of Medical Technologists of the American Society of Clinical Pathologists, the student becomes a registered CLS (MLS, MT).

Minor in Biology: 20 credits in biology at or above 202. A maximum of 3 combined credits from 360, 361, 362, 398, 460, or 498 may be applied to the 20 credit hours of biology required to fulfill the minor.

CHEMISTRY (CHE)

For more information on chemistry degrees, contact Carl Lecher, Ph.D., at 317.955.6005, or by e-mail at clecher@marian.edu or mathandscience@marian.edu.

A student wishing to major in chemistry may choose from one of the options below.

Major for Bachelor of Arts Degree (B.A.) in Chemistry: 34 credits in chemistry at or above 151 including 151, 152, 300, 305, 325, 490. Also required are MAT 230 and MAT 231 and either PHY 110-111 or PHY 201-202. All students must successfully pass the Major Field Test in chemistry.

Major for Bachelor of Science Degree (B.S.) in Chemistry: 60 credits in the sciences including 151, 152, 300, 305, 306, 325, 326, 430, 490, together with either 360 or 2 credits of 498. Also required are MAT 230 and 231 and either PHY 110-111 or PHY 201-202. The remaining courses are chosen from chemistry at or above 151, biology courses numbered 201 and above, physics courses numbered 201 and above, engineering courses numbered EGR 200 and above, and mathematics courses above 231. All students must successfully pass the Major Field Test in chemistry.

Major for Bachelor of Science Degree (B.S.) in Chemistry with a concentration: 60 credits in the sciences including 151, 152, 300, 305, 325, and 490, together with either 360 or 2 credits of 498. Also required are MAT 230 and 231. Students must also complete the requirements within one area of a chemistry concentration. All students must successfully pass the Major Field Test in chemistry.

Concentration in Bio-Organic Chemistry: In addition to the requirements stated above, the required courses are 306, 311, 312, 410, BIO 203 and 204, either PHY 110-111 or PHY 201-202, and at least 2 additional credits of chemistry above 151.

Concentration in Chemical Physics: In addition to the requirements stated above, the required courses are 326, 425, MAT 310, PHY 201, 202, 212 and at least 11 credits of concentration electives from the following set: 380/480, 420, (repeat), 430, 435, 498 (credits beyond those previously required above), 499, physics courses numbered 212 and above, and mathematics courses 305 and above.

Concentration in Environmental Science: In addition to the requirements stated above, the required courses are ENV 170/171, either PHY 110-111 or PHY 201-202, three courses from the following set (CHE 270, 306, 315, 420), and two courses from the following set (BIO 228, 265, 321, 327, 329, 355, 463). Concentration electives may be substituted with departmental permission.

Minor: 20 credits in chemistry at or above 151 including 300 and 305.

Placement testing: Most science students will take CHE 151 and 152; however, well-prepared students may be able to place into 300-level CHE courses. Students who place into a 300 level CHE course, and complete that course with a "C" or better, will also receive credit for CHE 151 and 152.

COMMUNICATION (COM)

For more information on the communication program, contact George LaMaster, Ph.D., by e-mail at george@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6215.

Major for Bachelor of Arts Degree (B.A.) in Communication: 36 credit hours, excluding COM 101, and including 190, 210, 221, 223, 239, 310, 331, 333, 365, 367, 490, and one of the following: 352, 354, or 380.

Minor: 18 credit hours of COM classes, including COM 101.

ENGLISH (ENG)

For more information on the English program, contact James Norton, Ph.D., by e-mail at jhorton@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6396.

Major for Bachelor of Arts Degree (B.A.) in English: 37 credits, excluding ENG 101 and 112, and including 120, 214, 215,222,223, 250; 302 or 304; one course from 315,316,317; 325 or 330; 490; and, one of the following two tracks: Literature Studies: one course from 332, 333, 334, or 335; and six credits of English electives. Teaching of English: L20 (1 credit), 209, 303, and 347

Minor in English: 18 credits, excluding ENG 101 and 115, and including at least six credits of 300 and/or 400-level English courses.

Minor in English as a Second Language: 21 credits, including ENG 304, 307, 360 or 460, and one three-credit elective to be determined in consultation with advisor. Also required: EDU 318/518, 328, and 358. EDU 514 can replace 518 only for Masters of Arts in Teaching students.

Concentration in Writing: 18 credits including ENG 302, 360, and 3 credits of L40 in the final stages of portfolio preparation, and the remaining credits chosen from ENG 109, 204, 206, 239, 255, 303, 309, 322, 367, 370, or 470, COM 365, and/or other writing intensive courses with the approval of full time writing faculty. Also requires successful portfolio review.

FRENCH (FRE)

For more information on the French program, contact Wendy Westphal, Ph.D. by email at wwesthal@marian.edu or by phone at 317.955.6429.

Minor: 18 credits above the 100 level to be determined in consultation with the advisor.

GENDER STUDIES PROGRAM (GST)

For more information on the gender studies program, contact Diane Prenatt, Ph.D., by e-mail at prenattd@marian.edu or by phone at 317.955.6395.

Minor: 18 credits including GST 200, 210, and 490, and nine additional credits of 300-level GST courses.

GERMAN (GER)

For more information on the German minor, contact Wendy Westphal, Ph.D. by e-mail at wwestphal@marian.edu or by phone at 317.955.6429.

Minor: 18 credits above the 100-level to be determined in consultation with the advisor.

GLOBAL STUDIES PROGRAM (GLS)

For more information on the global studies program, contact Pierre Atlas, Ph.D., by e-mail at patlas@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6336.

Minor: 18 credits including GLS 101, two 300-level global issues courses, six additional credits of foreign language study in one language, and a minimum of three credits of approved study abroad experience. EDU 318 may be used as one of the required global issues courses by education majors enrolled in the global studies program.

HISTORY (HIS)

For more information on the history program, contact Bessie Rigakos, Ph.D., by e-mail at brigakos@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6143.

Major for Bachelor of Arts Degree (B.A.) in History: 36 credits including HIS 102, 207, 217, 299, 301, 490, and at least 9 hours in each of the following areas: European history (334, 336, 337, 338, 341, 351, 420, 430, 440) and American history (302, 343, 345, 346, 348, 371, 444, 470). All students must successfully complete a senior comprehensive examination.

Minor: 18 credits including HIS 102, 207, 217, and 299.

HONORS PROGRAM (HON)

For specific information on this challenging program, read about the Honors Program in the section on Cross Discipline Academic Programs.

INTERDISCIPLINARY PROGRAMS
For available programs see page 52.

MATHEMATICS (MAT)

For more information on mathematics programs, contact Sr. Monica Zore, OSF, at 317.955.6380 or by e-mail at smz@marian.edu or mathandscience@marian.edu.

Major for Bachelor of Arts Degree (B.A.) in Mathematics: 44 credits. 33 credits in mathematics including 230, 231, 250, 305, 310, 490, one of 409 or 440, one of 315 or 322, and 6 additional credits at or above 230. Also required are CST 170, and two science courses, one of which must be a laboratory course, chosen from BIO 202 or above, CHE 151 or above, ENV 170 or above, or PHY 110 or above. A grade of "B-"or better in 231 or approval of a mathematics advisor is required in order to continue in the program.

Major for Bachelor of Science Degree (B.S.) in Mathematics: 60 credits. At least 42 of the 60 credits must be in mathematics, including 230, 231, 250, 305, 310, 409, 440, 450, 490, and at least 12 additional credits at the 300 level or above. Also required are CST 170 and 270. The remaining 10 credits are chosen from the following: MAT 300 or above, CST 200 or above, BIO 202 or above, CHE 151 or above, PHY 201 or above, and FIN 311 or above. A grade of "B-" or better in 231 or approval of a mathematics advisor is required in order to continue in the program.

Major for Bachelor of Science Degree (B.S.) in Mathematics with a Concentration: 60 credits including MAT 230, 231, 250, 305, 310, 322, 323, 490, and CST 170.

Students must also complete the requirements of one of the following mathematics concentrations: Actuarial Science, Applied Computer Science, Applied Mathematics, or Statistics. A grade of "B-"or better in 231 or approval of a mathematics advisor is required in order to continue in the program.

Concentration in Actuarial Science: In addition to the requirements stated above, the following courses are also required: MAT 370, 422, 423, ACC 250, and at least two courses from MAT 350; CST 270 or above; ECN 201, ECN 202; MIS 310, and MIS 320. A mathematics advisor must approve the remaining credits.

Concentration in Applied Computer Science: In addition to the requirements stated above, the following courses are also required: MAT 350, 409; CST 270, CST 340, CST 371, and CST 440. The remaining credits are chosen from the following: MAT 300 or above, CST 200 or above, BIO 202 or above, CHE 151 or above, PHY 201 or above, ECN 301 or above, and FIN 311 or above.

Concentration in Applied Mathematics: In addition to the requirements stated above, the following courses are also required: MAT 211, 315, 350, 425, 450, CST 270, PHY 201, and PHY 202. The remaining credits are chosen from the following: MAT 300 or above, CST 200 or above, BIO 202 or above, CHE 151 or above, PHY above 202, ECN 301 or above, FIN 311 or above, and engineering courses for DDEP students.

Concentration in Statistics: In addition to the requirements stated above, the following courses are also required: MAT 422, 423, CST 270, and at least 9 additional MAT credits at the 300-level or above. The remaining credits are chosen from the following: MAT 300 or above, CST 200 or above, BIO 202 or above, CHE 151 or above, PHY 201 or above, ECN 301 or above, and FIN 311 or above.

Minor in Mathematics: 18 credits at or above 230, including 230, 231, and 310. A grade of "C" or better in 231 is required in order to continue in the program.

Secondary Education Teaching Requirements: Students who wish to teach in this content area are required to major in mathematics and complete 322 and 330. They also major in secondary education. Consult the School of Education for description of courses required.

MUSIC (MUS)

For more information on music programs, contact James Larner, Ph.D., by e-mail at jlarner@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6109.

Music majors and minors are required to abide by the Music Department Handbook guidelines. Students must achieve a minimum grade of "C" in every course required for the major or minor.

Major for Bachelor of Arts Degree (B.A.) in Instrumental Music: 37.5 credits including: .5 credit each of MUL 125, 126, 225; MUS 125, 126, 251, 325, 326, 330, 348, 349, 490, 8 credits of private lessons on the major instrument and 4 credits in the major ensemble.

Major for Bachelor of Arts Degree (B.A.) in Instrumental Music Education: 77 credits including: EDU 122, 230, 318, 322, 327, 353, 446, 473, 491; .5 credit each of MUL 125, 126, 225; MUS 125, 126, 251, 325, 328, 330, 331, 340, 342, 344, 346, 348, 349, 430, 490, seven credits of private lessons on the major instrument and 3.5 credits in the major ensemble. **Teaching requirements:** Students who wish to teach in this content area must meet all requirements for the major field, and also meet the School of Education's developmental licensing requirements. Contact the School of Education for high school licensing program descriptions and specifics for each licensure area. All courses are subject to change based upon current requirements from the Division of Professional Standards, Indiana Department of Education.

Major for Bachelors of Arts Degree (B.A.) in Pastoral Music Ministry: 47 credits. An undergraduate degree program that will prepare students for careers in pastoral music ministry in schools, parishes, and higher education, this program combines a music major curriculum with a strong theology and ministry component. The following courses are required: MUS 125, 126, 257, 330, 357, 430, 490, THL 105, 170, 226, 228, 236, and a minimum of six credits in voice and piano, eight semesters in a vocal ensemble at .5 credit per semester, and two years mentoring (total 1 credit) and internship (total 2 credits).

Major for Bachelor of Arts Degree (B.A.) in Vocal Music: 43.5 credits including: .5 credit each of MUL 125, 126, 225; MUS 125, 126, 226, 227, 228, 251, 325, 326, 330, 348, 349, 490, 8 credits of private lessons in voice and 4 credits in the major ensemble.

Major for Bachelor of Arts Degree (B.A.) in Vocal Music Education: 73 credits including: EDU 122, 230, 318, 322, 327, 353, 446, 473, 491; .5 credit each of MUL 125, 126, 225; MUS 125, 126, 226, 227, 251, 325, 328, 330, 340, 348, 349, 430, 490, seven credits of private lessons in voice and 3.5 credits in the major ensemble. **Teaching requirements:** Students who wish to teach in this content area must meet all requirements for the major field, and also meet the School of Education's developmental licensing requirements. Contact the School of Education for high school licensing program descriptions and specifics for each licensure area. All courses are subject to change based upon current requirements from the Division of Professional Standards, Indiana Department of Education.

NOTE: In addition to the above, all music majors must participate in at least one of the musical organizations each semester, earning a minimum of eight credits toward degree requirements. These credits are in addition to the total required for the major. All music majors must attend on-campus recitals, off-campus musical performances, successfully complete a Keyboard Proficiency Exam, and give a junior and senior recital.

Each incoming freshman or transfer student is considered a pre-music major. Upon successful completion of the required Fourth Semester Qualifying Exam, the student is formally accepted as a music major and proceeds with upper division courses and recitals. For transfer students, this exam is administered at a time deemed appropriate by the faculty.

Minor: 24 credits including MUS 125, 126, 330, 348, 349; six credits of applied music; eight semesters of participation in a musical organization at .5 credit per semester, and recital attendance each semester as stipulated by the Music Department Handbook. Students must achieve a minimum grade of "C" in every course required for the major or minor.

Musical organizations
Non-music majors are welcome to participate in the musical organizations for credit or on a non-credit basis. Tuition and fees are assessed the same in either case. A combined total of 12 credits accumulated in these organizations and activity courses may be included in the 128 required degree credits.

APPLIED MUSIC
Students may enroll in individual instruction in music at the 100, 200, or 300 level. Individual instruction is offered every semester. A fee per credit is charged for all degree seeking students. Non-matriculated students and students who are enrolled for no credit are charged a single fee. See the semester course schedule for offerings and fees.

Each private lesson takes place at an arranged time between the student and the professor. Therefore, all private students are required to sign up for a lesson time in the Music Building *prior* to the beginning of each semester. A schedule is posted on each professor's door.

100 level is for non-majors or majors and minors studying a secondary instrument. 200 level is for beginning majors and minors. 300 and 400 levels are for advanced majors and minors preparing for a recital. Instructor permission is required.

For all levels of instruction, each .5 credit course requires one half-hour private lesson per week, and each one credit course requires one hour private lesson per week.

PEACE AND JUSTICE STUDIES

This minor is interdisciplinary, drawing from courses across the curriculum. Students explore theories of peace and justice, examine and analyze the economic, social, and political causes of injustice, and consider ways to create peace through structural justice. In addition students learn how academic institutions and research methods can be used in the service of peace and justice in our communities and globally.

For more information on the peace and justice studies program, contact Donna Proctor, by e-mail at dproctor@marian.edu or by phone at 317.955.6780.

Minor in Peace and Justice Studies: Minor in Peace and Justice Studies: 18 credits including SOC 145, and POL 155 and 12 credits selected from COM 201, 221, 333, 352; GST 200, 210; ENV 170, 171; PHL 215, 240; POL 353, 359; SOC 265, 270, 320, 325, 360, 370, SOC 375; SOC 305/GST 301; THL 321 or 322.

PHILOSOPHY (PHL)

For more information on the philosophy program, contact Andy Hohman, S.T.L., by e-mail at ahohman@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6113.

Major for Bachelor of Arts Degree (B.A.) in Philosophy: 36 credits including PHL 130,150,215, 240, 320, 330, and 490.

For a major in Catholic Studies with a concentration in philosophy or pre-theology, see Theology (THL) section.

Minor: 18 credits, including PHL 130.

Concentration in Ethics: 18 credits, including PHL 215, PHL 498, and THL 216 or 218, and the balance of additional credits chosen from the following set: BIO 321; PHL 115, PHL 315, PHL 240 or POL 230; PHL 325; BUS 401; NUR 310; POL 155 or SOC 145; THL 316, and 322.

PHYSICS (PHY)

For more information on the physics program contact Carl Lecher, Ph.D. at 317.955.6005 or by e-mail at clecher@marian.edu.

Minor in Physics: At least 20 credits in physics, including 212 and at least one course numbered 300 or higher.

POLITICAL SCIENCE (POL)

For more information on the political science program, contact Pierre Atlas, Ph.D., by e-mail at patlas@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6336.

Major for Bachelor of Arts Degree (B.A.) in Political Science: 33 credits including POL 102, 205, 301, 490; all three subfield core courses 210, 220, and 230; and any four additional political science courses, excluding 460. Political science majors must receive a grade of "C" or above for all political science courses required for the major.

Minor: 18 credits including POL 102.

PRELAW STUDIES (LAW)

For more information on prelaw studies, contact Johnny Goldfinger, by e-mail at jgoldfinger@marian.edu or by phone at 317.955.6569.

Concentration: 18 credits including LAW 300; COM 223; ENG 302; PHL 150; POL 102, and one course chosen from BUS 401; PHL 215, or SOC 145.

PSYCHOLOGICAL SCIENCE AND COUNSELING (PSY)

For more information on the psychology program, contact Laurel Camp, Ph.D., by e-mail at lcamp@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6075.

Students with a desire to graduate with a degree in psychology should seek the counsel of an academic advisor in the psychology department to clarify the department's requirements for graduation.

Major for Bachelor of Arts Degree (B.A.) in Psychology: A minimum of 35 credits including PSY 101, 205, 250, 300, 305, 325, 335, 345, 350, and 490; two credits of 360, 497, 498, or 499; and one additional elective. Psychology majors must receive a grade of "C" or higher in all psychology classes that fulfill department requirements.

Major for Bachelor of Science Degree (B.S.) in Psychology: A minimum of 60 credits in the sciences, including the same required courses for the bachelor of arts in psychology, plus 25 credits of courses in biology 150 or above, chemistry, mathematics 140 or above, physics, and psychology. No more than 9 elective PSY credits can count toward the additional 25 required credits.

Minor: 18 guided credits as appropriate to student's goals.

Concentration in Applied Psychology for Business:
18-19 credits including BUS 101, 209, PSY 310, and either PSY 497 and PSY 498 or 3 credits chosen from BUS 325, 360, PSY 360, 460. Non-majors must also take PSY 300 to complete this concentration.

Concentration in Clinical Psychology:
14-15 credits including PSY 220 or 365, 230, 330 or 373, 370, and 460. For psychology majors only.

Concentration in Latino Community Mental Health:
21 credits. A major or minor in Spanish is required. Required courses are SPA 213, SPA 335, PSY 367, with the remainder of credits coming from the Spanish major or minor. Students must earn a grade of C or better in the 3 required courses. Non-psychology majors must also take PSY 220, 230, and SOC 265. Other courses strongly recommended are PSY 330, 335, and 365.

Concentration in Social Work: 18 credits including PSY 220, SOC 265, SWK 270, 310, 350, and PSY/SOC 460. Students completing this concentration may substitute SWK 350 and PSY 230 for PSY 250 and 300 in the major. For psychology and sociology majors only. See sociology section for sociology major requirements.

Concentration in Sport Psychology:
13-14 credits including PSY 310, 340, 370, ESS 452/BIO 252, and PSY/ESS/COL 360. Non-majors who complete PSY 230 and 335, or receive permission, may also enroll in the sport psychology concentration.

PUBLIC HEALTH (PBH)

For more information on the public health major, contact Amber Nelson, by e-mail at anelson@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6228.

Major for Bachelor of Arts Degree (B.A.) in Public Health: 36 credits including PBH 201; PBH/BIO 301; PBH/SOC 460; PBH 490; SOC 205 or PSY 205 or BIO 205; SOC/GLS 377 and 18 additional credits from the three following categories; one course from SOC 305, 320, 325; one course from PSY 250, SOC 301 , SWK 350; and an additional 12 credits from COM 190, 365; GLS/PSY 367; PSY 330; SOC 255, 267, 370; THL 316. Public Health majors must receive a grade of "C" or higher in all courses that fulfill major requirements.

Major for Bachelor of Science Degree (B.S.) in Public Health: 48 credits including PBH 201; PBH/BIO 301; PBH/SOC 460; PBH 490; SOC 205 or PSY 205 or BIO 205; 3 credits from SOC 305, 320 and 325; 9 credits from the following: COM 190, 365; GLS/PSY 367; PSY 330; SOC 255, 267, 370; THL 316: plus 18 credits from the following: BIO 202, 214, 216, 265, 320, 321, 340, 345, CHE 270, 315, ENV 170, 171 , SOC 255 and an additional 12 credits in the math and sciences at 200 level or above. Public Health majors must receive a grade of "C" or higher in all courses that fulfill major requirements.

Minor in Public Health: 21 cred its including PBH 201, PSY 330 or SOC 255, PBH/BIO 301, SOC/GLS 377, PBH/SOC 460, plus an additional 6 credits from the COM 190, 365; GLS/PSY 367; PSY 330; SOC 255, 267, 370; THL 316.

SOCIOLOGY (SOC)

For more information on the sociology program, contact Bessie Rigakos, Ph.D., by e-mail at brigakos@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6143.

Major for Bachelor of Arts Degree (B.A.) in Sociology: 33 credits, excluding SOC 100 and including 101, 205, 301, 450, 451, and 490. A minimum grade of "C" is required for all sociology courses required for the major.

Minor: 18 credits, excluding SOC 100 and including 101.

SOCIAL WORK (SWK)

For more information on the social work program, contact Laurel Camp, Ph.D. by e-mail at lcamp@marian.edu or by phone at 317.955.6075 or Bessie Rigakos, Ph.D. by e-mail at brigakos@marian.edu or by phone at 317.955.6143. Concentration available to psychology or sociology majors only. See psychology or sociology section for requirements.

Concentration in Social Work: 18 credits including PSY 220; SOC 265; SWK 270, 310, 350, and PSY/SOC 460. Students completing this concentration may substitute SWK 350 for SOC 301 in the major. For psychology and sociology majors only.

SPANISH (SPA)

For more information on the Spanish program, contact Wendy Westphal, Ph.D. by e-mail at wwestphal@marian.edu, or liberalarts@marian.edu, or by phone at 317.955.6429.

Major for Bachelor of Arts Degree (B.A.) in Spanish: 33 credits required above the 100-level including SPA 200, 201, 220, 230, 310, 490, and 498. A minimum grade of "C" is required for all Spanish courses. Credits earned in an approved study abroad program may count toward a major. All majors must successfully pass a Spanish language proficiency exam given by Spanish faculty.

Minor: 18 credits required above the 100-level including 200, 201, and 310. Credits earned in an approved study abroad program count toward a minor.

THEATRE (THE)

For more information on the theatre program, contact Ben Tebbe, by e-mail at btebbe@marian.edu or by phone at 317.955.6236.

Minor in Theatre: 18 hours including THE 120, 130, 231, and nine credits of theatre electives, which must include a theatre history or literature course and at least 3 credits at the 300 level. Electives can be chosen from: THE 105, 110, 235, 245, 260, 320, 333, 334, 335, 353, 360, 380, 499; ART 201, 206; FRE 345; GER 345; MUS 200 or 268. A limit of 3 total credits from THE 105 may count for the minor.

THEOLOGY (THL)

For more information on theology programs, contact Matthew Sherman, Ph. D., by e-mail at msherman@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6114.

Major for Bachelor of Arts Degree (B.A.) in Theology: 36 credits required including THL 105, 205, 208 or 475, 216 or 218, 226, 228, 232 or 332, 236, 308, 490, and six hours of electives excluding 258, 460, and 463. PHL 350 is also required.

Major for Bachelor of Arts Degree (B.A.) in Catholic Studies Major with a concentration in:

Theology: 39 credits including THL 105, 218 or 322, 208, 226, 228, 232 or 236, 361 or elective, and 490. Also required are PHL 130, 350, three credits of electives in philosophy, and two Catholic studies courses seated in other disciplines.

Philosophy: 39 credits including PHL 130, 150 or 240 or 350, 203 or 205, 215, 320, 330, 349, 490; THL 105, 228, 232 or 332; and two Catholic studies courses seated in other disciplines.

Pre-Theology: 48 credits including PHL 130, 150, 203, 205, 215, 320, 330, 349, 350, 490; THL 103, 105, 216 or 218, 226 or 228; and two Catholic studies courses seated in other disciplines.

Major for Bachelor of Arts Degree (B.A.) in Pastoral Leadership: 39 credits including THL 105, 170, 205, 208, 216 or 218, 226, 228, 232, 236, 321 or 322, 361, 474, and 490. Also required are 24 credits of support courses comprised of nine credits from PSY 220, 230, and either 101 or 335 or 355; nine credits from SOC 101, 210, 265; PHL 130 and 350; and continuous mentoring and internship participation.

Major for Bachelor of Arts Degree (B.A.) in Religious Education: 40 credits of theology required including THL 105, 208, 216 or 218, 226, 228, 232, 236, 332, 355, 361, 460, 490, and electives; PHL 350; and professional education requirements SPD 230, EDU 446, 447, 453 and PSY 220. The Catholic Studies major with a concentration in theology may be substituted for the theology requirements.

Minor in Catholic Studies: 24 credits including THL 105 and PHL 130 taken at Marian University; two courses chosen from THL 103, 216 or 218 or 208, 232, 236, 322, 338, 381; two courses chosen from PHL 205, 215, 240, 350, 381; and two Catholic studies courses seated in other disciplines.

Minor in Pastoral Leadership: The minor can only be earned by following a program of study specifically approved by the Theology/Philosophy Department. Depending upon one's declared major, the minor will follow one of several tracks. 19 credits, including THL 100, NUR 335, or EDU 400; THL 105 or THL 105S; one course from THL 170, 361, 371, 474 or (with approval of THL/PHL chair) one from appropriate ARH, BIO, ENG, HIS, NSG, PSY, SOC, SPA; THL 270 (non San Damiano Scholars: another THL course identified by THL chair); one from THL 205, 208, 308, 106S; one from THL 226, 228 or NSG 417/419 or student teaching in a Catholic school; one from THL 236, 316, 321, 322, 327, PHL 325, or student teaching in a Catholic school.

Minor in Theology: 20 credits.

Certificate Program in Pastoral Leadership: 32 credits including THL 105, 170, 205, 208, 216 or 218, 228, 236, 361, 474, 490, and continuous mentoring and internship participation. *Note: Ordinarily, persons wishing to enter the certificate program already possess a bachelor degree.*

Catholic Educator Program (CEP): In collaboration with the Archdiocese of Indianapolis, Marian University offers CEP courses in order that teachers in Catholic schools might be first and foremost "witnesses of the faith." Ten credits are required including EDU 400; THL 104, 136, 142, 126, 128, 116, 114, and the remaining content of 361.

Persons entering the **Pastoral Leadership Program** may have certain national, ministry-specific, program certifications accepted as partial fulfillment of requirements. Contact department chairperson.

VISUAL AND CREATIVE ARTS (ART, ARH)

All visual and creative arts majors experience a set of core courses that provide the foundations of visual understanding and the creative impulse. The core courses include: ARH 240, ART 110, 120, and 255. VCA majors can then choose from three programs within the Department of Visual and Creative Arts. These three programs include: art history, graphic design, and studio art (with or without a concentration in art therapy).

For more information on the Department of Visual and Creative Arts, contact Kevin Rudynski, by e-mail at krudynski@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6381.

Major for Bachelor of Arts Degree (B.A.) in Visual and Creative Arts: 13-credit common core of ARH 240, ART 110, ART 120, ART 255 and a choice of one of the following programs: art history, graphic design, or studio art.

Program in Art History: 42 credits including the 13-credit common core. Additional requirements include: ARH 247, three credits of ARH 490, ART 201, 206, 221, and 490; 12 credits selected from ARH 330, 335, 337, 342, 343, 344, 346, 347, 357, or 380. The required studio art courses, ART 201, 206, and 221, may also be counted toward a minor in studio art.

Program in Graphic Design: 46 credits including the 13-credit common core. Additional requirements include: ART 206, 226, 229, 327, 341, 343, 349, 429, 490, and 491. The program is completed with six hours of 300-level ARH courses. Students enter the department as B.A. visual and creative arts majors. There is a port-folio review after the completion of 110, 120, 206, 226, and 229. The average GPA for the above listed courses must be a “B” or better along with a favorable review rating in order to be accepted into the graphic design program. Only students accepted into the program are eligible for the ART 460 Art Internship.

Program in Studio Art: 43 credits including the 13-credit common core. Additional requirements include: ART 201, 206, 221, 490, 491, ART 105 or 300, three additional studio art courses, and six hours of 300-level ARH courses. Students enter the department as visual and creative arts majors. There is a portfolio review after the completion of ART 110, 120, and 206. The average GPA for these courses must be a "B" or better along with a favorable review rating in order to be accepted in the studio art program. Only students accepted into the program are eligible for the ART 460 Art Internship.

Concentration in Art Therapy: Students may enter the art therapy program after completing ART 110, 120, 201, 206, and PSY 101 level with a grade of a “C” or higher in each of these classes. This concentration includes the B.A. visual and creative arts major in studio art with the addition of the following ART courses: 105, 371, and 461. Art therapy requires a minor in psychology including PSY 101, 220, 230, and 335. This curriculum is based on the recommendations of the American Art Therapy Association.

Minor in Art History: 26 total credits in ARH and ART. Required ARH courses are 240, 247, and the selection of three courses from 330, 335, 337, 342, 343, 344, 346, 347, 357, or 380. Also required are ART 110, 120, and one course from ART 105, 201, 237, 255, 300.

Minor in Studio Art: 25 credits including ART 110, 120, 201, 206, 221, ARH 240, one upper-level art history course, and one upper-level art elective.

Minor in Graphic Design: 22 credits minimum in art and art history including ART 110, 120, 206, 229, ARH 240, and two-additional art courses from ART 226, 255, 326, 327, 329, or 380 on a graphic design topic.

Minor in Photography: 21 credits including ART 110, 120, 255, 355, 365, 375, and ARH 370.

Accredited Off-Campus Courses: Marian University art majors may take up to 12 credits of pre-approved activities courses at the Indianapolis Art Center for application to their degree at Marian University. These are courses not normally offered at Marian University.

Educators College

The Educators College advances the mission of Marian University through its dedication to providing an excellent education in all offered areas. This college includes undergraduate and graduate level education.

For more information on degree programs listed below, please contact the Educators College office at 317.955.6089.

EDUCATION (EDU)

The teacher education programs are fully accredited by the Indiana Office of Educator Licensing and Development (OELD) and the National Council for the Accreditation of Teacher Education (NCATE)/Council for the Accreditation of Educator Preparation (CAEP).

Education majors must consult department for specific Indiana licensing requirements. Students must successfully achieve qualifying scores on all required state assessments scores in order to be awarded a teaching license. Students must meet the developmental licensing standards as specified by the Indiana Office of Educator Licensing and Development.

Students pursuing a program should check with their advisors or the department regarding periodic changes being made in programs to meet Indiana Licensing requirements.

The yearly Title II basic skills and subject area scores as well as state ranking are published on the department's web site at www.marian.edu.

Requirements

1. Prior to placement in a field experience setting, the student must provide the department with a satisfactory Limited Criminal History from the Indiana State Police. Failure to provide a Limited Criminal History prohibits the student from enrolling in a course with a field experience component. Limited Criminal Histories are valid for one year.
2. Students must complete a major in a license area. Students must successfully pass state and university program requirements to be recommended for an Indiana license.
3. For retention in the teacher education programs, students must earn and maintain an overall 2.50 cumulative GPA; a 2.50 in all courses required for the major; and meet other performance expectations. Requirements are listed on the Educators College web page.

Admission to the Teacher Education Programs/Phase 1 Assessment

1. Upon admission to the university, students are assigned to advisors in the discipline and/or the department. Secondary licensing students are advised by faculty in their content area major and by faculty in the Educators College for their secondary education major.
2. Prior to admission to the Educators College, students are expected to successfully complete the state required assessment or have scored a minimum of 24 ACT composite or a combined score of 1100 on SAT reading and math.
3. Students must complete Phase 1 Assessment to enroll in 400-level professional education courses. The process for Phase 1 Assessment is located on the department web page and is available in paper format outside the Educators College office.
4. Transfer students and post-bachelor students work with their advisors regarding possible modifications in coursework and practicum experience as well as successful completion of the Phase 1 assessment. This occurs in the first semester of attendance at Marian University.

Readiness for Clinical Internship (Student Teaching)/Phase 2 Assessment

1. Students complete a Phase 2 assessment as part of core classes within the department. Elementary, special education, and secondary education majors complete this assessment as part of their methods courses.
2. Those preparing for Clinical Internship (Student Teaching) must:
   a. apply one year in advance,
   b. attend meetings and seminars prior to and during internship, and
   c. meet all required deadlines.

Deadlines are posted in the Educators College office and on the Marian University website calendar.

Program Completion/Phase 3 Assessment

1. Elementary, special education, and secondary education: specific requirements to be eligible for graduation and licensure include: Clinical Internship, EDU 490, 491, state assessments, the Candidate Work Sample. Long Range Plan, and minimum GPA requirements.
2. Secondary majors must also meet the requirements of the content majors.

Major for Bachelor of Arts Degree (B.A.) in Elementary Education:

1. A student must take EDU 120, 174, 175, 230, 314, 315, 325, 346, 347, 444, 446, 473, 490, 491, HIS 216, MAT 115 and 116, PSY 220 and SCI 301.
2. Students must meet the 2.50 GPA requirements in all areas of licensure and earn a minimum grade of "C" in all courses in the major and licensing cognate. Students must earn a minimum grade of "B-" in ENG 101 and 115, and a minimum grade of C in COM 101.
3. Successful completion of all phase assessments.
4. Complete courses for a licensing cognate. The licensing cognate requirement for elementary teachers meets the state requirement and adds depth to the undergraduate experience. Possible licensing cognates include English as a new Language, English, reading, science, physical education, theater, writing, math, foreign language, history, visual arts, or music. (Some licensing cognate areas may become a license area if the correct courses and state required assessments are completed.)

Students successfully completing the major, the licensing cognate, and the phase assessments are recommended for the Indiana primary and intermediate teaching licenses, covering grades K-6.

Major for Bachelor Degree (B.A. or B.S.) in Secondary Education

1. The degree of B.S. or B.A. is dependent upon the content major.
2. Students must meet the 2.50 GPA requirements in all areas of licensure and earn a minimum grade of "C" in all courses in the major and for licensing. Students must earn a minimum grade of "B-" in ENG 101 and 115, and a minimum grade of "C" in COM 101.
3. Students must take EDU 120, 230, 255, 318, 351, 446, 453, 454, 473, 491 and PSY 365.
4. Completion of all phase assessments, which includes an assessment of basic skills. This can be accomplished in multiple ways: passing scores on the state identified Pre-Professional test or one of the State identified alternatives.
5. Students majoring in education pursuing licensure in Secondary Education for Middle School and High School Teaching (grades 5-12) : should be enrolled concurrently in a content area major in one of the following: biology; chemistry; English; Spanish; health and physical education; mathematics; history; political science; psychology; or sociology. Specific content and education courses are approved by the Educators College and the Office of Educator Licensing and Development of the Indiana Department of Education.

Major for Bachelor of Arts Degree (B.A.) in Education (P-12)

1. Students must meet the 2.50 GPA requirements in all areas of licensure and earn a minimum grade of "C" in all courses in the major and for licensing. Students must earn a minimum grade of "B-" in ENG 101 and 115, and a minimum grade of "C" in COM 101.
2. Students must take EDU 120, 230, 255, 318, 351, 446, 453, 454, 473, 491 and PSY 365.

3. Completion of all phase assessments that include an assessment of basic skills. This can be accomplished in multiple ways: passing scores on the on the state identified Pre-Professional test or one of the State identified alternatives.
4. Students majoring in education pursuing licensure for All Grade Teaching (grades P-12): should be enrolled concurrently in a content area major in one of the following: art; music; physical education; health; and world languages. Specific content and education courses are approved by the Indiana Office of Educator Licensing and Development of the Indiana Department of Education. The Office of Education Licensure and Development has approved ALL grades (P-12) licensure for the content areas: Health and Physical Education; Art; Music; Spanish; French; and English as a New Language.

Major for Bachelor of Arts Degree (B.A.) in Education (non-licensure)

1. Students must achieve a minimum grade of "C" in every course required for the major. A minimum grade of "B-" is required in ENG 101 and ENG 115 and a minimum grade of "C" is required in COM 101.
2. Courses from one of the following tracks:
   a. Non-licensure, secondary track: EDU 120, 230, 255, 318, 351, 446, 453, 454, 474, 491 and PSY 365.
   b. Non-licensure, elementary track: EDU 120, 174, 175, 230, 314, 315, 325, 346, 347, 444, 446, 474, 491, MAT 115 and 116, and PSY 220.
3. Students must meet the department 2.50 GPA requirement.
4. Completion of phase I assessments that include an assessment of basic skills. This can be accomplished in multiple ways: passing scores on the on the state identified Pre-Professional test or one of the State identified alternatives
5. Internship EDU 474 does NOT fulfill teacher licensure requirements.
6. This degree option is only available with approval from the Dean of the Educators College and only on a case by case basis.

Concentration in Faith-Based Teaching: The Catholic School Educator Preparation Program

Students committed to faith-based teaching have the opportunity to nurture their own faith as they develop into teachers. The Catholic School Educator Preparation Program (CSEPP) parallels the traditional program but emphasizes the role of the faith-based teacher to help children develop their spiritual lives.

Students are assigned to the same Catholic school for practicum placements in selected methods courses throughout their coursework. All other Educators College requirements apply. Completing this program leads to a concentration in faith-based teaching. Students complete additional coursework in theology. For San Damiano Scholars and other students seeking this concentration, required theology and education courses are: THL 105S, 106S, 270, 361, and EDU 400.

Components of the program include:

- Creed of the church
- Liturgy of the church
- Sacraments of the church
- Old Testament
- New Testament
- The person of Jesus Christ
- Praying with children
- Catechism of the Catholic Church
- Teaching of religion
- Mission and history of Catholic schools

In their first year, students visit all school partner sites. During their second and third years, students take directed theology courses and education methods courses, and engage in various activities at the selected schools. Clinical Internship takes place at the mentor school during the appropriate semester.

SPECIAL EDUCATION (SPD)

Major for Bachelor of Arts Degree (B.A.) in Special Education: Elementary

1. Students must meet the 2.50 GPA requirements in all areas of licensure and earn a minimum grade of "C" in all courses in the major and for licensing. Students must earn a minimum grade of "B-" in ENG 101 and 115, and a minimum grade of C in COM 101.
2. Students must take EDU 120, 175, 230, 314, 325, 346, 347, 444, 446, 473, 490, 491; SPD 130, 154, 233, 368, 369, 439; HIS 216, MAT 115 and 116; PSY 220, and SCI 301.
3. Successful completion of all phase assessments.

Students successfully completing the major and the phase assessments are recommended for the Indiana primary and intermediate teaching licenses, covering grades K-6 and the Mild Intervention license, for grades P-6.

Major for Bachelor of Arts Degree (B.A.) in Secondary Special Education

1. Students must meet the 2.50 GPA requirements in all areas of licensure and earn a minimum grade of "C" in all courses in the major and for licensing. Students must also earn a minimum grade of "B-" in ENG 101 and 115, and a minimum grade of "C" in COM 101.
2. 40 hours in education: EDU 120, 230, 255, 318, 346, 446, 453, 454, 473, 490, and 491.
3. 15 hours in special education: SPD 130, 233, 368, 369, and 439.
4. One of the following areas:
   a. Mathematics. 18 credits in Mathematics: MAT 230, 231, 310, and choose 2 courses from MAT 322, 323 and 330. Students will earn a minor in Mathematics
   b. English. 18 credits in English: ENG 206, 215, 223, 250, 304, 347. Students will earn a minor in English.
5. After passing all required state tests, graduates will be licensed to teach Special Education: Mild Intervention grades 5-12. If the state required content test is passed, that content area could be added to the teaching license.

Major for Bachelor of Arts Degree (B.A.) in Special Education: P-12

1. Students must meet the 2.50 GPA requirements in all areas of licensure and earn a minimum grade of "C" in all courses in the major and for licensing. Students must earn a minimum grade of "B-" in ENG 101 and 115, and a minimum grade of "C" in COM 101.
2. Education courses include EDU 120, 175, 230, 314, 346, 347, 444, 446, 454, 473, 490, 491
3. MAT 115, MAT 116, and PSY 220.
4. Special education courses include SPD 130, 154, 233, 368, 369, and 439.
5. After passing all required state tests, graduates will be licensed to teach Special Education: Mild Intervention in grades P-12.

Minor in Special Education: Secondary

A candidate with a secondary education major may minor in special education. In addition to the general education courses, courses required in the content, and courses required for a major in secondary education, the candidate must take the following courses for the special education minor: SPD 130, 233, 368, 369, and 439 and EDU 230. This candidate will take EDU 347 instead of EDU 351 in the secondary education major. With this minor added to the majors, a secondary candidate will be licensed to teach special education, Mild Intervention, grades 5-12.

Minor in Special Education Program Exceptional Needs, Mild Intervention

Students majoring in elementary education may elect to add a teaching minor in exceptional needs. This minor allows the graduate to teach in classrooms with students who meet the disability criteria for mild interventions, grades P-6. Requirements for this additional license include SPD 130, 154, 233, 368, 369, 439 and EDU 230. Students adding this minor do not have to take EDU 174 or 315. One segment of student teaching must be in a special education setting.

ACCELERATED BACHELOR TO MASTERS PROGRAM (BME and BMT)

Major for a Bachelor of Arts Degree (B.A.) in Elementary Education and Master of Arts in Education in Special Education (MAEd)
The BME Elementary Education Program is a ten semester program that includes rigorous Bachelors and Masters level education coursework that is embedded throughout the program with a year-long clinical residency in order to impart deep content knowledge, skills and dispositions required to successfully teach elementary education students with mild learning disabilities. Depending on coursework the teaching candidates bring to Marian, it is possible to complete this program in less than ten semesters. Undergraduate course requirements are: EDU174, 175, 224, 314, 315, 325, 346, 347, 444, 446, 495, 490, 491; SPD 230, HIS 216, MAT 155, MAT 116, PSY 220 and SCI 301. An 18 credit hour minor is required in a license area and also meets the state's requirements for a concentration/cognate. There are three recommended minors for Elementary Education Majors that Advisors will provide. Students must achieve a minimum grade of "C" in every course required for the major. A minimum grade of "B-" is required in ENG 112 and a minimum grade of "C" is required in COM 101.

Major for a Bachelor of Arts Degree (B.A.) in Special Education and Master of Arts in Education in Special Education (MAEd)
The BME Special Education Program is a ten semester program that includes rigorous Bachelor and Master level education coursework that is embedded throughout the program with a year-long clinical residency in order to impart deep content knowledge, skills and dispositions required to successfully teach P-12 students with mild learning disabilities. Depending on coursework the teaching candidates bring to Marian, it is possible to complete this program in less than ten semesters. Undergraduate course requirements are: EDU 175, 224, 314, 325, 346, 347, 444, 446, 495, 490, 491; HIS 216; MAT 115, 116; PSY 220; EDU 453; SCI 301; SPD 130, 154, 338, 368, 369.

An 18 credit hour minor is required in a license area and also meets the state's requirements for a concentration/cognate. There are three recommended minors for Special Education Majors that Advisors will provide. Students must achieve a minimum grade of "C" in every course required for the major. A minimum grade of "B-" is required in ENG 112 and a minimum grade of "C" is required in COM 101.

Double Major in Secondary Education and a Content Area and a Master of Arts in Teaching (MAT)
The BMT Program is a ten semester program that imparts deep knowledge, critical thinking and skills in approved content areas such as Biology and rigorous Bachelor and Master level education coursework embedded throughout the program culminating in an extended, standards-based clinical residency. Teaching candidates in this program graduate with a double major: a BA in their content area and a BA in Secondary Education.

Depending on coursework the teaching candidates brings to Marian, it's possible to complete this program in less than ten semesters. Undergraduate course requirements are: EDU 224, 255, 447, 475, 476 and SPD 230. Students must achieve a minimum grade of "C" in every course required for the major. A minimum grade of "B-" is required in ENG 112 and a minimum grade of "C" is required in COM 101.

APPLIED EDUCATIONAL STUDIES

The Applied Educational Studies major is a professional education program leading to a Bachelor of Arts degree. The Applied Educational Studies major is grounded in education-related course content. The common learning component, field practicum placements, and internships provide professional skills geared toward a chosen career path. This interdisciplinary degree is an option for students planning to work in fields related to youth services, educational training or management, curriculum/education development, child advocacy, educational civic or non-profit organizations, and/or educational stakeholders external to a P-12 classroom setting.

The major also provides opportunities for study in various minor areas. The advisor will work closely with students to select coursework that best matches the academic and professional goals of the student. Major entrance requirements are similar in nature to other education degrees. However, state required licensure testing (i.e. Praxis, CASA, etc.) is not required for this major, as this degree does not lead to a teaching license.

Major for a Bachelor of Arts Degree (B.A.) in Applied Educational Studies:

1. Students must achieve a minimum grade of "C" in every course required for the major. A minimum grade of "B-" is required in ENG 101 and ENG 115 and a minimum grade of "C" is required in COM 101.
2. Student must take 42-43 credits including: EDU 120; EDU 174 or 314 or 454 or SPD 154; EDU 175; EDU 230 or PSY 325 or PSY 350 or PSY 365; EDU 315 or ESS 453; EDU 318 or 346 or 351; EDU 474, 490, 491; COM 221 or 331 or 380/480; 3 credits of ENG 206 or ENG 239 or ENG 303; SOC 270.

Minor in Special Education: Open to Applied Educational Studies majors only. 18 hours in education. Required courses are SPD 130, 154, 233, 368, 369, and 439.

HEALTH AND PHYSICAL EDUCATION

Major for Bachelor Degree (B.A. or B.S.) in Health and Physical Education: 35 credits: ESS 128, 151, 152, 153, 154, 155, 228, 249, 265, 269, 363, 370, 410, 420, 453, and 490. For the B.S., an additional 25 credits in courses from business, exercise and sport studies (excluding HPE), mathematics, psychology, or science are also required. Students must receive a minimum grade of "C" in all courses required for the major. For students double majoring in secondary education or education (P-12), EDU 491 will replace ESS 490. For retention in the teacher education programs, students must earn and maintain an overall 2.50 cumulative GPA, a 2.50 in all courses required for the major, and meet other performance expectations. Requirements are listed on the School of Education web site.

Minor in Health Education Teaching: 25 credits, including 120, 230, 249, 370, 452, SCI 102 plus 7 credits of ESS electives.

Minor in Physical Education (Physical Education License only): 19 credits including ESS 128, 228, 363, 410, 420, 453, and any three of the following: ESS 151, 152, 153, 154, 155.

Teaching requirements: Students who wish to teach in this content area must meet all requirements for the major field, and also meet the Educators College developmental licensing requirements. Contact the Educators College for high school licensing program descriptions and specifics for each licensure area. All courses are subject to change based upon current requirements from the Division of Professional Standards, Indiana Department of Education.

GRADUATE PROGRAMS IN EDUCATION

The Educators College offers graduate level education in addition to the undergraduate programs listed above. Interested individuals should contact the educator's college for additional information. The program courses and requirements can all be found in the Marian University Graduate Catalog.

Clark H. Byrum School of Business

The Byrum School advances the mission of Marian University through its innovative and experiential curriculum. Students' learn-by-doing as they develop solutions to live business problems. The Byrum School's experiential approach fosters the development of leaders who will make ethical and informed decisions in their daily lives.

The Byrum School of Business offers a bachelor of science degree in the areas of accounting, business analytics, finance, management and marketing. All students complete a 39-credit common core of courses plus additional coursework that is specific to each major. The core consists of three, nine-credit experiential courses, BUS 109, 209 and 309, plus an additional 12 credits from BUS 200 – Careers in Business: Research and Internships, BUS 360/365 - Internship, BUS 400- Careers in Business: Job Search and Professional Development, BUS 401 - Business Ethics and an elective business experience.

Students majoring in a Byrum School of Business Program must achieve a minimum cumulative GPA of 2.33 (C+) in BUS 109 and BUS 209. Any student who does not achieve a cumulative GPA of 2.33 (C+) in BUS 109 and BUS 209 is dismissed from Byrum School of Business. Students may submit a written appeal for reinstatement to the Dean of the Byrum School of Business.

The Byrum School offers its students the option of supplementing their major with a concentration in business in sports, entrepreneurship, human resource management, insurance, integrated marketing communications and management information systems. Students can also pursue a minor in Accounting or Finance.

The Byrum School offers a minor in business consisting of 18 credits from BUS 109 and 209 for students majoring in an area outside the School of Business. With the exception of second internships, courses cannot double count for concentrations, minors, majors or double majors. International electives cannot double count for major electives.

For more information, please contact the Clark H. Byrum School of Business office at 317.955.6765 or by e-mail at business@marian.edu.

ACCOUNTING (ACC)

The accounting program's academic credits are accepted by the Indiana State Board of Public Accountancy for qualification to sit for the Uniform CPA (Certified Public Accountant) Examination and the Institute of Management Accountants CMA (Certified Management Accountant) Examination.

Major for Bachelor of Science Degree (B.S.) in Accounting:
72 credits including: 39 credit business core plus 33 credits of required courses; ACC 250, 310, 320, 321, 430, 431, 440, 455; FIN 111, 311, and MIS 320.

150-Hour Accounting Program: The State of Indiana requires that a first time CPA exam candidate must obtain at least 150 credit hours of college education, including a bachelor or higher degree conferred by an accredited college or university. This law applies only to individuals who plan to sit for the CPA examination. Students receive a B.S. degree in accounting from Marian University after completion of the traditional four-year program of 128 credit hours. Students choosing to complete the 150-Hour Accounting Program may do so through a variety of options. With approval, undergraduate and graduate courses from other accredited colleges and universities may apply.

Minor: 24 credits beyond BUS 109 including BUS 209; ACC 250, 310; FIN 111 and 6 credits of electives from ACC 320, 321, 430, 431, 440, 455, FIN 311, MIS 320.

BUSINESS (BUS)

Major for Bachelor of Science Degree (B.S.) in Business Analytics: 63 credits including: 39 credit business core; CST 170; MAT 215, 322; MIS 310, 330; BUS 423 and two courses from BUS 344, 350, CST 270, MAT 323 and MIS 320. The core requirement for elective business experience must be satisfied with an internship in business analytics.

FINANCE (FIN)

Major for Bachelor of Science Degree (B.S.) in Finance
66 credits including: 39 credit business core; 21 credits including FIN 111, 311, 360, 411, 455; ACC 250 and MIS 320; and 6 credits selected from FIN 350, 352, 357, 358; ACC 430.

Minor: 24 credits beyond BUS 109 including BUS 209; FIN 111, 311; ACC 250 and 6 credits of electives from FIN 350, 352, 357, 358, 360, 411, 420, 455; ACC 430, MIS 320.

MANAGEMENT (MGT)

Major for Bachelor of Science Degree (B.S.) in Management:
60 credits including: 39 credit business core; a 3 credit international elective selected from BUS 338, 363, 450; FIN 411; BUS 430; and 12 credits selected from 262, 325, 350, 351, 352, 372, 395, 450, (cannot double count as international elective), MIS 330; FIN 311, and one course in science. Management majors must receive a grade of "C" or higher in all upper division management courses.

MARKETING (MKT)

Major for Bachelor of Science Degree (B.S.) in Marketing:
60 credits including: 39 credit business core; a 3 credit international elective selected from BUS 338, 363, 450; FIN 411; BUS 446; and 12 credits selected from BUS 217, 325, 338 (cannot double count as international elective), 341, 342, 344, 348, 445, and one course in science. Marketing majors must receive a grade of "C" or higher in all upper division marketing courses.

Concentrations for School of Business Majors:
Business in Sports: 18 credits beyond BUS 109 including BUS 209, and 9 credits from BUS 311, 348, 358; ESS 340/PSY 340, second internship in field, with School of Business approval.

Entrepreneurship: 18 credits beyond BUS 109 including BUS 209, 262 and 6 credits from BUS 344, 358, 372; FIN 358; ACC 250, second internship in field, with School of Business approval.

Human Resources Management: 18 credits beyond BUS 109 including BUS 209 and 9 credits from BUS 351, 352, 358, 361, 362, 363, second internship in field, with School of Business approval.

Insurance: 18 credits beyond BUS109 including BUS209; FIN357 and 6 credits from the following: FIN360; BUS342, second internship in field with School of Business approval.

Integrated Marketing Communications: 18 credits beyond BUS109 including BUS209 and 9 credits from the following: ART 229(FAL), BUS 217(SPR), 341(FAL), 445(SPR), MIS 317(ADD), second internship in field with School of Business approval.

Management Information Systems: 18 credits beyond BUS 109 including BUS 209 and 9 credits from MIS 290, 310, 320, 330, second internship in field, with School of Business approval.

Minor in Business: Available to students with a major outside the Byrum School. 18 credits consisting of BUS 109 and BUS 209.

Alan and Sue Leighton School of Nursing

Accreditation
Marian University offers programs in nursing leading to a bachelor's degree, accredited by the Indiana State Board of Nursing, and Commission on Collegiate Nursing Education (CCNE).

Program Admission and Progression
The programs prepare the student for the National Council Licensure Examination for Registered Nurses (NCLEX-RN). The decision regarding who may take the NCLEX-RN examination rests with the Indiana State Board of Nursing.

When seeking admission to the Alan and Sue Leighton School of Nursing, applicants must meet with an academic advisor. Application deadlines are determined twice annually, prior to each semester. Admission to clinical nursing courses is competitively based on a clinical admission decision tree. For detailed information on the specifics of this policy, contact the Alan and Sue Leighton School of Nursing at 317.955.6250. Please note that curriculum and admission requirements are subject to change. Science credits or transfer equivalents (chemistry, anatomy and physiology, and microbiology) may be no older than seven (7) years at the time of admission to Marian University.

Marian University takes reasonable steps to ensure a clinical spot for all qualified students. Students must meet all of the requirements of the school of nursing for the awarding of degrees. Students transferring into the Leighton School of Nursing are required to have a GPA of 2.80/4.0 for admission. Please note that nursing courses from other institutions are not automatically accepted.

The Indiana State Board of Nursing Regulations require~~s~~ that all students in the nursing program must achieve a grade of "C" or higher in all courses required for degree completion, including all required general education courses in order to qualify to take the National Council Licensure Exam (NCLEX) for Registered Nurses.

In addition, students must meet the following Marian University School of Nursing requirements: 1) A student must earn a "C+" or higher in all nursing and required prerequisite courses; 2) A student may withdraw from only one required nursing course during the program 3) A student must earn a satisfactory grade (S) in the clinical component of a nursing course and a "C+" (77 percent) or higher in the theory component in order to pass and progress to subsequent nursing courses; students who fail either component of a course must repeat both components.

Receiving a grade, lower than a "C+" (77 percent) in any two nursing courses (NUB, NUR, or NSG prefix) results in automatic dismissal from the nursing program; the student is ineligible for readmission to the nursing program at Marian University for a period of five years. After five years have passed, the student may submit a written petition to the Admissions Committee for a readmission decision.

IMPORTANT: All students, upon admission to the clinical courses, must submit a full criminal background check which is available through the Indiana State Police and a multi-panel drug screen. Students will not be allowed to begin clinical until the criminal check and drug screen are completed, received, and reviewed by the Alan and Sue Leighton School of Nursing. Students are responsible for notifying the Dean of the Alan and Sue Leighton School of Nursing or Dean's designee of any changes in their criminal and/or drug screen status. For further information concerning program progression, you may contact the Alan and Sue Leighton School of Nursing at 317.955.6250 or by e-mail at nursing@marian.edu.

Bachelor of Science in Nursing (NSG)

Generic BSN Program-a traditional program for those students seeking a bachelor degree in nursing.

Program admission requirements:

a) Admission to Marian University
b) Direct admission into the Alan and Sue Leighton School of Nursing will be extended to outstanding high school students who meet the academic standards set by the Alan and Sue Leighton School of Nursing.
c) Marian University cumulative GPA of 2.8
d) Pre-requisite science GPA of 2.8
e) All science pre-requisite courses completed successfully with a grade of "C+" or better (BIO 214, 225, 226; CHE 100). Students may repeat only one of these courses one time.
f) Achieve a grade of C or better in each of the general education courses completed
g) Application completed in full and submitted on time
h) Score at the 60th percentile or higher on the Kaplan Admission Test
i) Acceptable score on the International English Language Testing System of 6.5 overall and a speaking score of 7; or the Test of English as a Foreign Language (iBT) of 83 total and a speaking score of 26. This requirement applies to students identified during the admission process.

Required nursing courses are:
NSG 129, 201, 211, 221, 233, 241, 251, 307, 317, 331, 335, 343, 431, 441, 451, 490, 493, and two credits in nursing electives. A grade of "C+" or better is required in each course.

General education and supporting courses required are: ECN or PSY 205; COM 101; ECN 200 or HIS 102; ENG 112; HUM 210; PHL 130; PSY 220 and 230; THL 105, a second theology course 200-level or above satisfying the general education requirement.

Accelerated BSN Program – for students with a minimum of a previous bachelor degree in a discipline other than nursing.

Upon completion of prerequisite courses, students may be admitted to the nursing major and complete nursing courses in 16 months. Program admission requirements:

a) Admission to Marian University
b) Completed Bachelor or higher degree from an accredited college or university with a cumulative GPA of 2.80/4.00, or a 3.0 in the last 60 academic credits completed.
c) Pre-requisite science GPA of 2.8 (BIO 214, 225, 226; CHE 100 or equivalent transferable courses)
d) All science pre-requisite courses successfully completed with a "C+" or greater
e) Application completed in full and submitted on time
f) Acceptable score on the International English Language Testing System of 6.5 overall and a speaking score of 7; or the Test of English as a Foreign Language (iBT) of 83 total and a speaking score of 26. This requirement applies to students identified during the admission process.

Required nursing courses are: NSG 129, 201, 211, 221, 241, 251, 233, 331, 335, 307, 317, 343, 431, 441, 451, 493, and two credits of nursing electives. A grade of "C+" or better is required in each course.

General education and supporting courses required are: BUS or PSY 205, PSY 220, PSY 230; THL 105, a second theology course 200 level or above meeting the general education requirement in the theological and philosophical reasoning category, and 12 credit hours of approved humanities credits. A grade of "C" or better is required in each course.

Completion RN-BSN Program
Registered nurses seeking a Bachelor of Science degree in nursing will enroll in Marian's Adult Program (MAP). See page 64.

Additional designated courses are required by nursing as part of the general education requirements. Whether transferred in or completed at Marian University, all BSN and RN-BSN students are required to successfully complete BUS 205; COM 101; ECN 200; ENG 101, ENG 239, 213 or cross cultural course; PHL 130; PSY 230; SOC 101; THL 105, THL 216. RN-BSN students with an associate degree in nursing from another institution will be awarded 53 credits toward their BSN degree at Marian University. These 53 credits will account for associate level nursing requirements and 9 hours of electives in liberal arts.

Marian University at Nashville, TN
Marian University at Nashville, Tennessee is authorized by the Tennessee Higher Education Commission. This authorization must be renewed each year and is based on an evaluation by minimum standards concerning quality of education, ethical business practices, health and safety, and fiscal responsibility.

Grievance Procedure for Tennessee Students:
The student can expect and should request from the instructor information about class standing during the course of the semester. Questions about procedure, requirements, and the grading system can thereby be resolved between student and professor. However, if at the end of a term, a student has cause to question the computation or "fairness" of a final grade, an appeal process is available to review the case.

1. The student must consult with the individual instructor concerning the grade. The meeting is to be documented by means of a memorandum of record containing the meeting date, a summary of the results of the meeting, and the signatures of student and instructor.
2. The student next meets with the dean of the appropriate school, presenting the documents generated in previous steps. This meeting is to be documented by means of a memorandum of record containing the meeting date, a summary of the results of the meeting, and the signatures of the student and dean. If there is no resolution at this level, then move to step three.
3. The student must submit a written appeal to the Dean of Academic Affairs with a copy to the dean with whom the student met in the previous step. The written appeal must state what is requested concerning the grade, the reasons that the assigned grade is not considered a complete or fair assessment of work accomplished in the course, and must be accompanied by the documents of record generated in each of the previous steps. The time limit for filing the written appeal with the dean of academic affairs is six weeks from the release of grades.
4. The dean of academic affairs presents the written case and documentation to the Vice President for Academic Affairs (VPAA). If the VPAA determines that further clarification is needed to reach a decision, a meeting is arranged involving the student, the instructor, and the VPAA for discussion of the appeal. The purpose of this meeting is primarily clarification of the situation.
5. After considering all the information received, the final decision on the fairness of the grade is made by the VPAA. In this context, "fairness" applies to the objective and unbiased assignment of the grade. If the VPAA determines that the grade was unfairly assigned, this decision is conveyed to the instructor, the chairperson, and/or dean of the school for objective and unbiased correction. The student will receive written documentation of the outcome.

If a complaint is not settled at the institutional level, the student may contact the Tennessee Higher Education Commission, Nashville, TN 37243-0830. Telephone: 615.742.5293

Designated University Employees:

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Transferability of Credits
Marian University is a special purpose institution. That purpose is to provide excellent teaching and learning in the Franciscan and liberal arts traditions. This purpose does not include preparing students for further college study. Students should be aware that transfer of credit is always the responsibility of the receiving institution. Whether or not credits transfer is solely up to the receiving institution. Any student interested in transferring credit hours should check with the receiving institution directly to determine to what extent, if any, credit hours can be transferred. Refer to the Disclosure for on the Transferability of Credits Form for Marian University at Nashville, Tennessee.

EXERCISE AND SPORT STUDIES (ESS)

Major for Bachelor of Science Degree (B.S.) in Exercise Science: 60 credits including ESS 120, 270, 340, 351, 352, 360, 375, 390, 435, 490; BIO 225; CHE 151; BIO 226 or BIO 334; BIO 205; PSY 205 or ESS 420; with the remaining courses from a list of courses in BIO, CHE, ESS, MAT, PHY, and PSY. Possible courses include: BIO 151, 203, 204; BIO/CHE 310, 311, 312; CHE 152, 305, 306; ESS 245, 350, 380, 434, 445, 470, 475, 498; MAT 145, 215; PHY 110, 111; PSY 220, 330, 350. Students must maintain a cumulative GPA of 2.0 in all ESS classes.

Major for Bachelor of Science Degree (B.S.) in Physiology of Exercise: 60 credits including: ESS 120, 390, 434, 375 or 475, 490, and 498. Additional requirements are CHE 151, 152 and 305; BIO 226 or BIO 334; BIO/CHE 310 or 311 and 312, BIO 205 or PSY 205, preparation to sit for at least one nationally recognized certification, and the presentation of the research project. To reach a total of 60 credit hours, the remaining courses are selected from a list of courses in BIO, CHE, ESS, and PHY. Students must receive a minimum grade of "C" in all courses in the major.

Major for Bachelor of Science Degree (B.S.) in Sport Performance: 42 hours including ESS 120, 170, 245, 250, 260, 265, 270, 340, 350, 351, 352, 375, 435, and 490. ESS 360 is strongly encouraged. The remaining credits can come from courses in business, exercise and sport studies (excluding HPE), mathematics, psychology, or science. Students must maintain a cumulative GPA of 2.0 in all major classes.

Marian's Adult Program

Marian's Adult Programs (MAP) is designed for working adults who want to take pursue additional education while balancing busy professional and personal lives. MAP students set their own pace. The program is focused on what adults want: an accelerated, convenient, hassle-free way to take classes or earn their degree.
MAP offers:

- An associate degree, bachelor degree, and certificates in business administration. Concentrations include management, marketing, human resources management, finance, business technology, project management, fundraising management, and meeting and event planning.
- An associate of science degree in paralegal studies.
- An RN to BSN program for registered nurses who want to complete a Bachelor of Science degree in nursing.
- A bachelor degree in Health and Human Services (BHHS).
- Online prerequisites for pre-nursing students.

Classes are offered online, in the classroom or a combination of both. Classroom-based courses are held at the Marian University campus and near Keystone at the Crossing on the north side of Indianapolis.

The accelerated format program is fast-paced with most classes meeting just one or two nights a week. MAP classes are offered in five-week terms or an eight-week sessions instead of traditional semesters.

To qualify for this program, students must be 23 years of age or older and have at least three years of professional work experience. An official high school transcript, GED, or passing TASC score is required. Transcripts from all prior universities attended are required. An earned bachelor's degree from a regionally accredited college will substitute for the age and work experience requirement.

To learn more, visit the website at http://www.marian.edu/map. You may also contact MAP at 317.955.6271 or MAP@marian.edu.

BUSINESS ADMINISTRATION

Major for Associate of Business Administration (A.B.A.) in Business Administration:
39 credits including: 27 credits in ACC 210, 211; BUS 205, 240, 250, 301; ECN 200; MIS 101 and 201; 12 credits of required courses in one of the following concentrations: management, marketing, human resources management, finance, business technology project management, fund raising management or meeting and event planning. See MAP handbook for specific courses required for each concentration.

Major for Bachelor of Business Administration (B.B.A.) in Business Administration:
48 credits including: 36 credits in ACC 210, 211; BUS 205, 240, 250, 301, 401, 495; ECN 200; FIN 310; MIS 101 and 201; 12 credits of required courses in at least one or more of the following concentrations: management, marketing, human resources management, finance, business technology, project management, fund raising management or meeting and event planning. See MAP handbook for specific courses required for each concentration.

HEALTH AND HUMAN SERVICES

Major for Bachelor of Health and Human Services (B.H.H.S.):
36-38 credits including: PBH 100, 495; SOC 100; NUB 470; PSY 230; BUS 250, 330, 372; 2 courses from PSY 325, 330; SOC 325; 2 courses from CHE 100; BIO 214, 225, or 226.

NURSING (NUB)

Completion RN-BSN Program
Individualized Plan of Study (IPOS) options are available for recognition of prior experiential learning.

Admission requirements:
a) Admission to Marian University
b) Associate degree or diploma with a major in nursing from a NLNAC accredited program
c) Active RN licensure in Indiana
d) GPA of 2.50/4.00 from prior nursing program

Required nursing courses are: NUB 328, 335, 400, 401, 416, 450, 470; NUR 310, 350, 400, and 410.

PARALEGAL STUDIES (LAW)

Major for Associate of Science (A.S.) in Paralegal Studies: 29 credits including: LAW 104, 215, 216, 256, 261, 262, 272, 285, 290, 292 and 360. Also required BUS 301; COM 101; ECN 200; ENG 239, and MIS 101. A C+ or higher is required in ENG 101, 239; LAW 215, 216 and MIS 101

Catalog of Courses

An alphabetical list of course descriptions is printed on the following pages. Each course is identified by a code of three letters and a three-digit number. The number of credits per course is listed. Laboratory studio and practicum courses require additional contact hours.

Numbers below the 100-level are assigned to developmental courses designed to bring the under-prepared student to college level proficiency. These courses are graded, and in combination with other enhancement courses, may apply up to 12 credits to the total of 128 credit required for the bachelor degree; six credits toward the 64 credits required for the associate degree (see section on graduation requirements).

Numbers 100-299 indicate lower division courses designed primarily for students at the freshman and sophomore levels. Normally, the content is introductory and basic to subsequent study in the discipline. Most general education courses are in this category.

Numbers 300-499 are upper division courses primarily for juniors and seniors, but open to students who have completed the freshman level of study. Normally, the content and requirements presuppose basic familiarity with the subject, which can be demonstrated through general education courses, prerequisite courses, or in conference with an advisor.

Number 499 designates independent study or a research project at an advanced level. One mark of a scholar is the ability to seize upon a specific problem or subject and research it to its conclusion, either in the laboratory or library, and then present those conclusions in a logical and persuasive fashion. Marian University encourages qualified students to engage in independent study as a vital part of their college education.

Numbers 500-999 designate graduate level courses.

Not all courses listed in this catalog are offered each semester. The rotation code of each course is indicated at the end of the course description. The codes are as follows:

SEM – every semester
FAL – every fall
SPR – every spring
2FE – every other fall, even year
2FO - every other fall, odd year
2SE – every other spring, even year
2SO – every other spring, odd year
ADD – at the discretion of the department
SUM – summer
F20XX – specifies semester

Prior to the beginning of registration a schedule of classes is distributed and used as the immediate guide for planning the student's schedule. The university reserves the right to add to or delete from the semester's schedule as registrations warrant. Fulfillment of prerequisites does not guarantee admission to any program. See the school listings for program admission requirements.

ACC 180, 280, 380, 480 Special Topics in Accounting 1-3 credits
Prerequisite: Permission of faculty. Selected topics applying to the study of accounting. Course subjects are announced at the time of pre-registration, and may be repeated for different topics. The current economic and business environments will generate topics. (ADD)

ACC 210 Principles of Accounting I 3 credits
An introduction to accounting principles, practices, and systems for sole proprietorship, service, and merchandising businesses. Study includes the basic accounting model and the measuring and reporting of assets and current liabilities. Computer applications are utilized. This course is only offered in the MAP program. (ADD)

ACC 211 Principles of Accounting II 3 credits
Prerequisite: 210. An introduction to accounting for corporations and manufacturing businesses. Study includes special reports, analysis of accounting information, and an introduction to managerial accounting. Computer applications are utilized. This course is only offered in the MAP program. (ADD)

ACC 250 Intro to Financial and Managerial Accounting 3 credits
An introduction to financial and managerial accounting principles, practices, and systems for service, merchandising, and manufacturing corporations. Study includes the use, measurement, and analysis of business transactions and financial statements from the financial accounting perspective. It also includes cost concepts, systems, behavior, and financial analysis of performance from the managerial accounting perspective. (SPR)

ACC 310 Advanced Managerial Accounting 3 credits
Prerequisite: 250. A study of management's use of accounting information through the preparation, analysis, and interpretation of financial statements and reports. Study includes the fundamentals of managerial accounting—planning, budgeting, controlling, and performance measurement. Other topics include capital expenditure analysis, analysis of financial statements, and time value of money concepts. Computer applications and financial calculators are utilized. (FAL)

ACC 311 Advanced Cost Accounting 3 credits
Prerequisite: 250. A study of cost analysis, activity-based costing, short-term decision making, responsibility accounting, divisional performance measurement, and cost centers as they apply to cost systems. Study also includes the principles and procedures of accounting for materials, labor, and overhead as they apply to job order costing, process costing, and standard cost systems. Computer applications are utilized. (ADD)

ACC 320 Intermediate Financial Accounting I 3 credits
Prerequisite: 250. An advanced study of generally accepted accounting principles applied to financial reporting of corporate business enterprises. Study includes the financial accounting environment, the accounting information system, basic financial statements, and the accounting cycle. Financial calculators and cases are utilized. (FAL)

ACC 321 Intermediate Financial Accounting II 3 credits
Prerequisite: 320. A continuation of ACC 320 that completes a detailed study of asset, liability, and stockholders' equity accounting. Financial calculators and cases are utilized. (SPR)

ACC 430 Federal Taxation I 3 credits
Prerequisite: 250. Provides the underlying principles of federal tax laws and regulations as they apply to individuals and small businesses. Study includes the tax determination formula, gross income, personal and business deductions, depreciation, and other tax accounting issues. Computer applications are utilized. (FAL)

ACC 431 Federal Taxation II **3 credits**
Prerequisite: 430. A study of the underlying principles of federal tax laws and regulations as they apply to tax credits, property transactions, C Corporations, S Corporations, partnerships, LLCs, and other advanced tax accounting issues. Computer applications are utilized. (SPR)

ACC 440 Auditing **3 credits**
Prerequisite or corequisite: 310. A study of the principles, theory, and practice of auditing. Study includes professional ethics, auditing standards, environment, concepts, tools, techniques, the audit engagement, and reporting responsibilities. An integrated comprehensive audit practice case is utilized. (2FE)

ACC 450 Becker CPA Review Course **6 credits**
Prerequisites: 321, full-time enrollment, and instructor permission. An overall analysis and review of the American Institute of Certified Public Accountant's Uniform CPA (Certified Public Accountant) Examination. Study includes financial accounting and reporting, regulation, auditing and attestation, and business environment and concepts. The cost of the course is included in the full-time tuition fee. Tuition discounts do not apply. A Tuition Free Continuing-Help Certificate can be earned through The Becker CPA Review Course. (SEM)

ACC 455 Cases in Accounting and Finance **3 credits**
Prerequisite: Junior class standing and Accounting or Finance major. The case method of instruction is utilized to analyze, present, and defend financial management cases. The case analysis involves the stages of investigation, design, and implementation of financial management theory applied within the team dynamic. Case study includes financial statements and time value of money, financial analysis and forecasting, working capital management, capital budgeting, long-term financing, and professional ethics. The American Institute of Certified Public Accountants (AICPA) and the Certified Financial Planner Board of Standards Codes of Ethics and Professional Responsibility are also studied. Cross-listed as FIN 455. (SPR)

ACC 460, 461, 462 Internship in Accounting I, II, III **3-9 credits**
Prerequisites to 460: 250 and permission. Prerequisites to 461: 460 and permission. Prerequisites to 462: 461 and permission. Designed to give qualified upper division accounting majors on-the-job educational experiences. It is an introduction to a practical, supervised work experience that is related to the student's area of study. Placement is arranged after application, interview, and approval by the department faculty. The student and the employer give periodic reports and evaluations. All placements are paid positions. A minimum of 180 hours of actual work experience is required to earn three credits. Credits earned in these courses are not included in the 40-credit limit in the major. A second internship may count for elective business experience. Graded S/U. (ADD)

ACC 470 Full-Time Accounting Internship **12 credits**
Prerequisites: Faculty permission, and participation in the 150-hour Accounting Program. Designed to give qualified upper division 150-hour Accounting Program students an immersion experience in the accounting profession, as students work full-time for a semester. The student and the employer give periodic reports and evaluations. Accounting internship placements are paid positions. Internship learning credits do not count toward credits required in the major. A second internship may count for elective business experience. Graded S/U. (SEM)

ACC 499 Independent Study in Accounting **1-3 credits**
Prerequisites: Junior or senior accounting major and permission. Guided study and/or research in accounting. (ADD)

ARH 240 Survey of Western Art in Society **4 credits**
This course studies the development of the Western visual art from Paleolithic period to the present. (FAL)

ARH 247 Survey of Intercultural Art **4 credits**
A general examination of the cultures, art, and architecture outside the Western tradition with particular emphasis placed upon Native America, Africa, India, China, Japan, and the Pacific Islands. (SPR)

ARH 248 Introduction to Archeology 3 credits
Prerequisite: SOC 101 or 175; HIS 102, or permission. This course is an introduction to the history and methodology of archeology. Archeology plays an important role in both anthropology and art history. The course examines the structure and formations of the archaeological record and how this is used to reconstruct the nature of ancient societies. The techniques of archaeology are also considered, including field excavation, archaeological site survey and the laboratory analysis of artifacts. (2FO)

ARH 306 Masculinity, Imagery, and the Production of Meaning 3 credits
Prerequisite: 240, GST 200 and 210, or permission. Imagery reflects - and creates - our assumptions about masculinity, manliness, and gender identity. This course introduces the gender studies minor to visual representation and its critical link to these assumptions. We will learn to see, analyze, and add to our understanding of masculinity by connecting it to the production of meaning in art and visual culture. Cross-listed as GST 306. (S2020, S2024)

ARH 330 The Classical World 3 credits
Prerequisite: 240 or HIS 102 or permission. A study of the history and art of the Greeks and Romans through their lives, deaths and their cultural constructs including, but not limited to religion (myth), ritual, politics, the city, athletics, gender relations, and warfare. (F2018, F2022)

ARH 335 The Medieval West 3 credits
Prerequisite: 240 or HIS 102 or permission. A study of the cultures and art in the west, from the Late Roman (Antique) period to the International Gothic style, through the issue driven theme of the struggle for authority. This course can be taken in partial fulfillment of the Catholic Studies major. (F2019, F2023)

ARH 337 The Byzantine East 3 credits
Prerequisite: 240 or HIS 102 or permission. A study of the culture and art in the Byzantine east, from the Late Roman (Antique) period to the fall of Constantinople, through the issue driven theme of interaction and conflict between the east and west including, but not limited to, religious ideologies and politics. (F2020, F2024)

ARH 342 The Renaissance 3 credits
Prerequisite: 240 or HIS 102 or permission. Explores the art of the Renaissance from its beginnings in the Dugento to its dissolution in the 16th century. (F2017, F2021, F2025)

ARH 343 The Age of Kings 3 credits
Prerequisite: 240 or HIS 102 or permission. A study of the art of the Baroque, Rococo, and Neo-Classical periods and how they reflect the changing cultural, political, and religious climate of Europe and the early United States. (ADD)

ARH 344 The Modern World 3 credits
Prerequisite: 240 or HIS 102 or permission. Traces the complex world of art beginning with its roots in the ideas of Romanticism and ending with post World War II American art. Emphasis is placed upon international developments rather than focusing upon one country. (S2021, S2025)

ARH 346 The Contemporary Scene 3 credits
Prerequisite: 240 or HIS 102 or permission. Beginning with the international pop movement in the mid-1950s, the student investigates the contemporary art scene and the changing roles of art and the artist. (S2019, S2023)

ARH 347 Intercultural Art 3 credits
Prerequisite: 240 or HIS 102 or permission. A series of courses that explores the art and cultures which comprise the majority of the world's peoples. Emphasis is placed upon African, Oceanic, Native American, and the Middle and Far Eastern Cultures. May be taken a second time when topics vary. (ADD)

ARH 357 American Art and Architecture 3 credits
Prerequisite: 240 or HIS 102 or permission. An examination of the styles and forms of American visual art from the Colonial period to the present. This course explores the connection between the development of the visual arts and historical and social events in both the United States and Europe and the development of uniquely American artistic styles and forms. (S2018, S2022)

ARH 370 History of Photography 3 credits
This class will piece together a history of photography's 'major trends' from its inception to the present. The class will examine images and image-makers from various time periods and will contextualize the production of photographs with relevant historical and critical writings, films, videos, and photographers' manifestoes. (2SO)

ARH 380 Special Topics in Art History 3 credits
A series of courses with specialized topics based upon current research and the discretion of the instructor. These courses could cover the history of a specific medium such as printmaking or film, or they could explore art created at a specific time or in response to a specific historical event. Guest lecturers. (ADD)

ARH 401 Museum Methods 3 credits
An examination of the development of the collecting, management, organization, business, and ethics of museum administration with special attention paid to the art museum. (ADD)

ARH 460 Internship 3-6 credits
Prerequisites: Art history major with junior or senior status, 3.00 GPA in major, and department permission, interview, and approval of site. An approved internship or work experience related to the study of art history for art history majors. Field experience is contracted between the student and the cooperating establishment with the assistance and approval of the department liaison. The contract includes goals, procedures, credit assignment, supervision, and evaluation criteria. Credits earned in the internship are not included in the 40-credit limit in the student's major. May enroll in three to six credits. Graded S/U. (SEM)

ARH 490 Senior Thesis Seminar 1-3 credits
Prerequisite: Art history major, minor, or by permission. A senior level research class required for all art history majors. Each student researches and writes a major paper on a topic mutually agreed upon by student and art history advisor. They then defend the paper to a panel of three faculty. Student may enroll for one to three credits; may repeat one time for a total of three credits. (FAL)

ARH 499 Independent Study 3 credits
A senior-level research course with a topic mutually agreed upon by the student and the faculty member. May include either an annotated bibliography or a research paper and may be taken more than once if the topics vary. (ADD)

ART 105 Ceramics I 3 credits
Introduction to the creative possibilities of both functional and sculptural ceramics. Creativity and good three-dimensional design are emphasized. The course includes instruction in the basic fundamentals of clay construction, potter's wheel techniques, glaze application, and firing. Six contact hours per week. (FAL)

ART 110 Drawing and Design I: From the Art of the Object to the Art of Self 3 credits
This course provides an introduction to drawing skills and design basics while exploring the major themes of the still life and self---portraiture. Developing observational drawing skills, applying the elements and principles of design, communicating with visual form, and understanding perception will be emphasized along with the historical background of the themes. Gallery and artist studio visits, as well as visiting artists' presentations, provide a contemporary and local context for the concepts of the course. Six contact hours per week. (FAL)

ART 120 Drawing and Design II: The Art of Self to Society 3 credits
This course provides an introduction to drawing skills and design basics while exploring the major themes of the figure (building from the self---portrait), abstraction, and a culminating theme of social impact. Developing observational drawing skills, applying the elements and principles of design, communicating with visual form, and understanding perception will be emphasized along with the historical background of the themes. Gallery and artist studio visits, as well as visiting artists' presentations, provide a contemporary and local context for the concepts of the course. Six contact hours per week. (SPR)

ART 139 Art Appreciation: The Image of Culture 3 credits
This course considers world art, for appreciative and aesthetic purposes, from ancient times to the present. The sequence of study examines works of art as cohesive units in architecture, sculpture, painting, and craft. (FAL)

ART 155 Beginning Photography 3 credits
An introduction and exploration of photography. This course is oriented to the non-art major. Composition, camera manipulation, and basic darkroom techniques are explored. This course is intended to help students make more effective use of their cameras. The course is open to all students but may not be used as the photography requirement for art majors. Four contact hours per week. (ADD)

ART 201 Basic Three-Dimensional Design 3 credits
An introduction to three-dimensional design through the study of the elements and principles of 3D design theory. The elements of 3D design are discussed, utilizing standard terminology. A series of guided exercises and projects help the student understand basic three-dimensional design principles. Six contact hours per week. (FAL)

ART 206 The Theory of Color and Design 3 credits
Color theory and a more intense application of design theories in problem- solving projects. The effect of media and technique on visual communication is explored. Students are now encouraged to critique their own work. Six contact hours per week. (FAL)

ART 220 Watercolor 3 credits
Painting with transparent watercolor. Study of traditional and contemporary styles, composition, and techniques. Six hours contact per week. (2FE)

ART 221 Introduction to Painting 3 credits
Basic instruction and exploration of acrylic and oil painting media and techniques. Color theory and color mixing as they relate to the paint media are studied. Six contact hours per week. (SPR)

ART 226 Typography 3 Credits
This studio course introduces students to the history, aesthetics, vocabulary and process of typography – the study and use of letterforms in graphic design. Students grow their understanding of form, composition, and the expressive potential of typography through a series of typographically focused studio projects. Emphasis is placed on understanding the creative potential and role of typography in meaningful visual communication. Six contact hours per week. (SPR)

ART 229 Graphic Design Principles, Methods, and Practices 3 Credits
The introductory course for the study of graphic design. Students engage in studio opportunities that explore the potential of visual communication through the meaningful interrelation of word and image. Through immersive studio projects, lectures, demonstrations and critiques, students are introduced to the following essential design practices: creative strategy development; iterative design processes; product prototyping tools and production skills; and visual and oral presentation strategies. Six contact hours per week. (FAL)

ART 237 Printmaking I **3 credits**
An introduction to the arts of relief and intaglio printmaking. Students are introduced to basic relief techniques such as the linocut and the woodcut, and to intaglio techniques such as the drypoint and etching. This course fulfills one of the requirements for art education certification. Six contact hours per week. (2FO)

ART 255 Photography I: A Lens on Society **3 credits**
A basic photography course designed to acquaint the student with artistic use of the camera and darkroom. Six contact hours per week. (SPR)

ART 300 Sculpture **3 credits**
The study of sculptural form and composition. This course includes an introduction to a variety of basic sculptural materials and techniques. Six hours contact per week. (2SE)

ART 304 Advanced Drawing **3 credits**
Further development of drawing skills and exploration of drawing media. Students are encouraged to begin developing individual drawing styles. Six contact hours per week. (2SO)

ART 305 Ceramics II **3 credits**
The course increases the student's understanding of the technical aspects of ceramics and explore, in greater depth, the three-dimensional design, narrative, and expressive possibilities of the ceramic medium. Six studio contact hours per week. (2FO)

ART 321 Advanced Painting **3 credits**
Advanced use of preferred painting media. The course explores the use of styles, techniques, and imagery to convey messages, feelings, and ideas. Students are encouraged and guided toward a more personal mode of artistic expression. Six contact hours per week. (SPR)

ART 322 Advanced Two-Dimensional Art **3 credits**
This course explores visual and conceptual expression in a variety of two-dimensional drawing and painting media. The focus of the course is on how media, organizational principles, size, and style of the art contribute to the visual communication. Six contact hours per week. (2SO)

ART 327 Creative Thinking in Graphic Design **3 Credits**
Prerequisite: ART 226 and 229, or faculty permission. This intermediate design studio course introduces strategies and processes for enabling and utilizing creative thinking for the purpose of developing solutions for visual communication problems. Creative thinking will be presented as an innate ability of all people, not a skill magically gifted to a select few. Many perspectives, views and methods of creativity will be presented and explored via studio projects. Special emphasis is placed on integrating traditional media with digital media. Six contact hours per week. (FAL)

ART 329 Computer Graphic Design II **3 credits**
Prerequisite: 229 or permission. This course continues a student's introduction to graphic design software while requiring familiarity with pre-press production processes. Although recommended for students in the graphic design concentration, it is not required. Six studio contact hours per week. (2SO)

ART 331 International Graphic Design **3 credits**
Prerequisite: 226. In this course, students will consider different cultures around the world and the varying ways people deal with visual imagery and message. Students will research, for instance, how the history of Europe, Latino countries, Asia, Africa, India, and the Middle East affects how designers use color, repetition and pattern, scale and words. In addition, students will examine how typography and illustration work together to produce a strong message reflective of culture. (FAL)

ART 336 Moving Murals: Painting for Social Change 3 credits
This course provides historical background on the Mexican Muralist Movement as well as analysis of contemporary murals which emphasize social change. With this framework in mind, students will plan and execute a collective mural as a donation to a community. In addition to studying mural painting techniques, students will learn how to craft a proposal, develop the ideas, and work with the community to create a social impact. (ADD)

ART 341 Design for Social Impact 3 credits
Prerequisite: junior or senior standing. This course introduces students to design processes and skills for social impact, including qualitative design research (human-centered research focused on creating new services, experiences and products) and co-design processes (designing solutions *with* users, rather than *for* users). Students learn course competencies primarily through applied, collaborative, semester-long projects. Six contact hour per week. (2SO)

ART 343 Design for Print Media 3 credits
Prerequisites: ART 226 and 229, or faculty permission. Advanced study and application of systems, principles, and procedures underlying the practice of graphic design as related to print based applications. Through intensive studio projects, students design solutions for visual identity systems, packaging, publication, collateral systems, and advertising applications. Emphasis is placed on audience research, creative concept development, iterative design processes, product prototyping, production/craft, and presentation skills leading to appropriately designed experiences for targeted audiences. Six contact hours per week. (2SE)

ART 349 History, Theory, and Practice in Graphic Design 3 Credits
Prerequisites: ART 226 and 229, or faculty permission. This studio course examines the emergence of the graphic design profession from the 19th century to present day. This examination includes how significant social, political, economic, and technological milestones have shaped and evolved the graphic design profession to where it is today. Students will study major ideas, schools, design movements, and design practitioners through readings, written and visual analyses, and studio projects. Prerequisites: ART 229, 226 or faculty permission. Six contact hours per week. (2SO)

ART 355 Photography II 3 credits
Prerequisite: 255. An advanced course in creative photography and darkroom techniques. Six hours contact per week. (SEM)

ART 365 Methods in Photography I (Darkroom Techniques) 3 credits
Prerequisite: 255. This hands-on course will study 'analog' as opposed to 'digital' capture. Students will create their images with 35 MM film cameras using black and white film stock. Six hours of contact time per week. (2FO)

ART 366 Methods in Photography II (Alternative Processes) 3 credits
Prerequisite: 255. This hands-on class encompasses analog as well as digital capture. Students will create their images with 35 MM, medium format cameras, 'toy cameras,' as well as digital cameras. Black and white 35mm and medium format film stock, as well as Infrared, will be used. The Polaroid transfer process will be a part of this class. We will be using 'new' methods to print our photographs on unusual surfaces with 'liquid light' and other tools. Using the tools of Adobe Photoshop and other digital software, some students may choose to concentrate on digital output, using new papers, materials and software, to create their vision, while others may focus on analog/wet processes. Six hours of contact time per week. (2FE)

ART 371 Introduction to Art Therapy 3 credits
Prerequisite: PSY 230. A survey of art therapy techniques, history, and case studies. One hour lecture, six hours contact per week. Cross-listed as PSY 371. (2FE)

ART 375 Documentary Photography 3 credits
Prerequisite: 255. In this hands-on class students will be given the choice between working in film or digital formats. Students will then conceive their own documentary story framing it in terms of 'narrative' form and taking it through all stages of editing in readying it for their final portfolio. Six hours of contact time per week. (2FE)

ART 380 Special Topics in Art 2-3 credits
Selected topics deemed important by the department to the advancing student in art. May be repeated for credit if topics vary. Depending on the course, student will enroll for two or three credits. (ADD)

ART 381 Special Topics: Indianapolis Art Center 1-2 credits
These select courses are held at the Indianapolis Art Center and are available for college activity credit. For more information, contact the Department of Visual Arts, the Office of the Registrar, or the Indianapolis Art Center. Studio fee required by IAC. Depending on the course, student will enroll for one or two credits. (ADD)

ART 429 Design for Digital Media 3 Credits
Prerequisites: ART 226 and ART 229, or faculty permission. Advanced study and application of systems, principles, and procedures underlying the practice of graphic design as related to digitally based application. Through intensive studio projects students will design solutions for website, e-newsletters, mobile applications, and interactive elements relevant to digital visual content creation. How the designer plays a critical role in defining user experience is explored throughout the research, creative, design, and production processes. Six contact hours per week. (SPR)

ART 460 Art Internship 3-6 credits
Prerequisites: Art major, junior or senior status, 3.00 GPA in major, 104, 106, 201, 206, 221, and highest numbered course in the concentration, portfolio including resume and professional quality slides, and department permission, interview, and approval of site. Field experience is contracted between the student and the cooperating establishment with the approval of the department liaison. The contract includes goals, procedures, credit assignment, supervision, and evaluation criteria. Credits earned in the internship are not included in the 40-credit limit in the student's major. Student may enroll for three to six credits. Graded S/U. (SEM)

ART 461 Art Therapy Internship 1-3 credits
Prerequisites: Junior or senior art major concentrating in art therapy, 3.00 in both art and psychology courses, a 3.00 overall GPA, 371, completed resume, and department permission, interview and approval of site. Field experience is contracted between the student and the cooperating establishment with the approval of the department liaison. The contract includes goals, procedures, credit assignment, supervision and evaluation criteria. Credits earned in the internship are not included in the 40-credit limit in the student's major. Graded S/U. (SEM)

ART 490 Senior Studio Seminar 1 credit
A departmental seminar for majors in art and art history. Fine art and its relationship to the general education topic and assigned readings are discussed. Students are required to participate in a class project and to attend all required convocations. (FAL)

ART 491 Portfolio Preparation and Professional Practices 2 Credits
Prerequisite: Successful completion of junior year portfolio review. Professional practice and portfolio preparation for studio art and graphic design students. Students are mentored toward entry into professional practice or admittance to graduate school through hands-on experiences and preparation of the following products: studio projects proposal writing; artist/designer and exhibition statements; resume and application letter writing; and final senior portfolio development. Emphasis is placed on articulating a personal mission and vision for a sustained vocation in the visual arts. Four contact hours per week. (FAL)

ART 499 Independent Study 1-3 credits
Prerequisite: permission. Advanced work in any art subject, including a planned program while engaged in foreign travel. Studio fee is assessed when department space and equipment are utilized. Student may enroll for one to three credits. (SEM)

BIO 151 General Biology 4 credits
As an introduction to the study of biological sciences, this course includes an investigation of the basic principles of the study of life including the scientific process, macromolecules, cell structure and function, genetics, evolution, and ecology. Not recommended for students intending to major in biology. Three lecture hours and three lab hours per week. This course satisfies general education curriculum standards for the development of scientific knowledge. (SEM)

BIO 198 Introductory Research 1-3 credits
Prerequisite: permission of faculty sponsor. Under the direction and approval of a faculty sponsor, students will learn and implement the basic processes of research. With faculty supervision, students will perform elements of a research project: perform relevant literature reviews, create a valid experiment/research design, submit a proposal, execute an experiment/research design, gather and analyze data, report the results in a written manuscript and by a formal presentation. The faculty and student will negotiate the expectations of the project, paperwork, research, experiment/research design, time commitment and presentation of results as appropriate based on the credit value of the course. Three laboratory hours per week are expected per credit hour. This enhancement course may be repeated up to a total of six credits. (ADD)

BIO 202 Evolution and Ecology 4 credits
This course examines the relationship between organisms and their environment at the organismal, population, community, and ecosystem levels. It also explores the biological underpinnings of evolutionary theory, including mechanisms of evolution, speciation, phylogeny reconstruction, and evidence. Three lecture hours and three lab hours per week. This course satisfies general education curriculum standards for the development of scientific knowledge. (SEM)

BIO 203 Molecular Genetics 4 credits
Prerequisite: one year of high school biology and CHE 151. This course presents the basic principles of molecular genetics describing the role of DNA in appearance, behavior, and disease state. In this course, students will examine inheritance through a Mendelian perspective and more complex forms of inheritance. Three lecture hours and three lab hours per week. (SEM)

BIO 204 Cell Biology 4 credits
Prerequisite: CHE 152. An understanding of electricity and magnetism and/or PHY 111. As a comprehensive survey course, this course emphasizes the cellular, subcellular, and molecular components of eukaryotes, with close attention to the structure-function relationships that govern cellular processes at the molecular level. Topics include, but are not limited to, cellular macromolecules, bioenergetics, membrane structure and function, cell transport mechanisms, structure and function of organelles, cellular metabolism, signal transduction, cellular interaction and communication, and cell movement. The development and improvement of critical thinking practices and proficiency in scientific reading and writing will be emphasized throughout the course. Three lecture hours and three lab hours per week. (FAL)

BIO 205 Experimental Design and Statistical Analysis for Biologists 4 credits
Prerequisite: grade of "C" in MAT 140 or placement into MAT 215 or above. An introductory course in experimental design and data analysis intended to encourage an understanding and appreciation of the role of experimentation, hypothesis testing, and data analysis in biology. The course will emphasize principles of experimental design, methods of data collection, exploratory data analysis, and the use of graphical and statistical tools commonly used by biologists to analyze data. Three hours lecture and two hours recitation each week. This course satisfies the general education standards for foundational intellectual skills in quantitative reasoning. (SEM)

BIO 214 Microbiology 4 credits
A study of bacteria, viruses, and other microorganisms; their morphology, development, and function; techniques of isolation, cultivation, and identification; with emphasis on structure, metabolism, role in disease, and immune responses to infection. Three lecture hours per week and three lab hours per week. This course satisfies general education curriculum standards for the development of scientific knowledge. (SEM)

BIO 216 Medical Terminology 3 credits
The course consists of a series of modules designed to illuminate the principles behind the construction of medical terms and their usage in regard to body systems. The course will emphasize the prefixes, suffixes and word roots utilized in the medical arena. Whether students use this course as a foundation for a career in many different health-related fields, such as medicine, nursing, physical therapy, pharmacy, dentistry, etc., or if students want to carry on an informed conversation with their healthcare provider, this course will help students to analyze and understand a multitude of medical terms as they are encountered. (SEM)

BIO 225 Human Anatomy 5 credits
The content of this course will provide a full description of all the essential aspects of human anatomy. This course is designed to provide all the essential anatomical content required for anyone going forward into a health profession. Four lecture hours and two laboratory hours per week. (SEM)

BIO 226 General Human Physiology 5 credits
BIO 225 and CHE 100 are strongly recommended. The content of this course will provide a full description of all the essential aspects of human physiology. This course is designed to provide all the essential physiological content required for anyone going forward into a health profession. Four lecture hours and three laboratory hours per week. (SEM)

BIO 228 Marine Biology 4 credits
Prerequisite: BIO 151 or 202. This course explores the significant impact oceans have on climate, agriculture, transportation, food supplies, recreational opportunities, economics, and politics. Emphasis in this course will be placed on an understanding of the physical, chemical, biological, and geographical factors of the marine environment that impact our lives. Three lecture hours and two lab hours per week. (2FO)

BIO 265 Geographic Information Systems 3 credits
This course will explore the use of geographic information systems to map and analyze spatial data. A wide range of GIS applications not limited to biology will be discussed. Two lecture hours and two hours laboratory per week. Cross-listed as MIS 265. (2SO)

BIO 280/380/480 Special Topics 1-4 credits
Special topics in biology as deemed necessary by needs of students. The course may include extensive field trips, lab opportunities, or special classes on important topics in biology. May be enrolled for one to four credits. (ADD)

BIO 291 Biology Career Seminar 1 credit
A venue for the presentation of current biological, medical, and environmental career options. The emphasis is on facilitating career pursuits and exposing students to a myriad of post-graduate opportunities early in their career paths. Career planning, preparation and evaluation of appropriate documentation (e.g., resume, c.v., cover letter, thank you letter, etc.), interviewing techniques, and the presentation of one's self in a professional and qualified manner are discussed. (SEM)

BIO 301 Introduction to Epidemiology 3 credits
See PBH 301. (SPR)

BIO 310 Biochemistry 3 credits
See CHE 310. (FAL)

BIO 311 Biochemistry I **4 credits**
See CHE 311. (FAL)

BIO 312 Biochemistry II **4 credits**
See CHE 312. (SPR**)**

BIO 320 Advanced Ecology and Evolution **4 credits**
Prerequisite: 202, 203, 204, 205. A study of the relationships between organisms and their environment at the organismal, population, community, and ecosystem levels. Three lecture hours and three lab hours per week. (ADD)

BIO 321 Conservation Biology and Environmental Law **3 credits**
Prerequisite: 202. This course will examine the causes and consequences of species extinction, and will evaluate strategies to ameliorate species loss, restore habitat, and preserve natural areas and resources. The primary focus of the course will be on the biological mechanisms involved, although material from the fields of ethics, economics, and the social and political sciences will be touched on at times. Three lecture hours per week. (2SO)

BIO 323 Ornithology **4 credits**
Prerequisite: 202, 205. An examination of the evolutionary history, ecology, and behavior of birds. The lab consists mainly of field identification of species found in Indiana. Two lecture hours and four lab hours per week. Lab fee required. (SUM)

BIO 327 Animal Behavior **4 credits**
Prerequisite BIO 151 or 202. Behavioral ecologists seek to understand how the behavior of animals affects their survival and reproductive success. In this course, we will delve into aggression, communication, sexual, mating and other behaviors from an evolutionary perspective and explore the theological implications of doing so. Three lecture hours and three lab hours per week. (2SE)

BIO 329 Plant Biology **4 credits**
Prerequisite: 202, 203, 204, and 205 or instructor permission. Land plants are studied in this course in an evolutionary sequence. The anatomy, morphology, and, where appropriate, physiology, of land plants is discussed, using present day groups to reconstruct the evolution of plants. As each group is introduced, the probable selective advantage for characteristics unique to that group are discussed. Three hours of lecture and one three-hour laboratory per week. (2FO)

BIO 330 Histology **4 credits**
Prerequisite: 202, 203, 204, 205. The microscopic and ultramicroscopic investigation of tissues, including identification of tissues using light microscopy and the study of ultrastructure using electron micrographs. Three lecture hours and three lab hours per week. (ADD)

BIO 334 Human Medical Physiology **5 credits**
Prerequisite: 202, 203, 204, 205, CHE 305-306. The content of this course will provide a full description of all the essential aspects of human physiology. The depth of this course is designed to prepare students for the integrative physiology normally presented in veterinary, dental, or medical schools, or graduate programs in physiology. Five lecture hours per week. (FAL)

BIO 340 Advanced Microbiology **4 credits**
Prerequisite: 202, 203, 204, 205. A survey of microbial diversity with specific attention to the domain Bacteria. Emphasis is placed on microbial evolution and phylogeny and culture-independent or genomic methods for analyzing bacterial communities from local environmental samples. In addition, interactions between non-pathogenic bacteria and their natural habitat will be elucidated by investigating physiological and metabolic characteristics of various groups and their adaptation to specific habitats. Three lecture hours and three lab hours per week. (2FE)

BIO 345 Immunology **3 credits**
Prerequisite: 202, 203, 204, 205, CHE 305-306, or instructor permission. A study of the vertebrate immune system and its relationship to disease and disease resistance. Three lecture hours per week. (SPR)

BIO 346 Immunology Lab **2 credits**
Pre- or co-requisite: 345. This laboratory course will integrate the principles of cell biology and immunology. Techniques employed include, but are not limited to cell culture techniques, PCR and applications, ELISAs, and microscopy. The course is designed for students interested in molecular methods and who aim to do research or gain jobs in fields of cell and molecular biology, microbiology, medicine and medical technology. Three lab hours per week. (ADD)

BIO 350 Developmental Biology **4 credits**
Prerequisite: 202, 203, 204, 205. A study of the development in higher organisms, including molecular processes and morphogenesis. Three lecture hours and three lab hours per week. (ADD)

BIO 351 Kinesiology **3 credits**
See ESS 351. (FAL)

BIO 352 Physiology of Exercise **3 credits**
See ESS 352. (SPR)

BIO 355 Environmental Science and Policy **4 credits**
Prerequisite: 202, 203, 204, 205. Students explore the history and characteristics of modern environmental law in the U.S. The course covers the Clean Air Act, Clean Water Act, solid and hazardous waste management, the Endangered Species Act, and the National Environmental Policy Act. Students also gain experience in phase one and two environmental assessment, and other environmental science techniques. Three hours lecture and three hours lab each week. (ADD)

BIO 360 Junior Internship **1-3 credits**
Prerequisite: Permission of instructor. 202, 203, 204, 205 recommended. The junior internship in biology permits students with junior standing to earn academic credit for work or volunteer activity that deals with the biological sciences or prepares the student for graduate and or professional school. The internship is designed to integrate classroom knowledge with practical work experience in the student's chosen area of study. Students are evaluated by their on-the-job supervisor and by their monitoring faculty member. Students also present both a written and oral summation of their experience. A minimum of four hours of actual work experience per week, or 60 hours during the semester, is required for each credit to be earned. Enrollment in the course is arranged after review and approval of the proposed internship by program faculty. This course may be repeated for an accumulated total of six credits. (SEM)

BIO 361 Introductory Field Biology I **1-3 credits**
Prerequisite: 202, 203, 204, and 205 or instructor permission. A beginning off-campus field experience in biology. Students will travel to a location and learn the biology of that location in-depth. Students will enroll in from 1-3 credits based on the length of this field experience. (ADD)

BIO 362 Introductory Field Biology II **1-3 credits**
Prerequisite: 361. A continuation of 361, but in another location. Students will enroll in from 1-3 credits based on the length of this field experience. (ADD)

BIO 370 Evolution **3 credits**
Prerequisite: 202 or instructor permission. This course examines the biological underpinnings of evolutionary theory, including mechanisms of evolution, speciation, phylogeny reconstruction, and evidences. It then explores the effect of Darwin's theory on a wide range of disciplines, including language, art, literature, history, theology, political science, and sociology. Three lecture hours per week. (ADD)

BIO 373 Zoology **4 credits**
Prerequisites: 202, 203, 204, and 205. This course examines the basic principles of zoology, including animal structure and function, evolution, behavior, and development. Three lecture hours and three lab hours per week. (2 FE)

BIO 398 Directed Junior Research **1-4 credits**
Prerequisite: 202, 203, 204, 205, and permission. Under the guidance of a faculty sponsor, students identify a research topic, perform a literature review, create a research design, gather and analyze data, and report their findings with an APA-style manuscript and formal presentation. Papers deemed to be of sufficient quality by the faculty sponsor may be presented at a regional research conference. (ADD)

BIO 410 Cell Physiology **4 credits**
Prerequisite: 203, 204, 205; CHE 311-312 are not required but are strongly recommended. A study of molecular and cellular biology with emphasis on the molecular bases of cellular metabolism, membrane phenomena, internal and trans-nuclear cellular communication, and structure-function relationships. The depth of this course is designed to prepare students for the integrative physiology normally presented in professional or graduate programs in the health and life sciences. Two lecture hours and six lab hours per week. (ADD)

BIO 415 Genomics and Advanced Genetics **3 credits**
Prerequisite: 203. This course presents the current ideas in genetics by using primary literature to discuss topics that include but are not limited to cancer, epigenetics, micro-RNA, pharmacogenetics, and gene expression. In particular, this course will focus on genomics and its impact in society. Three lecture hours per week. (2FE)

BIO 434 Advanced Physiology of Exercise **4 credits**
See ESS 434. (SPR)

BIO 440 Principles of Bioinformatics **4 credits**
Prerequisite: 202, 203, 204, 205, and CHE 305-306 or instructor permission. This course presents the essential components of bioinformatics as a scientific discipline for the organization and analysis of DNA sequence data, development of homology models and docking studies to determine in silico receptor-ligand interactions. In this course, students will be provided with an overview of the scope of modern tools designed to solve practical problems in sequence data analysis and management, comparisons of available databases, and computational analysis tools relevant to biological research. Three lecture hours and three lab hours per week. (ADD)

BIO 454 Bioassays **5 credits**
Prerequisite: BIO 204, 205, and CHE 306. This course is designed to provide a platform to interpret, critically analyze, and execute expanded cell and molecular biology techniques. This course will explore the theoretical origins and biological principles that underlie common methodologies in research and expose students to practical learning opportunities in cell culture, western blotting, ELISA, and gene and protein cloning, expression, and analysis. In addition, students will develop basic research skills and expand written and oral scientific communication. Five hours of lecture and hands-on learning per week. (2SO)

BIO 460 Internship in Biology 1-6 credits
Prerequisite: Permission of instructor. 202, 203, 204, 205 recommended. The internship in biology permits students to earn academic credit for work or volunteer activity that deals with the biological sciences or prepares the student for graduate and/or professional school. The internship is designed to integrate classroom knowledge with practical work experience in the student's chosen area of study. Students are evaluated by their on-the-job supervisor and monitoring faculty member. Students also present both a written and oral summation of their experience. A minimum of four hours of actual work experience per week or 60 hours during the semester is required for each credit to be earned. Enrollment in the course is arranged after review and approval of the proposed internship by program faculty. This course may be repeated for an accumulated total of six credits. (SEM)

BIO 462 Environmental Education and Interpretation 2 credits
Prerequisite: 202, 205. Students will learn to "interpret" nature to a variety of audiences. The students will then apply the interpretive process to programs developed for the Nina Mason Pulliam EcoLab at Marian University. One lecture hour and three lab hours per week. (ADD)

BIO 463 Restoration Ecology 3 credits
Prerequisite: 202, 205. In this course, students will learn the basic principles and process of ecological restoration and apply it to specific projects within the Marian University Ecolab. Two lecture hour and two lab hours per week. (2FO)

BIO 470 Nutritional Biochemistry 3 credits
See ESS 470 (SPR)

BIO 472 Invertebrate Biology 4 credits
Prerequisite: 202, 203, 204, 205. This course is designed to present students with the diversity of invertebrate life with an emphasis on the developmental biology of invertebrates, their major body plans, evolutionary interrelationships, and ecology. The overlying themes of the presentations will be the structure and function of each system, and to the placement of topics into a framework of evolutionary adaptive significance. Three lecture hours and three lab hours per week. (ADD)

BIO 474 Vertebrate Biology 4 credits
Prerequisite: 202, 203, 204, 205. This course is designed to familiarize students with morphological and anatomical features of vertebrate animals from a comparative evolutionary perspective. The morphological and anatomical forms of vertebrates will be examined in the context of their functional significance and evolutionary history. The course will cover both historical and modern views on comparative anatomy, the underlying biology of tissue-organ systems, and evolutionary perspectives on the origin, maintenance, and diversification of form among the vertebrates. Three lecture hours and three lab hours per week. (ADD)

BIO 490 Biology Seminar 1 credit
The Senior Seminar addresses the university-wide general education senior theme and text for the year. The common senior experience includes discussion sessions, convocation presentations, and an assessment based upon general education goals. Attendances at convocations are required. (FAL)

BIO 491 Biology Capstone 1 credit
During this course, students will complete their Senior Presentation, a multiple-draft paper written over the course of the semester accompanied by a 15 minute seminar on the paper's topic. (SEM)

BIO 498 Directed Senior Research 1-4 credits
Prerequisites: 202, 203, 204, 205, and permission. Under the guidance of a faculty sponsor, students identify a research topic, perform a literature review, create a research design, gather an analyze data, and report their findings with an APA-style manuscript and formal presentation. Papers deemed to be of sufficient quality by the faculty sponsor may be presented at a regional research conference. (ADD)

BIO 499 Independent Study 1-4 credits
Prerequisite: 202, 203, 204, 205, and permission. An independent investigation of a topic in biology. The student must obtain the approval of the program faculty to begin the project and must have a written report accepted by the program faculty to receive credit at the completion of the project. May enroll for one to four credits. (ADD)

BUS 101 Introduction to Business 3 credits
A survey of the field of business. Students acquire an understanding of and appreciation for business functions and career opportunities. All major aspects of business activity are covered. (SEM)

BUS 109 Business Plan Competition 9 credits
This course provides students with an integrated, collaborative and experiential introduction to business in which students collaboratively complete a substantial business project that draws upon the specific theories, tools, methods and knowledge acquired in accounting, economics, and business. Students completing this course will begin to acquire: (1) an understanding of and appreciation for business functions and career opportunities, and (2) the specialized and intellectual skills of the accountant, economist, and business manager. This course partially satisfies general education curriculum standards for the development of behavioral and social knowledge. (SEM)

BUS 200 Careers in Business: Research and Internships 2 credits
Prerequisite: BUS 109 or permission. This course is designed to help students explore careers in business and prepare for their required internship in business. Students build a resume and become acquainted with various features of KnightWork and social media that facilitate the job search process. The course concludes with a professionally administered mock interview. (SEM)

BUS 201 Business Plan Implementation 1-6 credits
Prerequisite: 109 and permission. This course is offered to students whose BUS 109 business plan was recognized as the best business plan by a panel of business executives. As winners of a prior semester's BUS 109 business plan competition, students are awarded seed money to open their business on campus. Students manage all aspects of the business. Credits determined by instructor. May count for elective business experience. Graded S/U. (SEM)

BUS 205 Statistical Methods 3 credits
Prerequisite: MAT 095. A study of the basic concepts and methods of statistics, including descriptive statistics, probability, sampling theory and practice, hypothesis testing, and correlation. Computers are introduced as tools of analysis. A basic statistics course for students from fields in which statistics find application. This course satisfies the general education standards for foundational intellectual skills in quantitative reasoning. Cross-listed as ECN 205. This course is only offered in the MAP program. (ADD)

BUS 209 Quantitative Analysis of Business 9 credits
Prerequisite: 109 and sophomore status. This course utilizes an integrative, collaborative and experiential approach to engage students in the quantitative analysis of business problems. Students are required to complete a substantial business analysis project that draws upon the specific theories, tools, methods and knowledge acquired in principles of management, principles of marketing, and statistical methods. Students completing the course will acquire: (1) an understanding of and appreciation for a quantitative approach to problem solving, and (2) the analytical skills necessary to tackle contemporary problems in business. This course satisfies the general education standards for foundational intellectual skills in quantitative reasoning. (SEM)

BUS 217 New Media Marketing 3 credits
Prerequisite: BUS 109. This course is designed to teach and expose students to emerging digital media's role in business marketing. Students will learn to create a digital media plan and business related social media sites (such as blogs, Facebook, LinkedIn), perform media plan analytics, and discuss legal aspects of digital media marketing. (SPR)

BUS 240 Principles of Marketing 3 credits
Prerequisite: 101 or permission. A study of the process of planning and implementing the business activities that facilitates and expedites development of satisfying exchange relationships through the creation, distribution, promotion, and pricing of goods, services and ideas. This course is only offered in the MAP program. (ADD)

BUS 250 Principles of Management 3 credits
Prerequisite: 101 or permission. This course is designed to present a realistic picture of the content of modern managerial challenges. It includes a study of the fundamentals of management principles and techniques for all fields of business: business objectives, policies, functions, executive leadership, organization structure and morale, operative and control procedures. This course is only offered in the MAP program. (ADD)

BUS 260 Business Practicum 1-3 credits
Prerequisites: School of Business permission prior to the start of classes each semester and freshman or sophomore class standing. Students work in supervised public or private industry positions related to business applications. Practica are expected to be entry-level positions which give students an introduction to administrative business practices and policies. Placements may or may not be paid positions. Students are evaluated both by their supervisor on the job and by means of a paper submitted as an end-of-course project to the monitoring faculty. A minimum of 60 hours of actual work experience is required for each credit earned. Graded S/U. (ADD)

BUS 262 Foundations of Entrepreneurship 3 credits
Prerequisite: 109 or permission. This course introduces the basic elements of cash flow management and the business plan, and prepares students for the more advanced presentation of these concepts offered later in the program. Students learn the concepts of opportunity scanning and opportunity recognition. Students conduct a self-assessment to help them better understand their personal values and aspirations to help guide their entrepreneurial career. The variety of types of entrepreneurial ventures are introduced. (SPR)

BUS 280, 380, 480 Special Topics in Business 1-4 credits
Selected topics of interest in the field of business. (ADD)

BUS 290 Business Career Seminar 3 credits
Prerequisite: BUS 109 or permission. This course develops students' abilities to successfully handle many of the challenges faced when approaching the job market either as job seekers or as prospective employers. Career planning, industry research, preparation and evaluation of appropriate documentation (resume, cover letter, thank you letter), and interviewing techniques are addressed. Peer coaching and evaluation are stressed. (SEM)

BUS 301 Business Law 3 credits
Prerequisite: 101. A study of the legal relationships of various business entities and the nature of law and the court systems. Topics include constitutional law, torts, contracts, crimes, commercial law and sales, property, litigation, alternative dispute resolution, agency, partnerships, corporations, unfair competition, securities regulation, antitrust and international law. (SPR)

BUS 305 Business Research Methods 3 credits
Prerequisite: 209. Students prepare a research paper applying statistical methods to real-world applications. (ADD)

BUS 309 Comprehensive Analysis of Business 9 credits
Prerequisite: 209. This course utilizes an integrative, collaborative and experiential approach to engage students in comprehensive analyses of business problems. This course builds on BUS 109 and BUS 209 through the analysis of live problems and issues provided by businesses that partner with the Byrum School. A team of three instructors deliver course content related to the specific theories, tools, methods and knowledge from finance, law, strategic management and previous coursework. Students completing this course will acquire (1) an understanding of and appreciation for actual business problems and issues, and (2) the ability to assess and solve problems that involve strategic interaction within and among competing firms. (SEM)

BUS 311 Sport Facility and Event Management 3 credits
See ESS 310. (SPR)

BUS 313 Fundraising Concepts and Best Practices 3 credits
This course is built to give students a basic introduction of theories and concepts of fundraising. Topics of focus include: prospect research, donor and recipient relationships, roles of the staff and board in fundraising, feasibility studies, major donor solicitations, maintaining ongoing fundraising and donors, corporate and foundation fundraising, ethics, and special campaigns. This course is only offered in the MAP program.

BUS 321 Growing Trends: Harnessing Technology in Fundraising 3 credits
As recent studies have indicated, every nonprofit can benefit from leveraging the web for fundraising efforts. Technology is a vital tool that should be integrated into every fundraising initiative. This course will expose students to technology that can help lead to online fundraising success, including exposure to various fundraising software, channels and payment methods. In addition, students will explore the role technology plays in creating and executing a development plan that is sustainable, professional, and cost-effective fundraising. Topics include defining technology as it relates to fundraising, strategic plans for technology, the role of websites in fundraising, online giving, donor management software, crowdsourcing and communication with technology. This course is only offered in the MAP program.

BUS 325 Business Consulting: A-Team 1-3 credits
Prerequisites: Summer workshop participation and permission of instructor. Business Creation and Development Consulting ("the A-Team") is an experiential exercise which places the student in the business environment in order to add value to an existing business. This is a project-oriented experience in which students work in teams with the principal of a business to address a business problem or opportunity. This course can be repeated; only three credits can count toward the major. May count for elective business experience. (SEM)

BUS 327 The Art of the Ask: Identifying, Engaging and Soliciting Donor 3 credit
This course will provide perspectives from both highly successful fundraisers and philanthropist on how to identify, engage and solicit donations for your cause. First, students will learn how to identify the right donor for your cause. Students will learn how to use cost-effective research tools, accessing free information, and evaluating a prospect's ability and inclination to give. Once funding prospects are identified, fundraisers need to understand how to solicit these individuals and/or organizations. Asking for a gift is both an art and a science. Without an understanding of the most effective methods of asking for financial support, no fundraiser responsible for soliciting gifts from individuals, corporations, or foundations can succeed. In this course, highly successful fundraisers will discuss their approaches to fundraising and strategies they implement when making their ask. In addition, philanthropist will be invited to report on how he or she reacts to a particular ask. This course is only offered in the MAP program.

BUS 330 Leadership 3 credits
Prerequisite: 209 or 250. A study of the theory and practice of leadership, the most current research trends and models, as well as the basic components of leadership. This course is only offered in the MAP program. (ADD)

BUS 331 Corporate Social Responsibility 3 credits
The world of Corporate Social Responsibility is evolving. Every day brings new philosophies, theories, best practices and metrics, and there is no singular 'right way' to practice this business model. This class will identify the primary frameworks for Corporate Social responsibility, then review news articles, resources and case studies in order to understand the reasons for CSR initiatives, identify potential challenges or opportunities, and determine efficacy of each program. After this program, each student will be able to understand the potential impacts of CSR on business, identify ways in which these initiatives may be applied in their day to day operations and find connection points between the corporate world and social programs. This course is only offered in the MAP program.

BUS 338 Global Marketing 3 credits
Prerequisite: 209 or 240. A study of world markets and the legal, economic, and cultural conditions influencing marketing abroad. Examines the marketing issues required to identify and evaluate the product, price, promotion, and distribution demands in global markets. Elements of an international marketing plan are discussed and developed. (SPR)

BUS 341 Promotion 3 credits
Prerequisite: 209 or 240. A study of the elements of the promotion mix from a managerial perspective. Topics include developing objectives used by firms to advance their products, promotional positioning and advertiser roles, strengths and weaknesses of advertising media and forms of publicity, roles of salespersons in personal selling, and types of sales promotion and reasons for their use. (FAL)

BUS 342 Selling and Sales Management 3 credits
Prerequisites: 209 or 240. A study of the management of the selling function, including sales communications, theories of motivation, ethical and legal issues in the selling profession, the organizational buying process, and the elements of personal selling. Students demonstrate individual sales proficiency through case study presentations and role plays. (SPR)

BUS 344 Marketing Research 3 credits
Prerequisite: 209. A study of the nature and scope of marketing research and its applications to marketing management. The course provides an overview of the primary uses of marketing research along with a review of the various tools and techniques of marketing research. The student learns how to apply the basic marketing research principles in decision making and planning through study materials and projects. (SPR)

BUS 345 Strategies of Meeting and Event Planning 3 credits
This course will expose students to the strategies and desired skill sets that are required when coordinating meeting and event planning. This course will focus on conceptualizing, analyzing, and planning considerations of small and large scale community events and corporate and community meeting events. This course will also explore the requirements of event planning as a profession and focus on the core characteristics of a successful event and meeting planner in any given environment. This course is offered only in the MAP program.

BUS 346 Marketing Management 3 credits
Prerequisites: 209 or 240, or permission. An advanced marketing course that builds upon introductory marketing principles and concepts. The course addresses the analysis of marketing opportunities, the development of marketing strategies, the management of marketing programs, and the challenges confronted in international marketing. This course is only offered in the MAP program. (ADD)

BUS 348 Sport Marketing and Sponsorships 3 credits
Prerequisite: BUS 209. A comprehensive study of marketing and sponsorship as it relates to the sport industry. This course is designed to provide the sport manager with an overview of the sport industry with emphasis on: defining sport marketing principles as they apply to the sport industry; understanding consumer behavior, media relations, public relations, publicity, sales and distribution, and sponsorship within the sports world. Emphasis will be placed on practical experience conceptualizing, designing and presenting a sport marketing plan, and a sponsorship proposal packet. (FAL)

BUS 350 Operations Management 3 credits
Prerequisites: 209, or 205 and 250, or permission. A study of modern analytical techniques and methods employed in operations planning and control. Topics include TQM, inventory management, MRP, and JIT. (SPR)

BUS 351 Human Resources Management 3 credits
Prerequisite: 209 or 250. A study of the objectives, organization, policies, and activities in typical human resource programs and of the problems encountered in their effective administration. Topics include recruiting, selecting, placing, training, safety, health employee services, wage and hours administration, labor-management relations, and personnel research. (FAL)

BUS 352 Organizational Behavior 3 credits
Prerequisite: 209 or 250. A study of the nature of behavior in organizations as a function of the individual, the groups within which an employee interacts, and the organizational setting. Emphasis on applications of behavioral science concepts and findings to individual behavior and organizational performance. (SPR)

BUS 358 Employment Law 3 credits
Prerequisite: 209 or 301. A study of the multiple legal issues faced by managers in the modern workplace, beginning with a survey of basic legal terminology and institutions, followed by a discussion of employment relationships, labor unions and collective bargaining, case law impacting contemporary concerns such as ADA, ADEA, FMLA, OSHA worker's compensation, Title VII of the Civil Rights Act, employment at will, wrongful termination and reduction-in-force, workplace violence, risk analysis and insurance coverage, unfair competition issues, privacy and the electronic workplace, preventative law and compliance policies, alien workers, and the Foreign Corrupt Practices Act. (FAL)

BUS 359 Logistics of Meeting and Event Planning 3 credits
Co-requisite: BUS 345. This course is built on the evaluation and analysis of a variety of case studies, which expose the different strategies most effective in meeting and event planning, from beginning stages to the end of event evaluation. Through this analysis and exposure, students will recognize problems, solutions and best practices throughout the process of planning a meeting or an event. Students will identify problems and propose solutions in the case studies to anticipate necessary preventative measures to ensure a successful meeting or event. Students will be exposed to the consequences of a poorly planned meeting or event through case study analysis, as well as risk management and liability issues that may arise in the planning process of meeting and events, recognizing and understanding preventative and responsive measures to minimize damaged events and relationships. This course is offered only in the MAP program.

BUS 360 Internship in Business 1-6 credits
Prerequisites: 209, 290 and School of Business permission prior to the start of classes. Students work in supervised public or private industry positions related to their specific areas of study. Positions are expected to be at least at the managerial trainee level. Placements may or may not be paid positions. Students are evaluated by their supervisor. A reflection piece is submitted at the end of the internship. A minimum of 60 hours of actual work experience is required for each credit earned. The course may be repeated in subsequent semesters for an accumulated total of six credits. A second internship may count for elective business experience. Graded S/U. (SEM)

BUS 361 Talent Management 3 credits
Prerequisite: 209 or 250. A comprehensive approach to the acquisition, staffing, selection and development of employees within an organization. This course integrates the use and value of technology in recruitment, staffing, selection, social media, organization entry, socialization, performance management, training, career development, skills enhancement, succession planning and retention strategies. (FAL)

BUS 362 Compensation and Benefits 3 credits
Prerequisite: 209 or 250. This course places emphasis on applications, concepts, management and theory of pay practices, benefit programs, and human capital cost-effectiveness. The course concludes with an introduction to human resource auditing. (SPR)

BUS 363 Global Human Resources 3 credits
Prerequisite: BUS 209. A study of theories, approaches and processes to managing people in a global context. Examines the challenges of cross-cultural and diverse workforces from the variables that confront domestic and global human resource management. Elements of global human resources are discussed from the perspective of the organizational context (e.g. host-country national) which includes strategic management; human capital utilization (recruitment and planning); talent management (training and development and performance management); total rewards (compensation and benefits); regulatory compliance, industrial relations and risk management (safety). (FAL)

BUS 364 Negotiations and Relationship Management 3 credits
Pre-requisite: BUS 345 and 359. In this course, students will focus on learning and perfecting the skills associated with negotiation, contracting and safety assurance for a successful meeting/event occasion through the understanding of relationship building and relationship management concepts in the industry. Special attention will be given to branding, the building of brand connections and networking. The course will include a variety of panelists and guest speakers on contract negotiation, safety guidelines and the power of relationships. This course is offered only in the MAP program.

BUS 365 Internship in Not for Profit Organization 1-3 credits
Prerequisite: School of Business permission prior to the start of classes each semester and junior or senior class standing. This internship experience is designed to give on-the-job educational experiences with not-for-profit organizations to qualified students majoring in the business department. Students work in supervised positions related to their specific areas of study. Positions are expected to be at least at the managerial trainee level. Placements may or may not be paid positions. Students are evaluated by their supervisor. A reflection piece is submitted at the end of the internship. A minimum of 60 hours of actual work experience is required for each credit earned. A second internship may count for elective business experience. Graded S/U. (SEM)

BUS 369 Capstone, Technology, Promotion and Execution of an Event 3 credits
Co-requisite: BUS 364. This course will tie it all together and culminate in the execution of an event for the chosen program partner during the final week of the course. This course finalizes the required steps for effecting meeting/event planning. Students will also explore the many types of specific technology needs of all participants. Students will focus on managing the event in a manner that can be used as a marketing tool to promote the organization, covering advertising, promotions, sales, and consumer behavior and how to evaluate and predict consumer behavior in event planning strategies learned previously. This course is offered only in the MAP program.

BUS 372 Creativity and Change 3 credits
Prerequisite: 209 or 262. This course acquaints students with theories and strategies for exercising the creative process. Leadership and change are also examined to help the students understand how to effectively introduce and implement new and creative ideas. (SPR)

BUS 395 Applied Managerial Decision Making 3 credits
Prerequisite: 209. Students acquire an understanding of and an appreciation for the challenges faced by managers when confronted with personal and competitive decision-making situations in their roles as leaders, team members and business professionals. Decision-making concepts and theoretical models are introduced along with discussions of management literature, current events and business cases. Students make strategic and operational decisions while participating in a competitive business simulation. (SPR)

BUS 400 Careers in Business: Job Search and Professional Development 1 credit
Prerequisites: BUS 200 or 290 and BUS 360 or 365; or permission. A course designed to enhance rising seniors' ability to successfully launch and manage the early stages of their career in business. Course emphasis builds upon and integrates career fundamentals, internship experiences, academic accomplishments, and personal achievements. (SEM)

BUS 401 Business Ethics 3 credits
Prerequisite: Senior class standing or permission. Integrates the general education theme and readings. Attendance at convocations required. This course deals with a study of the role of ethics, morality, and social responsibility in the business environment. Students are challenged to better understand the role of business managers in dealing with difficult ethical dilemmas, improve their skills in analyzing and resolving business issues and ethical conflicts, and to critically examine assumptions and values that stakeholders have in complex business decisions which raise ethical issues. The case study method is used extensively to review topics such as consumer product safety, truth in advertising, affirmative action, sexual harassment, employee rights and responsibilities, whistleblowing, conflicts of interest, and workplace safety. (SEM)

BUS 423 Data Mining for Business Analytics 3 credits
Prerequisites: CST 170; MAT 322; MIS 310. This is the capstone course for the business analytics major. Students who successfully complete the course will be prepared to organize and analyze large data sets from a variety of sources, utilize and interpret "big data", and strategically utilize the results within an organization's decision-making process. Familiarity with a statistical programming language is assumed. (SPR)

BUS 430 Strategic Leadership 3 credits
Prerequisite: BUS 209 plus 2 additional 300 level management courses. Designed as the capstone course in management, Strategic Leadership identifies and develops various attributes commonly associated with effective leadership in business. A combination of study and application provide opportunities for students to develop the skills necessary to navigate challenges that arise as managers interact with stakeholders to achieve the goals of the firm. (FAL)

BUS 446 Strategic Marketing 3 credits
Prerequisite: BUS 209 plus 2 additional 300 level marketing courses. This is the upper level capstone marketing course. This course combines the introductory and mid-level marketing principles and planning coursework into long-term strategic level review. The course addresses the analysis of long-term company vision and marketing opportunities, the review of marketing case studies, the strategy of marketing programs, and the challenges confronted in international marketing. The emphasis of the course is on critical business thinking, planning, and actions. (SPR)

BUS 450 International Business 3 credits
Prerequisite: 209 or 250. A course designed to study the present and future implications of international trade and its economic impact on the United States. Emphasis is placed on the analysis of case studies and current affairs in the context of international business. (FAL)

BUS 495 Business Policy and Strategy 3 credits
Prerequisite: FIN 310 and senior class standing, or permission. This course serves as the academic "capstone experience" for business administration, management, and marketing majors. Through a survey of strategic management and policy formulation theory along with participation in a competitive management simulation experience, students acquire an understanding of and an appreciation for the complexities of decision-making at the corporate level. Students prepare written case analyses involving business strategy and make oral presentations of their competitive activities within the simulation. (SEM)

BUS 499 Independent Study 1-3 credits
Prerequisite: Permission and junior or senior business administration major. Guided readings and research. (ADD)

CHE 100 Elements of General and Biological Chemistry 4 credits
An introduction to the principles of general chemistry, organic chemistry, and biochemistry. This course is designed for students in the health science areas. Four lecture hours per week. (SEM)

CHE 110 Fundamentals of General, Organic, and Biological Chemistry I 4 credits
Prerequisite: High school chemistry or instructor permission. Also, high school algebra or MAT 105. A broad-based introduction to the essential topics of general chemistry, organic chemistry, and biochemistry. This course is designed primarily for students seeking a B.A. in Biology, and does not count towards degree credit for a B.S. in biology or for any chemistry degree. Three lecture hours and three lab hours per week. (ADD)

CHE 111 Fundamentals of General, Organic, and Biological Chemistry II 4 credits
Prerequisite: 110 or instructor permission. A continuation of CHE 110. This course is designed primarily for students seeking a B.A. in Biology, and does not count towards degree credit for a B.S. in biology or for any chemistry degree. Three lecture hours and three lab hours per week. (ADD)

CHE 151 General Chemistry I 4 credits
Prerequisite: One year of high school chemistry, or introductory-level college chemistry, or instructor permission. Also, high school pre-calculus with a grade of "C" or better, or MAT 145. A study of the fundamental laws, principles and theories of chemistry, including the elements and their compounds, types of chemical reaction, structures of atoms and molecules, states of matter, reaction rates, and chemical equilibrium. Three lecture hours and three lab hours per week. This course satisfies general education curriculum standards for the development of scientific knowledge. (FAL)

CHE 152 General Chemistry II 4 credits
Prerequisite: 151. A continuation of CHE 151. Three lecture hours and three lab hours per week. (SPR)

CHE 253 Accelerated General Chemistry 5 credits
Prerequisite: Instructor permission. An accelerated study of the fundamental laws, principles and theories of chemistry, including the elements and their compounds, types of chemical reaction, structures of atoms and molecules, states of matter, reaction rates, and chemical equilibrium. This course is designed for students with sound backgrounds in general chemistry and mathematics who would benefit from a more rigorous foundation for later upper division courses. Three lecture hours and, three lab hours, and one recitation hour per week. (ADD)

CHE 270 Environmental Chemistry 4 credits
Prerequisite: 110 or 152. The chemistry of the atmosphere, water, and soil, and a study of the environmental problems associated with air and water pollution, and chemical waste. Laboratory focuses on analytical techniques used in the detection and measurement of environmental pollutants. Three lecture hours and three lab hours per week. (2FO)

CHE 275 Practical Computational Chemistry 2 credits
Prerequisites: 152 or equivalent preparation. Students taking this course will learn to model the geometries, energies, spectra, and other properties of molecules using a variety of computational techniques. The focus of this course is hands-on and project-based, with minimal emphasis on theory. No previous experience with quantum mechanics beyond general chemistry is required. Subject to project approval, calculations will make use of national supercomputing resources. Two lecture hours per week. (ADD)

CHE 298 Introductory Research 1-4 credits
Prerequisite: 151 or higher, university-level chemistry laboratory experience, and instructor permission. This course provides the opportunity for students with a strong interest in chemistry to carry out laboratory or computational research on a topic chosen by agreement with a faculty member, perform appropriate literature searches related to their chosen topic, analyze data, and report their findings through a written report and a public presentation. Students may enroll for one to four credits per semester in consultation with faculty advisor. Course expectations scale with the number of credit hours attempted. One credit corresponds to 3 hours of lab work per week, or the equivalent. The course may be repeated for up to a total of four credits. (SEM)

CHE 300 Analytical Chemistry 5 credits
Prerequisite: 152 or equivalent preparation. A study of the theory and techniques of quantitative chemical analysis, including gravimetric, volumetric, and spectrophotometric methods together with chemical calculations involving aqueous reactions and equilibria. Three lecture hours and six lab hours per week. (FAL)

CHE 305 Organic Chemistry I 4 credits
Prerequisite: 152 or equivalent preparation. A study of the principles of organic chemistry and the chemical and physical properties of organic molecules, including an overview of the most common elementary steps of organic mechanisms. Laboratory focuses on fundamental laboratory techniques in organic chemistry, general synthetic methods, and introductory green chemistry problem-solving skills. Three lecture hours and three lab hours per week. (FAL)

CHE 306 Organic Chemistry II 4 credits
Prerequisite: 305 with a grade of C- or better. A continuation of CHE 305. A study of the principles of organic chemistry and the chemical and physical properties of the major classes of organic compounds. An emphasis is placed on problem-solving using organic reaction mechanisms. Laboratory focuses on intermediate laboratory techniques in organic chemistry, spectroscopic methods of compound identification, synthetic methods, and green chemistry problem-solving skills. Three lecture hours and three lab hours per week. (SPR)

CHE 310 Biochemistry 3 credits
Prerequisite: CHE 305 or instructor permission. A study of the biomolecules that make up living systems and their function; enzyme action, kinetics, and inhibition; cellular metabolism and energy processes; the storage and transfer of biological information. Three lecture hours per week. Cross-listed as BIO 310 (FAL)

CHE 311 Biochemistry I 4 credits
Prerequisite: CHE 306 or instructor permission. A study of the essential topics of modern biochemistry, presented both from the perspective of the chemical mechanisms at work and their role in regulation of a chemical pathway. The laboratory sessions are designed to provide students with opportunities to gain hands-on understanding of many of these topics. Three lecture hours and three lab hours per week. Cross-listed as BIO 311(FAL)

CHE 312 Biochemistry II 4 credits
Prerequisite: CHE 311. A continuation of CHE 311. Three lecture hours and three lab hours per week. Cross-listed as BIO 312
(SPR)

CHE 315 Environmental Toxicology 3 credits
Prerequisite: 306 or instructor permission. A study of the impact of environmental toxicants on living systems, including types of exposure, acute and chronic effects, species differences, mechanisms of carcinogenesis and teratogenesis, and a survey of the major classes of chemical agents commonly encountered in our living environment. Three lecture hours per week. (2FE)

CHE 325 Physical Chemistry I 4 credits
Prerequisites: 152 or equivalent preparation and MAT 231, or instructor permission. A study of the physical basis of chemistry including classical and statistical thermodynamics, chemical kinetics, quantum mechanics, and the fundamental principles of atomic and molecular spectroscopy. Laboratory focuses on the application of the methods of physical chemistry to experimental measurements and data analysis and the solution of theoretical problems using computer-based and other methods. Three lecture hours and three lab hours per week. (2FO)

CHE 326 Physical Chemistry II 4 credits
Prerequisite: 325. A continuation of CHE 325. Three lecture hours and three lab hours per week. (2SE)

CHE 360, 460 Internship in Chemistry 2-6 credits
Prerequisites: 18 credits in chemistry courses numbered 151 or above, and department permission. The internship in chemistry is designed to give qualified students the opportunity to obtain credit for work conducted off-campus. Work experience at national laboratories, major research institutions, and within the chemical industry may qualify. Placement is arranged after a review of the proposed experience has been approved by the department faculty. Periodic reports must be submitted by the student and the sponsoring institution. A minimum of 200 hours of work experience in chemistry is required to earn three credits. May enroll for two to six credits. Graded S/U. (SEM)

CHE 380, 480 Special Topics in Chemistry 3-4 credits
Prerequisite: 152 or equivalent preparation. Special topics in chemistry may include field trips, lab opportunities, or special classes on important topics in the field. (ADD)

CHE 410 Advanced Organic Chemistry 3 credits
Prerequisites: 306. Advanced topics in structure, synthesis, mechanisms, and reactions of organic chemistry. Three lecture hours per week. (2SE)

CHE 420 Instrumental Analysis 4 credits
Prerequisite: 300 or instructor permission. A study of the theory and practice of modern chemical instrumental analysis including elementary electronics and microprocessors, visible and infrared spectroscopy, atomic absorption and emission spectroscopy, chromatography, nuclear magnetic resonance spectroscopy, and electroanalytical techniques. Three lecture hours and three lab hours per week. (2SO)

CHE 425 Advanced Physical Chemistry 3 credits
Prerequisites: 326, MAT 310, or instructor permission. Advanced topics in physical chemistry continuing from 326. Three lecture hours per week.

CHE 430 Advanced Inorganic Chemistry 3 credits
152 or equivalent preparation and junior status, or instructor permission. CHE 325 and 326 recommended. The structure and properties of solid materials and molecular inorganic compounds based on modern concepts of symmetry and chemical bonding. Three lecture hours per week. (2SO)

CHE 435 Physical Biochemistry 4 credits
Prerequisites: 312, 326, or instructor permission. A study of the problems and applications of physical chemistry methods to modern biochemistry. There is emphasis on experimental techniques. Topics will include spectroscopy, chromatography, sedimentation, electrophoresis, relaxation kinetics, and theories of isotope labeling. Three lecture hours and three lab hours per week. (ADD)

CHE 490 Chemistry Seminar 2 credits
Prerequisite: Senior chemistry major. Discussion of major issues in chemistry with emphasis on student presentations (oral and written) of general and specific topics discussed in current chemical journals. Integrates the general education theme and readings. Attendance at convocations is required. Two recitation hours per week. (FAL)

CHE 498 Directed Research 1-4 credits
Prerequisites: 298 or junior/senior science major, and instructor permission. This course provides the opportunity for students with strong chemistry background and skills to carry out laboratory or computational research on a topic chosen by agreement with a faculty member, perform appropriate literature searches related to their chosen topic, analyze data, and report their findings through a written report and a public presentation. Papers of sufficient merit and novelty may be presented at a regional research conference. Students may enroll for one to four credits per semester. One credit corresponds to 3 hours of lab work per week, or the equivalent. Up to six credits may count for degree or concentration requirements. (SEM)

CHE 499 Independent Study **2-3 credits**
Prerequisite: Instructor permission. An independent study of a laboratory and/or theoretical problem in chemistry. A written report and / or a public presentation may be required to receive credit. May enroll for two or three credits. (ADD)

CLS 401 Clinical Hematology I **1-8 credits**
A study of the function, maturation, and morphology of the formed elements of the blood and the coagulation mechanism, as well as the principles and procedures of analysis. Includes supervised clinical experience in hematology, coagulation and phlebotomy techniques. Students perform various procedures both manual and automated to count, differentiate, and/or identify the various cellular and coagulation elements of the blood. (ADD)

CLS 402 Clinical Hematology II **1-8 credits**
A continuation of CLS 401. (ADD)

CLS 403 Clinical Chemistry I **1-8 credits**
Covers the basic principles of analytical chemistry in a broad area of investigation including biochemistry, normal and abnormal physiology, laboratory procedures, laboratory math, and instrumental analyses. Emphasis is placed on learning the theory and practice of clinical biochemistry. Students are taught to perform the various manual and automated procedures employed in analyzing blood and body fluids. Theory is presented through formal and informal lectures and practical applications are emphasized through supervised clinical experiences. (ADD)

CLS 404 Clinical Chemistry II **1-8 credits**
A continuation of CLS 403. (ADD)

CLS 405 Clinical Microbiology I **1-8 credits**
A study of the principles and procedures for the isolation and identification of clinically important bacteria, parasites (Parasitology), and fungi (Mycology). Antibiotic sensitivity testing is included as well as infection control procedures. Supervised clinical experiences provide practical application. (ADD)

CLS 406 Clinical Microbiology II **1-8 credits**
A continuation of CLS 405. (ADD)

CLS 407 Clinical Immunohematology I **1-8 credits**
Covers the principles and procedures of analyses in Blood Banking. Students learn the theory and practice of preparing blood for transfusion, including grouping, typing, and cross-matching blood. Detection and identification of antibodies or other causes of incompatible transfusions is also emphasized. (ADD)

CLS 408 Clinical Immunohematology II **1-8 credits**
A continuation of CLS 407. (ADD)

CLS 409 Laboratory Topics I **1-8 credits**
This course will include a broad spectrum of clinically relevant topics, such as Basic Lab Techniques, Education, Management, Clinical Correlations, and Research. (ADD)

CLS 410 Laboratory Topics II **1-8 credits**
A continuation of CLS 409. (ADD)

CLS 411 Immunology and Serology **1-8 credits**
Covers the principles and procedures of analyses in Immunology and Serology. Emphasis is place on teaching the theory and methods used for detecting antigens, antibodies, and other serum substances related to infectious

diseases. Normal and altered immune responses to diseases and other clinical conditions are included. Includes supervised clinical experience in the techniques required in these areas. (ADD)

CLS 412 Clinical Microscopy/Urinalysis 1-8 credits

Includes physiology of renal function and the significance of cellular and chemical constituents of urine (Urinalysis). Microscopic evaluation of other significant body fluids and clinical diagnosis are covered. (ADD)

CLS 413 Serology and Virology 1-8 credits

Covers the principles and procedures of analyses in Serology and Virology. Emphasis is placed on teaching the theory and methods used for detecting antigens, antibodies, and other serum substances related to infectious diseases. Normal and altered immune responses to diseases and other clinical conditions are included. Includes supervised clinical experience in the techniques required in these areas. (ADD)

CLS 414 Education/Management/Research 1-8 credits

A study of the principles and techniques of clinical instruction, in-service and continuing education, as well as administration and supervision. Includes a study of scientific investigation as applied in methods evaluation, problem solving, and research. Lectures, group projects, mini-teaching presentations, and panel discussions introduce the student to the basic concepts. (ADD)

CLS 415 Clinical Practicum 6 credits

This course includes rotations throughout all areas of the clinical laboratory following all pertinent didactic courses. Students learn time management, multi-tasking and team participation as they work alongside clinical laboratory scientists in each section. Basic operation and function of all the instrumentation as well as common trouble-shooting and problem resolution are emphasized. This course primarily focuses on practical skills, but correlation with clinical material is included as well. (ADD)

COL 099 College Reading and Learning Strategies 3 credits

This developmental course includes instruction in learning strategies such as note taking, test taking, time management, and reading textbooks effectively. Reading improvement skills including comprehension skills, reading rate, and vocabulary building make up the three major units of study. Students also learn to utilize their personal learning styles. These learning strategies are applied to students' academic coursework. **A grade of "C" or better is required. COL 099 may be repeated only one time; if the second attempt is unsuccessful, the student is ineligible to return based on lack of progress.** Developmental courses, such as COL 099, count toward the credits required for degree completion, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

COL 101 Career Exploration 2 credits

Prerequisite: Freshman/Sophomore class standing or permission. This course is designed to help students learn more about their own values, interests, personality, and skills, leading to a more informed decision on choice of major – and ultimately –plans for post-collegiate success. The first-half of the semester will utilize career assessments, online tools, videos, informational interviews, guest presentations, and personal reflection as the student learns more about him/herself and various academic and career paths available. The second half of the semester will take a more practical approach to career development, including creation and tailoring of career documents, maintaining a professional online presence, completing mock interviews, learning from guest presenters, and goal-setting for the immediate and distant future. Enhancement courses, such as COL 101, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

COL 110 Strategies for College and Career Success 3 credits

This course incorporates the content of COL 101, Career Exploration, with the learning and practice of several academic success skills. It is required for students who have successfully appealed for readmission to Marian University, and strongly recommended for students on academic probation. This is an enhancement course, but may not be repeated for credit. (SEM)

COL 360 Career Exploration Internship 1-3 credits
Prerequisite: Instructor permission required. The internship is designed to give students an opportunity to explore career options not directly related to the student's major area of study. Three class meetings with the director of internships are required for completion of the course. Minimum 60 hours of work experience required per credit. Internship credits do not count toward credits required in a specific major. Graded S/U. (SEM)

COM 101 Public Speaking 3 credits
Rhetoric is the art of persuasion and public speaking is the paradigmatic rhetorical act. Practicing the fundamentals of speech construction and delivery, students will cultivate rhetorical awareness – the critical sensibilities required to read a particular situation and craft a strategic response. This course equips students with effective communication skills for academic achievement, professional success, and civic engagement. This course satisfies general education curriculum standards for foundational intellectual skills in speaking and listening. (SEM)

COM H01 Honors Public Speaking 3 credits
Prerequisite: student must meet honors program criteria. Requirements are identical to COM 101, but content is enriched to challenge students with more experience in public speaking. Limited enrollment. This course partially satisfies the general education requirement in the effective communication category. (FAL)

COM 190 New Media and Digital Culture 3 credits
Explores the role of new media in public and popular culture. Provides a theoretical overview for the critical evaluation and production of digital texts. Includes participation in various digital platforms as students practice digital literacy and hone skills for robust digital citizenship. (FAL).

COM 201 Communication for Intentional Communities 1 credit
Prerequisites: Participation in the Dorothy Day House or the Peter Maurin House during the current semester. This course provides students in the Dorothy Day House and the Peter Maurin House with academic instruction in practical communication skills for living in an intentional community. Students explore topics such as community building, conflict-resolution, consensus based decision making, and strategies for fostering open dialogue. The course also includes a dialogic forum for reflecting on the group's mission and practice. Students may enroll in the course more than once. Graded S/U. (SEM)

COM 203 Forensics 1-2 credits
Prerequisite: Participation in the Marian University Speech Team and travel to tournaments. In this enhancement course, students are provided with academic instruction in prepared, extemporaneous, and impromptu speaking as well as the oral interpretation of literature as they prepare for intercollegiate competition. This class is repeatable. (SEM)

COM 210 The Rhetorical Life 3 credits
Prerequisite: 101. Rhetorical theory explores the many ways that words and symbols shape our view of the world. Unfolding the multifaceted dimensions of "the rhetorical life," students explore the persuasive influence of language, knowledge, culture, and all socio-political action. Students will also evaluate the ethical implications of rhetorical texts from film and TV, political speeches and social movements, and interaction over the Internet. (FAL)

COM 221 The Art of Dialogue 3 credits
Prerequisite: 101. The debate over controversial issues such as abortion, gay rights, and affirmative action is often so heated that communication breaks down. This course investigates the theory and practice of dialogue. Dialogue is a way of talking together when we vehemently disagree. Emphasizing skills for empathetic listening and managing conflict, the class will explore how dialogue can create shared understanding. (SPR)

COM 223 Argumentation and Debate **3 credits**
Prerequisite: 101. The course provides an introduction to argumentation theory grounded in the classroom experience of academic debate. Through stretching research skills, evaluating evidence, investigating informal logic, and performing the refutation of claims, this course provides a comprehensive overview of making and questioning arguments. (FAL)

COM 235 Oral Interpretation of Literature **3 credits**
Students select, analyze, rehearse, and perform a variety of texts such as prose, poetry, and dramatic literature. The course teaches vocal and physical techniques for communicating literature as well as theoretical perspectives that inform interpretation and performance. Cross-listed as THE 235. (2FE)

COM 239 Professional Writing **3 credits**
See ENG 239 (SEM)

COM 310 Rhetorical Criticism **3 credits**
Prerequisite: 210. Investigating metaphor, narrative, ideology, and other rhetorical dynamics, the course surveys methods for analyzing rhetorical texts. Significant contemporary texts of public and popular culture are studied to exemplify critical principles. Critiquing various persuasive messages, students will turn the tools of rhetorical criticism to engaged social criticism. (SPR)

COM 331 Advanced Public Speaking **3 credits**
Prerequisites: 101. Building on basic public speaking skills, this course emphasizes using multi-media visual aids, impromptu speaking, answering questions, developing a critical vocabulary for self-assessment, and exploring the subtleties of speaking on particularly complex or controversial topics. (2SE)

COM 333 Conflict Management **3 credits**
Explores the role of communication in managing interpersonal and organizational conflicts. Balancing theory and practice, topics addressed include negotiation, mediation, nonviolent communication, and reconciliation. (2SE)

COM 352 Identity and Popular Culture **3 credits**
Prerequisite: Junior standing. This course explores the seemingly chaotic cultural production, performance, and fragmentation of identities associated with race, gender, and disability. Students critically assess the framing of identity in texts ranging from clothing advertisements to reality TV to Internet dating services. The politics of multiculturalism in a consumer society are explored as a vehicle for questioning the rhetorical construction of marginalized identities. (2SO)

COM 354 Myth and Metaphor **3 credits**
Prerequisite: Junior standing. Myth and metaphor structure human thought, organize life in community, weave their way through the production and consumption of popular culture, and animate political discourse in the public sphere. Through theoretical readings and the analysis of texts, this course explores the role of myth and metaphor across discourses that range from ancient philosophy to children's literature to political campaigns. (2SO)

COM 360, 460 Internship/Practicum in Communication **1-6 credits**
Prerequisite: Junior class standing. An approved internship or work experience related to a particular area in communication. The field experience is contracted between the student and the cooperating agency with the approval of the department liaison. The contract includes goals, procedure, requirements for credit, supervision and evaluation criteria. A maximum of six credits may be earned, of which three credits may apply toward the major. Graded S/U. (SEM)

COM 365 Strategic Communication 3 credits
This course is designed to introduce students to the theories, concepts, and applications of strategic communication. Students will investigate issues that challenge contemporary organizations by analyzing case studies, conducting research, and designing possible solutions. Students will learn how to apply these concepts by working with a local organization to develop a strategic communication plan. While working on this project, students will also engage with the function of communication in organizations. (2SO).

COM 367 Writing for New Media 3 credits
This course introduces students to the theories and practices of writing for new media. Course will focus on understanding communication objectives and meeting audience needs through the development of appropriate strategies/concepts. Writing for linear and non-linear interactive media; composing with visual and audio texts, and working with dialogue, narrative, character, and form are included in the curriculum. Students will create various new media products to demonstrate their competencies. Cross-listed as ENG 367. (2SO).

COM 380, 480 Special Topics in Communication 3 credits
Study of selected issues in the discipline of communication (e.g., rhetoric of science, gender in communication). The topic is announced at the time of registration and varies, allowing students to take the course more than once. (ADD)

COM 490 Senior Seminar 3 credits
Prerequisite: Senior standing. Departmental seminar for majors in communication. Students will extend their understanding of issues critical to the field by preparing critical work for the senior portfolio. Incorporates the general education senior topic and text. (FAL)

COM 499 Independent Study in Communication 1-3 credits
Prerequisite: Junior or senior communication major. Guided readings, research, and production projects in communication. Provides the opportunity for study of topics appropriate for the individual student. (ADD)

CST 171 Procedural Programming 3 credits
Prerequisites: Placement in MAT 140 or instructor permission. This course will provide students with basic computer literacy and an introduction to programming in C++. Material to be covered include but is not limited to: syntax and semantics, classifying errors, variables, assignments, statements, creating and using libraries, screen file input/output, file management, top-down and bottom-up design. Emphasis will be on defining functions using fundamental data types through principles of structured programming. (SPR)

CST 180, 280, 380, 480 Special Topics in Computer Science 1-3 credits
Prerequisites: Instructor permission. Special topics in computer science as deemed necessary by needs of students. (ADD)

CST 270 Object-Oriented Programming 3 credits
Prerequisites: 170 or instructor permission. This is the second programming course using C++. Material to be covered includes: pointers and dynamic memory allocation, operations on files, strings, and arrays, introduction to software design, defining classes and objects, inheritance, polymorphism, recursion, lists, stacks, queues, graphs, and sorting algorithms. (FAL)

CST 340 Data Structures 4 credits

CST 371 Object-Oriented Software Development 4 credits

CST 440 Database Concepts 3 credits

ECN 200 Introductory Economics **3 credits**
A one-semester introduction to the major principles and issues in economics for students who are not majoring in accounting, business administration, economics, finance, management, marketing, or minoring in economics. The course surveys both micro and macroeconomic issues. This course partially satisfies general education curriculum standards for the development of behavioral and social knowledge. (SEM)

ECN 201 Principles of Macroeconomics **3 credits**
An introduction to the major areas of macro-economic theory including GDP, unemployment and inflation, economic growth and productivity, savings and investment decisions, financial markets, fiscal and monetary policy, and current macroeconomic problems are emphasized. (ADD)

ECN 202 Principles of Microeconomics **3 credits**
An introduction to the major areas of microeconomic theory. Economics of consumer choice, product markets, firm behavior, organization of industries, and labor markets are emphasized. (ADD)

ECN 205 Statistical Methods **3 credits**
See BUS 205. (ADD)

ECN 280, 380, 480 Special Topics in Economics **1-3 credits**
Prerequisites: 201 and 202, or permission. Selected topics of interest to the field of economics. (ADD)

ECN 310 Environmental Economics **3 credits**
Prerequisite: 200, 202, or permission. This course explores the economic issues related to environmental and natural resource concerns. Topics include market failure, particularly in the case of environmental externalities, and the implications of environmental problems from the perspective of welfare economics. Emphasis is placed on the theory and practice of benefit-cost analyses as well as the government role in economic market failures. This course also explores the microeconomics of natural resource industries including renewable and non-renewable resources. The theory and practice of environmental policy at all levels, domestic and international, are explored. (2SO)

ECN 315 Health Economics **3 credits**
Prerequisite: 200, 202 or permission. This course uses economic tools to understand various issues and problems pertaining to medical care and the health industry. It examines the production and demand for medical care, health care systems and institutions, the role of government in health care markets, and the behavior of specific health care industries. (2SE)

ECN 320 Current Economic Problems **3 credits**
Prerequisites: 201 and 202, or permission. Major economic issues of the day are studied and discussed, and the economic impact of divergent solutions are analyzed. (2SE)

ECN 321 The Economics of Sports **3 credits**
Prerequisites: 200, 201, 202, or permission. This course applies the principles of economics to evaluate professional and amateur sports, including topics like league structure, team decision-making, labor-relations, incentive structures, free agency, salary caps, and stadium financing and the role of public policy. Economic factors affect the behavior of participants in sport markets - owners, managers, players, and the media - just as they affect the behavior of individuals in other markets. Basic economic principles and formal economic models help make sense of many issues in the world of sports. In addition, the sports world is full of evidence, which helps illustrate economics in action and provides a wealth of information for testing economic theories. The objective of this course is to offer a deeper understanding of both. (2FE)

ECN 325 International Trade and Development 3 credits
Prerequisites: 200,201 and 202, or permission. The theory of international trade and commercial policy under changing world conditions, the theory of tariff and trade control policies, the balance of payments problem, monetary relations, and the evolution of international economic institutions. (2FO)

ECN 335 Labor Economics 3 credits
Prerequisite: ECN 200, 201, 202, or permission. This course takes a predominately microeconomics focus on developing theories of labor supply, labor demand, and human capital. Specific topics will include labor force participation by gender, race, and over time; wage and compensation determination; discrimination; productivity; and government labor policies. (2SO)

ECN 499 Independent Study 1-3 credits
Prerequisite: Permission. Guided readings and research. (ADD)

EDU 122 Intro to Teaching Music 3 credits
An introduction to the field of music education and the music education program at Marian University. Class content, activities and assignments are designed to assist students in defining their professional goals and to assess their individual qualifications for entrance into the field. Content to be covered will include, but is not limited to, lesson planning, lesson pacing, understanding and implementing standards, assessment strategies, reinforcement, learning theories, and professionalism. On site experiences with K-12 students is required. (FAL)

EDU 130 Introduction to Exceptional Children 3 credits
This course includes definition, identification, prevalence, characteristics and educational needs of the various types of exceptional children. Information on the roles of the local school agency, the state, and the federal government as they pertain to the education of exceptional children is also learned. This is a lab course that includes visitations to the various school programs and private agencies serving children with special needs. (SPR)

EDU 174 Observation and Description of the Child 3 credits
This course focuses on the variety of ways of observing, recording, and analyzing children's development and behavior. Naturalistic observation is the primary area of study. The course requires students to work in a classroom one morning a week. The visits will occur in day care/pre-school settings. (SEM)

EDU 175 Introduction to Schools and Society 3 credits
This course focuses on the foundations of education including multicultural education and the diversity of students. Topics include the goals of schooling, the impact of schools, the history of schools, and current trends and issues, particularly in the twentieth and twenty-first centuries. The course requires students to work in various classrooms one morning per week, for a total of 40 hours. A variety of school sites with diverse populations will include private, public, progressive, low-mid-high SES schools, and populations of majority African American, Jewish, Latino/Latina and/or Catholic students. (SEM)

EDU 221 Expressive Arts 3 credits
This course considers the expressive arts—visual arts, drama, dance and movement, music, technology, media, physical education, and health and nutrition—in relation to the Indiana Academic Standards, the NSAE Standards and the content areas of language arts, math, science, and social studies. Developmentally appropriate practices in arts methods and materials are presented and discussed with an emphasis on process rather than product. Assignments may include writing and presenting integrated activity plans that are developmentally appropriate, designing an arts and content-related bulletin board, observing and interviewing a "specials" teacher and attending an arts-related event. (ADD)

EDU 224 Protocols for Effective Classroom Observations 3 credits
Students learn effective classroom observation and evaluation protocols and their related terminology using video rounds prior to actual field placements. These techniques will enable students to transfer observation skills from a video platform to an actual classroom environment where they will conduct effective classroom observations and evaluations in order to enhance their own ability to reflect and debrief on their performance as well as the performance of those observed. (SEM)

EDU 233 Assessment of Children with Exceptional Needs 3 credits
Prerequisite: 130. This course examines the causes and types of learning problems found in children with exceptional needs. Students learn how the teacher can assess children with learning problems. Formal psychological evaluation tools are examined, and the value of the information to the classroom teacher is discussed. (FAL)

EDU 255 Introduction to Secondary Schools and Society 3 credits
This course focuses on the variety of ways of observing, recording, and analyzing children's development and behavior. Naturalistic observation is the primary area of study. The course requires students to work in a classroom one morning a week. The visits will occur in daycare/pre-school settings. (SEM)

EDU 280, 380, 480 Special Topics in Education 3 credits
Prerequisite: Successful completion of Phase I for 480 only and permission. Selected topics approved by the School of Education. (ADD)

EDU 314 Teaching and Learning in Kindergarten 3 credits
This course emphasizes theories of learning; personal, social, and moral development; individual and group differences; higher-level thinking; and motivation. Key concepts in kindergarten curriculum are also addressed. The course includes a kindergarten practicum and a service learning experience. (SEM)

EDU 315 Differentiated Strategies for Teaching and Learning 3 credits
The course explores multiple ways of organizing curriculum and assessing and instructing children. Styles of learning, multiple intelligences, differentiated instruction, formal and informal assessment strategies, and use of state standards as part of the planning model are components of this course. (FAL)

EDU 318 English Learners and Diversity in Inclusive Classrooms 3 credits
Prerequisite: Permission of appropriate program director. This course introduces the process and stages of second language acquisition, and student capabilities at each stage. The roles of culture and acculturation in language acquisition and classroom performance through outside experiences are a catalyst to the broader diversity in the schools discussion. Teaching strategies, lesson and assessment modification are emphasized. Cross-listed as EDU 518.

EDU 322 Elementary Music Methods 2 credits
Application of music methods to the teaching process; emphasis on effective teaching strategies including Orff, Kodály, Suzuki, and Dalcroze pedagogies; classroom management and discipline, instructional clarity, teacher responsibilities inside and outside the classroom, multicultural and diverse populations, current music education textbooks, suitable elementary literature, use of classroom instruments, and evaluation techniques. On- site experiences with P-6 students is required. (SPR)

EDU 325 Teaching in a Diverse World 3 credits
Corequisite: 347. This course examines multicultural education curriculum and pedagogy. Students learn to plan and teach multicultural social studies units and lessons by integrating best practices with Indiana and national social studies standards. (SPR)

EDU 327 Secondary Music Methods 2 credits
Application of music methods to the teaching process of choral and instrumental ensembles with students in grades 7-12. Emphasis on effective teaching strategies including rehearsal planning, techniques, and management, teacher responsibilities inside and outside the classroom, working with multicultural and diverse populations, and evaluation techniques for choral and instrumental ensembles. On- site experiences with students in grades 7-12 is required. (FAL)

EDU 328 Best Practices in Teaching ENL 3 credits
Prerequisite: 318 or permission. This course focuses on theory and practice in teaching English to students for whom English is not a native language. It provides an overview of historical and current approaches to teaching language, different contexts for language learning, and various materials available for teaching English. It provides opportunities for students to develop and demonstrate practical skills, gain hands-on experience, and review professional literature. (FAL)

EDU 339 Curriculum and Methods: MS/HS Exceptional Needs 3 credits
Prerequisites: 130 and 233. This course will assist students in developing and adapting the curriculum in order to meet the needs of children with exceptional needs in middle school and high school. Specific subject areas instructional methods and materials will be reviewed and general instructional strategies and student skills will be presented. (ADD)

EDU 346 Elementary Reading and Language Arts 4 credits
Prerequisites: 130, SPD 230 and PSY 220. This course integrates reading and oral and written communication theory and teaching strategies in grades K-6. The course includes study of skills and strategies, methods of teaching, materials and resources, and evaluating and organizing to meet students' individual needs. A practicum is required for this course. (FAL)

EDU 347 Elementary Reading and Children's Literature 5 credits
Prerequisites: 346. Corequisite: 325. This course integrates elements of reading and the study of children's literature. The course includes diagnosis and techniques for assisting children with reading problems, use of diagnostic instruments, and remedial instruction. It also includes a focus on genres of children's literature, selecting and evaluating and using children's literary materials in and out of the classroom. A practicum is required for this course. (SPR)

EDU 351 Reading and Writing in the Content Areas 3 credits
This course focuses on reading, writing, and study skills needed to teach content subjects in middle schools and high schools. Strategies in using reading and writing for learning are included. Teacher candidates also learn to select and prepare reading materials consistent with the skill and maturity levels of students, support English language learners, and promote recreational reading. In addition, this course focuses on the practical experience working in secondary classrooms. The teacher candidate participates in at least 10 hours in a middle school classroom and 10 hours in a high school classroom of appropriate content area. In a follow-up reflection, the teacher candidate displays understanding by connecting coursework to classrooms and comparing middle school and high school students. (SPR, SUM)

EDU 353 Literacy in the Fine Arts 1 credit
This course integrates reading and oral and written communication theory and teaching strategies in grades P-12. It provides opportunities for students to construct and demonstrate literacy understanding through application and artistic exploration of the arts. This course combines reading/literacy strategy, implementation, classroom management application, as well as integration of the arts. The course includes the study of skills and strategies, methods of teaching, materials and resources, and evaluating and organizing to meet students' individual needs in the areas of literacy and fine arts. The course helps students build a strong background in creativity and innovation, critical thinking and problem-solving, communication, and collaboration. (SPR)

EDU 355 Education Around the World 3 credits
In this course, students will learn about educational systems in different countries. The cultural aspects of countries other than the United States, including social, political, cultural, historical, and economic aspects will be studied. (SPR)

EDU 358 Assessment of Second Language Learners 3 credits
Prerequisites: 318, 328, ENG 304, 307 or permission. This course is designed to prepare the prospective teacher of second language learners for appropriate assessment of children. Various formal and informal assessments will be examined and discussed. Cultural and language issues will be considered as to their impact on assessment. (SUM)

EDU 368 Exceptional Needs Practicum I 2 credits
Prerequisites: 130, 233, and 338; or permission. This practicum will combine a weekly class meeting with a 40-hour field experience. Students will observe, interact, and instruct children with exceptional needs. The student will be responsible for individual and group lessons, and for relating classroom knowledge with actual practice. Students will also review evaluations and complete sample paperwork required by state and federal laws relating to children with exceptional needs. (FAL)

EDU 369 Exceptional Needs Practicum II 2 credits
Prerequisites: 130, 233, and 338; or permission. This course combines teaching strategies and a field experience with children with disabilities, including moderate mental handicaps, autism, and orthopedic handicaps. Curriculum appropriate for these specific disabilities will be discussed. (FAL)

EDU 400 Mission/History of Catholic Schools 1 credit
Overview of the rich history, culture and identity of Catholic Schools. These philosophical, theological and historical ideals are purposefully focused to stimulate and provide reflective thought about the purpose of Catholic Education and an understanding of what it means to be a Catholic educator in the 21st Century. (SPR)

EDU 439 Collaboration and Communication 3 credits
Prerequisites: 130, 233, and 338. A major focus of this course is the study of the changing role of the special educator and the current status of special education in the schools. The course examines the special educator's leadership role in collaborative consultation. Students begin to develop the skills necessary to participate in effective collaboration on behalf of children or adolescents with mild disabilities. Cross- listed with SPD 439. (SPR)

EDU 444 Integrated Teaching 3 credits
Prerequisite: 346, which may be taken concurrently. This course focuses on teaching how to develop units of study for the elementary classroom by integrating subject matter and skills from math, language arts, science, and social studies, as well as art, music, and physical education. Activities are designed to encourage creativity, decision-making, problem-solving, and collaboration. Topics covered include integrated teaching and learning, elements of a brain-compatible classroom, service learning, consumer education and establishing a mini-economy, prejudice and discrimination, geography, global education, educating for the future, values education, education for underrepresented populations, and long range planning. Some assignments involve working with school personnel in a practicum setting. (FAL)

EDU 446 Creating Positive Classroom Environments 3 credits
Prerequisite: Successful completion of Phase I. This course includes organization and management of group and individual activities for effective learning in classrooms; maintaining a pleasant, healthy, and functional environment; understanding and guiding behavior problems; and fostering home-school cooperation. Some assignments involve working with school personnel in a practicum setting. (SEM)

EDU 447 Assessment for Learning **3 credits**
This course is designed to cover all facets of assessment for learning including: designing both formative and summative assessment, supporting, verifying and documenting learning through assessment, and creating multiples modes and opportunities to demonstrate student learning. Other topics include the examination of data to understand learner progress, appropriate use of data to guide instruction, employment of technology to support assessment practice, minimizing sources of assessment bias, differentiation based on assessment results, and understanding accommodations.

EDU 453 Teaching in the Middle Schools **3 credits**
Prerequisite: Successful completion of Phase I. This course includes development of curriculum for middle school students, research-based teaching practices, and developmentally appropriate practice. Additional topics include student achievement, differentiation for students with exceptional needs and students from diverse cultural and language backgrounds, reporting student progress; and skill in interpersonal relations, including parent involvement. This course includes a required practicum of at least 15 hours. (FAL)

EDU 462 Student Teaching: Kindergarten/Primary **6 credits**
Full-time student teaching in grades K-3. Student teaching fee required. Graded S/U. (SEM)

EDU 463 Student Teaching: Intermediate **6 credits**
Full-time student teaching in grades 4-6. Student teaching fee required. Graded S/U. (SEM)

EDU 465 Student Teaching: Middle School **6 credits**
Full-time student teaching in a middle school setting. Student teaching fee required. Graded S/U. (SEM)

EDU 466 Student Teaching: High School **6 or 12 credits**
Full-time student teaching at a high school. Students wishing to add a middle school license must work with the School of Education to establish additional weeks for the license. Student teaching fee required. Graded S/U. (SEM)

EDU 467 Student Teaching: Exceptional Needs, Primary **6 credits**
Full-time student teaching for elementary candidates adding an exceptional needs minor at the primary school level. Student teaching fee required. Graded S/U. (SEM)

EDU 468 Student Teaching: Exceptional Needs, Intermediate **6 credits**
Full-time student teaching for elementary candidates adding an exceptional needs minor in the intermediate school level. Student teaching fee required. Graded S/U. (SEM)

EDU 469 Student Teaching: Exceptional Needs, Middle School **6 credits**
Full-time student teaching for elementary candidates adding an exceptional needs minor at the middle school level. Student teaching fee required. Graded S/U. (SEM)

EDU 470 Student Teaching: Exceptional Needs, High School **6 credits**
Full-time student teaching for secondary candidates adding an exceptional needs minor at the high school level. Student teaching fee required. Graded S/U. (SEM)

EDU 473 Clinical Internship (teaching certification) **9 credits**
Corequisite: 491. This clinical internship, also referred to as student teaching, is a semester experience of pre-service clinical practice in P–12 schools for candidates preparing to teach in secondary or all-grade licensure settings. Areas of the pre-service experience include all areas of classroom instruction, assessment, management and other classroom related skills under the supervision of a clinical intern supervisor and the direction of a University supervisor. Internship fee required. Graded S/U. (SEM)

EDU 474 Clinical Internship (non-teaching certification) 9 credits
Corequisite: 491. This clinical internship is a semester experience of pre-service clinical practice that includes educational practices related to professions including those in non-school settings under the supervision of a clinical intern supervisor and the direction of a University supervisor. This Internship does NOT fulfill teacher licensure requirements. Internship fee required. Graded S/U. (SEM)

EDU 475 Clinical Residency I 9 credits
Clinical Residency I is a semester long, 18 week experience of clinical practice in P-12 schools for candidates preparing to teach in all-grade licensure settings. Areas of the clinical experience include instructional planning, classroom instruction, assessment, management and other classroom related skills under the supervision of a clinical internship mentor teacher and the direction of a University Supervisor. (FAL)

EDU 476 Clinical Residency II 9 credits
The Clinical Residency II is a semester long, 18-week experience of clinical practice in P–12 schools for candidates preparing to teach in all-grade licensure settings. Areas of the clinical experience include instructional planning, classroom instruction, assessment, management and other classroom related skills under the supervision of a clinical internship mentor teacher and the direction of a University Supervisor. Special topics include differentiation, professional learning networks and the integration of technology in classroom instruction. (SPR)

EDU 490 Education Seminar 3 credits
Prerequisite: Successful completion of Phase I. Students complete a formal inquiry project with presentation to peers to fulfill the comprehensive requirement for graduation in elementary education. Students conduct their projects in elementary classrooms. The course integrates the general education theme and readings. Attendance at convocations is required. This course is taken the semester prior to student teaching. (SEM)

EDU 491 Clinical Internship Senior Seminar 3 credits
Corequisite: 473 or 474. The Clinical Internship Seminar is a required component of the Professional Internship Semester experience and is taken concurrent with the clinical internship experience. It is designed to provide an opportunity to synthesize the internship experience and move the Intern towards the world of education at a professional level. This seminar provides the opportunity to link the theory and pedagogical course work to the work in the professional setting. The intern will provide updates and sections of the candidate work sample portfolio throughout the seminar for review and assessment. This seminar offers an opportunity for the Intern to process the experiences of the educational environment and the preparation of the required candidate work sample while also receiving valuable and practical connections of prior coursework to the actual professional experience. The course integrates the general education theme and readings. Attendance at convocations is required. (SEM)

EDU 499 Independent Study 3 credits
Prerequisites: Successful completion of Phase I, junior or senior education major or special student, and permission. Guided readings and research. (ADD)

EGR 195 Introduction to the Engineering Profession 1 credit
Complement the orientation to both Marian University and IUPUI, assist in the development of skills and knowledge to support all academic studies, provide an introduction to the engineering profession and curriculum. (FAL)

EGR 200 Thermodynamics 3 credits
Prerequisite: PHYS 201 (Mechanics) or equivalent. First and second laws, entropy, reversible and irreversible processes, properties of pure substances. Application to engineering problems. (FAL)

EGR 270 Basic Mechanics I: Statics 3 credits
Prerequisite: PHYS 201 (Mechanics) or equivalent. Fundamental concepts of mechanics, force systems and couples, free body diagrams, and equilibrium of particles and rigid bodies. Distributed forces; centroids and centers of gravity of lines, areas, and volumes. Second moment of area, volumes, and masses. Principal axes and principal moments of inertia. Friction and the laws of dry friction. Application to structures and machine elements, such as bars, beams, trusses, and friction devices. (FAL)

EGR 272 Mechanics of Materials 3 credits
Understanding the basic knowledge of the behavior of various elastic members under different types of loading, prepare students to perform basic experimental analysis relating to the theoretical part of the course in a separate lab. (FAL)

EGR 274 Basic Mechanics II: Dynamics 3 credits
Prerequisite: ME 270 (Basic Mechanics I) or equivalent. Kinematics of particles in rectilinear and curvilinear motion. Kinetics of particles, Newton's second law, energy, and momentum methods. Systems of particles, kinematics and plane motion of rigid bodies, forces and accelerations, energy and momentum methods. Kinetics, equations of motions, energy and momentum methods for rigid bodies in three-dimensional motion. Application to projectiles, gyroscopes, machine elements, and other engineering systems. (SPR)

EGR 327 Engineering Economics 3 credits
Understanding of basic accounting and financial reports; develop an awareness of cash flows and time value of money; select among several viable alternative projects; introduce product and project costing and rates of return; and appreciation of uncertainty in models and measures of decision making. (SPR)

ENG L10/20/30/40 Writing Tutorial 1-3 credits
ENG L10/20/30/40 is lab time providing individualized instruction tailored to a writer's specific needs at any point during undergraduate coursework. The tutorial is designed for students who want additional support in realizing targeted goals for specific writing situations. ENG lab hours (excluding L01) may be taken for up to a total of six hours credit. S/U. (SEM)

ENG 099 Basic English 3 credits
This course is structured to prepare students for successful completion of ENG 101. For international students, it is a prerequisite. Practice is provided in elementary skills in usage, grammar, vocabulary, sentence construction, and paragraph writing. **A grade of "C" or better is required. ENG 099 may be repeated only one time; if the second attempt is unsuccessful, the student is ineligible to return based on lack of progress.** Developmental courses, such as ENG 099, count toward the credits required for degree completion, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

ENG 101 English Composition 3 credits
Introduction to college-level writing and preparation for ENG 112. Students develop and practice content-development, revising, and editing strategies through multiple drafting assignments. Students can expect a high level of instructor feedback through written responses and/or conferences. A final grade of "C-" or higher must be earned for this course before enrolling in ENG 112. (SEM)

ENG L01 English Composition Lab 1 credit
This course is designed to support the work of ENG 101 writers by providing individualized instruction tailored to the writer's specific needs. The tutorial instruction is not designed for students with weak mechanical skills. While the emphasis will differ from writer to writer, upon completing this course, students will know how to: 1) strengthen and demonstrate critical thinking and reading skills necessary to succeed at college-level writing; and 2) develop structures that allow for the complex treatment of ideas. If placement testing indicates registration in ENG L01, the student must successfully complete the lab hour with a grade of "C" or better in order to pass ENG 101. (SEM)

ENG 109 Student Publications 1 credit
Students contribute to student publications as writers, editors, and designers as contracted with the faculty advisor. May be repeated for up to 3 hours. (SEM)

ENG 112 Writing & Community 3 credits
Prerequisite: Placement. Students use writing to think critically and creatively about human experience as represented in literary, scholarly, and culturally-relevant texts, as well as in their own experiences. Instruction emphasizes drafting, reading, and research strategies expected of college-level writers. Multiple assignments require revision processes to refine thinking and expression, to navigate genre expectations, and to reflect the habits and conventions of discourse communities, academic, and others. Final portfolio required. This course partially satisfies general education curriculum standards for foundational intellectual skills in written communication. (SEM)

ENG L12 Writing Tutorial 1 credit
This course is designed to support the work of ENG 112 writers by providing individualized instruction if necessary to progress beyond 100-level expectations for writing. Upon completing this course, students: 1) demonstrate critical thinking and reading skills necessary to succeed at college-level writing; and 2) develop structures that allow for the complex treatment of ideas. [If placement testing requires registration in ENG L12, the student must successfully complete the lab hour with a grade of C or better in order to pass ENG 112; successful completion of this lab hour requires successful completion of ENG 112.] (SEM)

ENG 115 Written Analysis of Literature 3 credits
Prerequisite: 101. This course continues instruction in writing skills by strengthening students' critical reading strategies when writing about literary and scholarly texts. The course is designed to develop analytical and interpretive skills and deepen understanding of textual strategies, literary terminology, and genre distinctions. (SEM)

ENG 120 Introduction to English Studies 1 credit
This course introduces English majors to college-level English studies, providing them with information concerning the history and function of the discipline, and acquaintance with critical theory and method, archival research, classroom practice, graduate programs, and professional careers. Required for English majors. (SPR)

ENG 204 Creative Writing 3 credits
Prerequisite: 115. Basic principles and practice in imaginative writing; development of criteria for judging artistic compositions. (FAL)

ENG 208 Peer Tutoring of Writing and Collaborative Learning 1 credit
Prerequisite: ENG 112. This course is an entrance into the broader discourse of evidence-based writing center and peer learning theories and practices. Successful completion of this course will enable peer tutors of writing to engage in collaborative learning through a range of deliberate negotiations across critical, creative and cultural perspectives. Required for all Marian University Writing Center peer tutors, but it is also open to students regardless of employment status with the Marian University Writing Center. (SEM)

ENG 209 Writing Workshops in the Secondary Classroom 1 credit
Prerequisite: ENG 112. This course introduces students to the philosophical and practical aspects of writing workshops in secondary classrooms. This course provides an understanding of the benefits of a workshop-based approach, as well as the tools to design successful workshops. Required for English majors in the teaching track and also open to those seeking licensure in any secondary field involving writing, such as history. (FAL)

ENG 210 Public Action Writing 3 credits
Prerequisite: ENG 112. This course explores the ecologies of writing and how these practices are used to shape understandings of community issues. This service engagement course engages with public literacy practices to explore their role in advocating community perspectives, documenting lived experience, and producing social texts. Students will research contemporary and local uses of public writing, engage in written literacy practices that shape public discourse, and explore public applications of writing. Final portfolio including a collaborative community literacy project required. This course will meet regularly off-campus and require access to public or private transportation. (FAL)

ENG 213 Literature: The Short Story 3 credits
This course provides instruction in analyzing, discussing, and writing about modern short stories. The course explores styles and themes of contemporary short fiction written from a variety of Western and non-Western cultural perspectives, including American, Hispanic, African, Middle Eastern, Asian, and European. This course fulfills the cross cultural general education requirement. This course is only offered in the MAP Program.

ENG 214 American Literature I 3 credits
Prerequisite: 115. Historical survey of American literature from the pre-colonial period to 1865. (FAL)

ENG 215 American Literature II 3 credits
Prerequisite: 115. Historical survey of American literature from 1865 to the present. (SPR)

ENG 222 Historical Survey of British Literature I 3 credits
Prerequisite: 115. Historical survey of British literature from its origins through the eighteenth-century. (FAL)

ENG 223 Historical Survey of British Literature II 3 credits
Prerequisite: 115. Survey of English literature in the nineteenth and twentieth centuries. (SPR)

ENG 237 Introduction to Digital Humanities 3 credits
Prerequisite: ENG115. This course offers an overview of the theory and application of computing in literary studies, introducing methods, new genres, formatting issues, and best practices for digital preservation. Student with apply concepts, tools, and methods when creating collaborative literary digital humanities project. (FAL)

ENG 239 Professional Writing 3 credits
Prerequisite: 115. Theory and practice of writing common professional forms such as sales materials, abstracts, memos, application letters, and resumés. Emphasis is placed on writing proposals and reports, and on understanding, in general, the persuasive element in most professional writing. Cross-listed as COM 239. (SEM)

ENG 245 Studies in Dramatic Literature and Performance 3 credits
This course offers students a detailed examination of four plays in the semester through textual and performance analysis. Students will learn how dramatic literature is translated to the stage, analyze thematic choices, style, and content, and determine how these factors together make cohesive theatrical productions and promote intentional as well as unintentional meanings. The course may be repeated for credit since subject matter varies each semester. Enrollment in this course requires attending performances. Cross-listed as THE 245. (FAL)

ENG 250 History of Literary Criticism 3 credits
Prerequisite: 115. A survey of literary criticism from its classical origins into the twentieth-century. Includes the work of such theorists as Aristotle, Sir Philip Sidney, Alexander Pope, Samuel Taylor Coleridge, Henry James, and the twentieth-century post-structuralists and deconstructionists. (SPR)

ENG 255 News Writing 3 credits
Prerequisite: 115. Practical experience in developing journalistic style of writing for the print news media. Emphasis is placed upon news reporting, feature, and editorial writing. May support publication of the student newspaper. (SPR)

ENG 280, 380, 480 Special Topics in Literature and Writing 3 credits
Prerequisite: 115. Study of selected literary works involving a particular topic (e.g., African American literature, literature of the East, science fiction, women novelists) or treating specific themes (e.g., studies of the double, of initiation, or parent-child relationships), or a study of selected issues in writing. The chosen topic or themes are announced at the time of registration and vary from one semester to the next to allow students to take the course more than once. (ADD)

ENG 302 Critical and Creative Non-Fiction 3 credits
Prerequisite: 115. Study and practice of the essay genre from Montaigne to the present, paying special attention to evolving forms of the essay and the rhetorical and aesthetic choices that shape meaning. Intensive workshop experience. (2SE)

ENG 303 Composition Theory: Issues and Practice 3 credits
Prerequisite: 115. Surveys of theories, research, and knowledge that have led to a resurgence in composition studies since 1963. Analyzes the practice of contemporary process theories of writing, and examines teachers' theoretical assumptions about language, writing, and the development of writing abilities. (2FO)

ENG 304 The English Language 3 credits
Prerequisite: 115. Study of the history and grammar of the English language, with some attention to semantics, dialects, and contemporary issues in language change. (SPR)

ENG 307 Principles of Linguistics 3 credits
Prerequisite: 115. A study of contemporary theories on the nature of human language, its components, acquisition, processing, and social aspects. (FAL)

ENG 309 Advanced Editorial Experience 1-3 credits
Designed for leaders of student publications, course topics include articulating the mission of a publication, reviewing content, editing submissions, and publishing the final product. May be repeated for up to 6 credit hours. (SEM)

ENG 315 Literature of the American Renaissance 3 credits
Prerequisite: 115. A critical study of the literature written in the United States from about 1830 to about 1860, selected from the work of Edgar Allan Poe, Ralph Waldo Emerson, Henry David Thoreau, Margaret Fuller, Nathaniel Hawthorne, Herman Melville, Frederick Douglass, Walt Whitman, Emily Dickinson, Louisa May Alcott, and others. Explores the influence of transcendentalism and factors leading to the Civil War; examines the treatment in literature of such social issues as slavery and women's suffrage.

ENG 316 American Realism 3 credits
Prerequisite: 115. A critical study of the literature written in the United States between 1865 and the turn of the century, including the work of Mark Twain, Edith Wharton, Henry James, Willa Cather, Theodore Dreiser, Stephen Crane, and others. Explores the increasing complexities of American culture in the post-Civil War period as reflected in the literature.

ENG 317 American Modernism 3 credits
Prerequisite: 115. A critical study of the literature written in the United States during the first half of the twentieth-century, including the work of T.S. Eliot, William Faulkner, Gertrude Stein, Ezra Pound, Ernest Hemingway, Richard Wright, F. Scott Fitzgerald, Langston Hughes, and others. Explores the development of the Modernist aesthetic and examines the interplay between literature and twentieth-century cultural and political developments.

ENG 319 Classical Mythology 3 credits
Prerequisite: 115. Study of principal myths and legends of the ancient world, with consideration of the nature of myth, relation of myth to religion and ritual, and the presence of mythic structures in contemporary culture. (2SE)

ENG 320 Representations of Catholicism 3 credits
Prerequisite: 115. A critical study of literature written by Catholic writers, engaging issues of Catholic theology, and/or depicting Catholic characters and culture. The course provides an informed inquiry into the intellectual, social, and aesthetic complexities of the Catholic faith as represented in literature. The specific topic of the course changes with each offering, e.g., Catholicism in the United States, spiritual autobiography, etc. (2SO)

ENG 322 Line Editing 1-3 credits
Prerequisite: ENG 115. Students regularly participate in editing workshops in order to build a repertoire of strategies for evaluating sentence-level choices in wording, punctuation, and grammar. Course content includes overview of developmental, line, and copy editing sequence and processes in print and digital publishing and emphasizes ethical decision-making. (2SE)

ENG 323 Literature and Medicine 3 credits
Literature and Medicine is a critical and reflective examination of representations of illness, healthcare, and the human body in literature across cultures and historical periods. The course is driven by the recognition that illness and medical care are experienced, related, and addressed as narratives. The course seeks to build narrative competence, as provided through literary critical theory, as a means of developing an ethical and empathic view of the human experience of illness and healthcare. (FAL)

ENG 325 Chaucer and His Age 3 credits
Prerequisite: 115. Study of the works of Chaucer and of other selected medieval authors. (2SE)

ENG 330 Shakespeare 3 credits
Prerequisite: 112. Study of representative Shakespearean comedies, tragedies, and histories; consideration of historical and literary background. Cross-listed as THE 335. (2FE)

ENG 332 Modern Poetry 3 credits
Prerequisite: 115. This course surveys the poetic voices that have shaped the genre in the last seventy-five years. After reviewing major trends in the poetry of the twentieth and twenty-first centuries, the course will focus more narrowly on seven or eight poets individual poets who have made unique contributions to the genre (S2018)

ENG 333 Modern Drama 3 credits
Prerequisite: 115. This course concentrates on modern drama starting with Ibsen and Chekov with the greatest emphasis on American and British playwrights. Strong writing component, with projects to reflect a student's concentration in writing or minor in theatre. Cross-listed as THE 333.

ENG 334 Modern Women Playwrights 3 credits
Prerequisite: 115. This course will focus on the development of women playwrights in the twentieth century. Selected plays will illustrate the tension within traditional gender roles; sexual repression, freedom, and ambivalence; and women's access to power and agency. Through the use of gender theory, we will investigate how women's drama has been shaped by and has helped to shape the political and socio-economic gains (and losses) of women in the twentieth century. Cross-listed as GST 34 and THE 334.

ENG 335 The Modern Novel 3 credits
Prerequisite: 115. A critical study of major British and American novelists with some consideration of influential global trends in novel writing from 1900 to present.

ENG 340 World Literature in Translation 3 credits
Prerequisite: 115. A critical study of the literature of a selected culture other than North American or European. National and/or ethnic focus of the course changes with each offering. (2SO)

ENG 347 Adolescent Literature **3 credits**
Prerequisite: 115. Using the Indiana Reading List 6-12, this course is designed both for those who want to teach adolescent literature and those who are interested in writing it. An ongoing topic will be contrasts between adolescent literature and adult literature about adolescents. Understanding genres is vital both in the teaching and writing of adolescent literature. (SPR)

ENG 353 British Renaissance Literature: Tudor and Stuart Drama **3 credits**
Prerequisite: 115. This course is a critical study of British Renaissance Drama, excluding Shakespeare. We will explore the works of Shakespeare's contemporary playwrights and delve deeply into the literary conventions of the early modern stage, as well as investigate the cultural, political, and historical significance and lasting influence of Renaissance drama. Cross-listed as THE 353. (ADD)

ENG 354 British Romanticism **3 credits**
Prerequisite: 115. This course explores the origins and developments of the major intellectual movement of British Romanticism. The course focuses on a complex group of writers, artists, and composers who flourished from 1780 to 1830, extending eighteenth-century Enlightenment thought into a counter-cultural movement during one of the most revolutionary and socially contentious periods in English history. (2FO)

ENG 360/460 Internship in English **1-6 credits**
Prerequisite: Junior standing. An approved internship or work experience related to professional writing. Grade point of 3.50 in English and approval of department are required. Course may be repeated once. A maximum of three credits may apply toward the major. Graded S/U. (SEM)

ENG 367 Writing for New Media **3 credits**
See COM 367 (2SO)

ENG 370 Advanced Creative Writing **3 credits**
Prerequisite: 204 or permission. This course offers extended instruction in creative writing including significant practice of revision and editing strategies. Students choose a semester-long focus in one of the primary literary genres-poetry, short fiction, or playwriting, and produce writing in that genre to submit to a journal for publication. (SPR)

ENG 375 Global Cinema **3 credits**
Prerequisite: 115 and GLS 101, or permission. This course with examine trends in international cinema from its inception through the twentieth century with a particular emphasis on the depiction of human dignity. The course will meet twice a week for two and a half hours - half of which will be used for screening the film, and the other half devoted to lecture and discussion. The class will begin with German silent cinema and include films from France, Italy, Spain, Denmark, Sweden, Poland, India, China, Japan and Iran. Cross-listed as GLS 375. (SPR)

ENG 470 Advanced Creative Writing Workshop **3 credits**
Prerequisite: 370 or permission. This course offers advanced creative writing students extended instruction in creative writing and weekly peer and instructor critiques of works-in-progress. The course culminates in the submission of a complete creative writing portfolio for MFA writing programs or other professional pursuits. (ADD)

ENG 490 Senior Seminar **3 credits**
Prerequisite: Senior standing, 250. Departmental seminar for majors in English. Students will extend their understanding of issues critical to English studies by preparing critical and creative work for the senior portfolio. Incorporates the general education senior topic and text. (FAL)

ENG 499 Independent Study **2-3 credits**
Prerequisites: Junior or senior English major and permission. Guided readings and research. (ADD)

ENV 170 Introduction to Environmental Science 3 credits
This course is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Three lecture hours per week. Taken in conjunction with ENV 171, this course satisfies the general education requirement in the scientific knowledge category. (FAL)

ENV 171 Introduction to Environmental Science Lab 1 credit
Prerequisite or corequisite: ENV 170. Application of environmental studies methods, through field and laboratory exercises. Emphases include ecosystem function, aquatic ecology, and environmental impact measurement. One three-hour lab period. Taken in conjunction with ENV 170, this course satisfies the general education requirement in the scientific knowledge category. (FAL)

ENV 172 Introduction to Environmental Science 4 credits
This course examines the biological principles underlying the use, conservation and preservation of natural resources, covering such topics as management of harvested populations, pest management, biodiversity, conservation of endangered species, climate change, human demography, nutrient cycles and pollution. This course is generally offered only in the adult program. (ADD)

ESS 120 Biophysical Values of Activity 3 credits
A study of exercises, preparation and supervision of exercise programs, isotonic, isometric, and plyometrics programs, interval and circuit training, principles of caloric expenditure, healthful techniques of weight loss and weight gain, and methods of class presentation. (SEM)

ESS 128 Foundations of Physical Education and Sport 2 credits
Exploration in the field of physical education; identification of various philosophies and how to establish a philosophic base for physical education; historical and social forces that act upon physical education and sports; and principles that exist in the field of physical education. (FAL)

ESS 139 Introduction to Sport Management 3 credits
An examination of the many career opportunities that exist in the field of sport management. Emphasis is provided in career planning, terminology of sport management, professional skills required, historical perspectives of sport, and the psychology and sociology of sport. (FAL)

ESS 145 Health & Physical Education Teaching Strategies and Methods 2 credits
HPE Teaching Strategies designed to assist the HPE teaching major or minor in the development of lesson planning, leadership skills, methodology, and classroom procedures in the physical education environment. (2SE).

ESS 150 Individual Sports 3 credits
A study of rules, skills, strategy, and self-testing relating to life-long sports. The student receives instruction in teaching techniques in tennis, golf, bowling, archery, tumbling and stunts, and other individual sports. Health and wellness is promoted in lifelong sports participation. (2SO)

ESS 151 Instructional Methods in Tennis and Golf 1 credit
Prerequisite: 128 or permission. The course includes instruction in the fundamental skills and rules of the sport of tennis and golf. Emphasis will be placed on the instructional techniques and methodology in order to help prepare the student to instruct tennis and golf. (FAL)

ESS 152 Instructional Methods in Volleyball 1 credit
Prerequisite: 128 or permission. The course includes instruction in the fundamental skills and rules of the sport of basketball and volleyball. Emphasis will be placed on the instructional techniques and methodology in order to help prepare the student to instruct basketball and volleyball. (SPR)

ESS 153 Instructional Methods in Football and Soccer 1 credit
Prerequisite: 128 or permission. The course includes instruction in the fundamental skills and rules of the sport of football and soccer. Emphasis will be placed on the instructional techniques and methodology in order to help prepare the student to instruct football and soccer. (FAL)

ESS 154 Instructional Methods in Lifetime Fitness 1 credit
Prerequisite: 128 or permission. The course includes instruction and techniques of lifetime fitness skills, sports and activities. Emphasis will be on the importance of physical fitness and obtaining the knowledge of how to attain a health-enhancing level of fitness. Focus will be on group exercise and fitness activities such as Pilates, aerobics, and similar group activities. (FAL)

ESS 155 Instructional Methods in Strength and Conditioning 1 credit
Prerequisite: 128 or permission. The course includes instruction in the fundamental skills and techniques of strength training including safety, strength physiology, spotting, training recommendations, lifting techniques, and program design as it relates to the physical education teaching environment. (SPR)

ESS 160 Team Sports 3 credits
A study of rules, skills, strategy, and self-testing relating to team sports. The student receives instruction in teaching techniques in volleyball, softball, soccer, touch and flag football, basketball, and other team sports. (2SE)

ESS 170 Fitness and Wellness 3 credits
This course is designed to teach the student the role of physical activity and fitness in maintaining adequate health and improved quality of life. Students will also learn how to assess, develop and implement a complete lifetime fitness and wellness program and its components. (SPR)

ESS 228 Movement and Rhythmic Activities 2 credits
This study and teaching application of the skills associated with movement, rhythmic, and associated activities in the physical education environment. Emphasis will be on the fundamental skills, appreciation, and instructional strategies and teaching methods. (2FE).

ESS 230 First Aid 2 credits
Methods of rendering aid in case of sudden illness or accident. The student receives instruction on how to care for himself as well as others in emergency situations. Methods of maintaining optimal health are introduced. Instruction on how to perform CPR (cardio-pulmonary resuscitation) is provided. Fee required. (SEM)

ESS 240 Officiating 3 credits
Theory and practice of procedures, techniques, and ethics of officiating baseball, basketball, football, softball, and volleyball. The student has the opportunity to become licensed in any or all of the above sports. $45 fee for state testing and license certification by the IHSAA. (2FE)

ESS 245 Theory of Speed and Athletic Development 3 credits
The study of the principles and methodologies to enhance speed and athletic performance. Emphasis on the concepts of periodization of training as it relates to preseason, competitive season, and off-season goals. Topics include anatomical and physiological foundations of speed development, evaluation and assessment protocols, exercise techniques, and safety. (FAL)

ESS 247 Coaching Principles **3 credits**
This course is a comprehensive introduction to the coaching profession. Emphasis is placed on sport at the high school and serious club levels. Consideration is also given to coaching at other levels, such as youth, recreational, and intercollegiate sport programs. The primary goal of the course is to develop and enhance students' knowledge and understanding of concepts and techniques of coaching and their application to achieving important objectives in working with athletes. The course and textbook combine sport science theory and research with the practical knowledge and methods of expert coaches in the five essential categories of coaching education and professional practice. Principles and practical applications are presented and thoroughly explained for each of these five important dimensions of coaching. (ADD)

ESS 249 School Health Education **3 credits**
This course is designed to prepare the health educator in teaching for school health throughout the school curriculum. Emphasis will be on the content, activities, and resources to help the classroom teacher deliver health instruction to K – 12 students and thereby help the students form a positive foundation for lifetime health and wellness. (ADD)

ESS 250 Group Fitness Activities **3 credits**
This course is designed to provide students with an overview of the educational concepts, techniques, program design, and leadership skills needed to teach group activities programs. The course provides an overview of essential safety and risk management procedures to enable the student to lead a safe and effective exercise program as well as practical application of various instructional formats. (ADD)

ESS 260 Practicum in Sport Performance **3 credits**
Prerequisites: ESS 120, ESS 170 and ESS 245. This course is intended to be a practical experience course for the fitness professional field. The SP student will spend time observing and assisting a fitness professional in the field. The SP will gain a better understanding of the career opportunities and requirements and skills of professionals in the field. (SEM)

ESS 265 Structural Anatomy **3 credits**
Prerequisites: 120 and major in sport performance or physical education teacher education. This specialized course will consist of an in-depth study of the human skeletal system, articular (joint) system, and the system of skeletal muscles (structure, function, and interaction). It is designed to prepare students for the classes that are required for sport performance and physical education teacher education programs and assist in the preparatory programs in pre-physical therapy and pre-athletic training. (SPR)

ESS 269 Physical Activities for the Elementary Grades **3 credits**
This course is designed to incorporate physical activities and games into the elementary physical education classroom. Emphasis will be on activities of play, games, lifetime fitness, playground/gymnasium procedures and lesson planning. This course requires the student to be in an elementary classroom a minimum of 32 hours per semester. (2SO)

ESS 270 Nutritional Principles for Sport and Exercise **3 credits**
Study of the nutritional needs of the athlete and active person. Emphasis includes: fat, carbohydrate, protein, vitamin, mineral and water needs of the active person; energy metabolism, food and fluid intake prior to, during and after exercise; nutritional management of anemia and diabetes; nutrient needs of the young and old athlete. (SPR)

ESS 310 Sport Facility and Event Management **3 credits**
A study on how to function, in a systematic and organized manner, as a director of events in a sport facility; how to manage facility and equipment as a sport director. Cross-listed as BUS 311. (SPR)

ESS 340 Sport Psychology **3 credits**
See PSY 340. (FAL)

ESS 344 Coaching of Basketball **2 credits**
Fundamentals of offensive and defensive techniques are studied. This course analyzes strategies, organization procedures, game preparation, coaching principles, and athlete health and safety. (2FE)

ESS 345 Coaching of Football **2 credits**
Fundamentals of offensive and defensive techniques are studied. This course analyzes strategies, organization procedures, preparation, coaching principles, and athlete health and safety. (2FO)

ESS 346 Coaching of Baseball and Softball **2 credits**
Techniques, theories, and principles of coaching baseball and softball; offensive and defensive fundamentals by position; rules, organizational and training methods, and athlete health and safety. (2SO)

ESS 347 Coaching of Track and Field **2 credits**
Techniques, theories, and principles of coaching track and field events; fundamentals for each event, rules, organizational and training methods, and athlete health and safety. (2SE)

ESS 348 Coaching of Volleyball **2 credits**
Techniques, theories, and principles of coaching volleyball; offensive and defensive strategies, rules, organization, fundamentals, training methods and athlete health and safety. (2FE)

ESS 349 Coaching of Soccer **2 credits**
Techniques, theories, and principles of coaching soccer; offensive and defensive strategies, rules, organization, fundamentals, training methods, and athlete health and safety. (2SO)

ESS 350 Coaching and Personal Training **3 credits**
Prerequisite: ESS 120. Recommended: ESS 351 and ESS 352. In this course, students will be exposed to all the important aspects of personal training. In addition to the classroom activities, students will be required to participate in a four-week practicum where they will actually gain practical experience in coaching and personal training. (SPR)

ESS 351 Kinesiology **3 credits**
Prerequisite: ESS 120, and ESS 265 or BIO 225 (preferred). A study of the functions of muscles in various movements, locations, and types. The study of articulations and their anatomical limitations. The student studies a kinesiological analysis of several activities. Cross-listed BIO 351. (FAL)

ESS 352 Physiology of Exercise **3 credits**
Prerequisite: ESS 120, and BIO 150, BIO 226, or BIO 334. The student studies the description, analysis, and comprehensive change that the systems of the body undergo while at rest and at exercise. Body changes that occur in body systems from rest to exercise, both permanent and temporary, are studied. Cross-listed as BIO 352. (SPR)

ESS 354 Legal Aspects in Sport Environments **3 credits**
An examination of legal issues in sport environments. A study of legal duties and responsibilities, negligence, due process, school laws, injuries to participants and spectators, liability, player eligibility, drug testing, and sex discrimination is provided. (FAL)

ESS 355 Care and Prevention of Athletic Injuries **3 credits**
Prerequisite: BIO 225 or permission. Study of factors which affect maximum human performance in athletic competition. Techniques in shielding the athlete from possible damaging sequelae and in restoring him/her to maximum performance after injury. Consideration of the kinesiological, physiological, and behavioral factors in athletics. (FAL)

ESS 360 Internship 3-12 credits
Experiences in teaching, coaching, training, intramurals, recreation leadership, or sport information. The student has the opportunity to do fieldwork in one of these areas. This course may be repeated for an accumulated total of 12 credits. Does not count toward the credits required in the major. Graded S/U. (SEM)

ESS 363 Adaptive Physical Education 3 credits
This course is designed to provide basic knowledge pertaining to students with disabilities in the physical education classroom. Additionally, federal and state laws pertaining to the education of individuals with disabilities are addressed. Practical, on-site work at a local school is included. (ADD)

ESS 370 Personal and Community Health and Safety 3 credits
An investigation into personal and community health problems. Course work is focused on preparing the individual to teach health at the high school level. (SPR)

ESS 375 Scientific Principles of Strength and Conditioning 3 credits
Prerequisites: ESS 120, ESS 351, and ESS 352. The scientific principles and procedures involved in the assessment of physical fitness and exercise prescription. Primary topics include: cardio-respiratory endurance, muscular fitness, body weight and composition, flexibility, and pre-cardiovascular training screening. (SEM)

ESS 380 Special Topics in ESS 1-3 credits
Prerequisite: 120 or 139. A special topic addressing a current interest or subject in sport management or health and physical education. May be repeated as content varies. (ADD)

ESS 390 Path-specific Certification Review 3 credits
Prerequisite: ESS 120. Recommended: ESS 351 and ESS 352. In this course, students will cover all the study materials required to pass the certification of their choice. At the conclusion of the preparation period, the student will be prepared to actually take the certification exam. (SEM)

ESS 410 Organization and Administration 3 credits
Methods of and problems in organizing and administering a physical education and health program. Criteria for designing curricula for all levels of instruction considering environmental and social forces that affect, challenge, and meet the needs of the student; equipment, protection, health and safety program, and standards of ethics. (FAL)

ESS 420 Tests and Measurements in Physical Education 3 credits
Designed for the health and physical education major with emphasis on techniques of test administration and application to results of physical performance activity programs. Content of course includes: statistical methods in measures of central tendency, measures of variability, z scores, correlation coefficient, t-tests, and chi square. (SPR)

ESS 434 Advanced Physiology of Exercise 4 credits
Prerequisite: BIO 226 or BIO 334; CHE 305 and BIO 310 or 311. This course presents students with the structural and metabolic aspects of the adaptations to human physical exercise. Both acute and chronic adaptations to exercise as well as disuse will be addressed. This presentation will presume complete familiarity with medical-level physiology and biochemistry. Opportunities to make simple non-invasive measurements will be provided in the laboratory session. Three lecture hours and three lab hours per week. Cross-listed as BIO 434 (SPR)

ESS 435 Fitness Testing and Exercise Prescription 3 credits
Principles and practices of prescribing exercise to healthy individuals, and individuals with life-style and congenital conditions such as cardiac problems, asthma, diabetes, pregnancy, and physical disabilities. Included in the topics will be proper avenues of using screening tests and fitness parameters to design proper fitness activities to all populations. (SPR)

ESS 445 Clinical Aspects of Exercise Physiology 3 credits
Prerequisite: ESS 120 and ESS 352. Recommended: BIO 226 or BIO 334. In this course, students will be exposed to the role of exercise and exercise prescription in clinical settings. It will include, but not be limited to, aspects of cardiovascular function, pulmonary function, and central issues such as control of blood pressure and aging. (FAL)

ESS 453 Essentials of Exercise Science for HPE 3 credits
This course is an applied approach to exercise science for the physical education teacher. It is designed to enable the physical education student to implement concepts of underlying performance techniques, to analyze and correct sport techniques, and to identify and assess fitness, energy systems, and training for the energy systems. (FAL)

ESS 470 Nutritional Biochemistry 3 credits
Prerequisite: CHE 305 and either BIO 204 or ESS 120. Recommended: CHE 306; BIO310 or 311 and ESS 352 or ESS 434. In this course, students will be exposed to the biochemistry of nutrition. Students will develop an understanding of the absorption, metabolism, and biochemical roles of macronutrients, micronutrients, vitamins, and minerals. Cross-listed as BIO 470. (SPR)

ESS 475 Advanced Strength and Conditioning 3 credits
Prerequisite: ESS 120, either BIO 226 or BIO 334, and either ESS 352 or ESS 434. Recommended: ESS 375. In this course, students will be exposed to advanced concepts of strength and conditioning. The goal is to prepare students to apply these concepts to program analysis and then to the construction of effective programs. (FAL)

ESS 490 Senior Seminar in ESS 3 credits
A capstone course for seniors. Students read and report on writings in ESS or sport management. The skill of summarizing, analyzing, and applying this information to the chosen field of endeavor is emphasized. Integrates the general education theme and readings. Attendance at convocations required. These skills are demonstrated in both written and oral presentations. (FAL)

ESS 498 Research Project 3 credits
Prerequisite: permission of ESS faculty member. Under the guidance of a faculty mentor, each student will participate in a real-world research project related to at least one aspect of the academic program. This can be an individual project or part of a larger project connected to one of our external partners. At the end of each semester, the student will make a formal oral presentation of their findings. Research deemed to be of sufficient quality by the faculty mentor may be incorporated into a manuscript to be submitted for publication. (SEM)

ESS 499 Independent Study 1-4 credits
Prerequisites: Permission, and junior or senior ESS or sport management major. Guided readings and research. (ADD)

FIN 111 Personal Finance 3 credits
Introduces personal finance and the financial planning process. Study includes budgeting and cash management, credit and debt management, tax management, major purchase and housing expenditures, insurance fundamentals, investment fundamentals, retirement and estate planning. Financial calculators and computer applications are utilized. (FAL)

FIN 180, 280, 380, 480 Special Topics in Finance 1-3 credits
Prerequisite: Permission. Selected topics applying to the study of finance. Course subjects are announced at the time of pre-registration and may be repeated for different topics. The current economic and business environments will generate topics. (ADD)

FIN 310 Managerial Finance 3 credits
Prerequisite: ACC 211 or 250. Focuses on the financial functioning of business enterprises. Topics covered include organizational forms, the financial marketplace, the international financial marketplace, ratio analysis, time value of money, the risk/return tradeoff, fixed-income securities, common stock securities, and capital budgeting. Financial calculators and cases are utilized. (FAL)

FIN 311 Advanced Corporate Finance 3 credits
Prerequisite: BUS 209 or 310. Focuses on the financial functioning of business enterprises. Topics covered include the cost of capital, capital structure, dividend policies, working capital management, intermediate-term funding, options, leases, and corporate restructuring. Financial calculators and cases are utilized. (SPR)

FIN 350 Money and Banking 3 credits
Prerequisite: BUS 109 or ECN 201 or ECN 202. Introduces the financial market environment, the Federal Reserve System and monetary policy, and the major security markets. Study includes the roles of financial markets and interest rates, the functions of the Federal Reserve System and its monetary theory and policy, money markets, bond markets, mortgage markets, and stock markets. (FAL)

FIN 352 Public Finance 3 credits
Prerequisites: BUS 209, or either of ECN301/302. This course provides students with a project-oriented introduction to public finance. Topics covered typically include an introduction to government finance and overview of the United States' revenue system, phases in the federal budget cycle, the design of the tax system, budget balance and the consequences of government debt, reasons for government intervention in the marketplace, cost-benefit analysis of government investment and government programs, and current policy debates (e.g., income support for the poor, education, social security, the government and health care). (SPR)

FIN 356 Real Estate 3 credits
Prerequisite: 310, or corequisite: BUS 209. Covers the mastering of basic real estate principles and the transfer of real estate. Teaches practical knowledge related to the purchasing and leasing of residential, commercial and investment property. Study includes financing, title insurance, legal considerations, options, contract purchases, purchase money mortgages, tax ramifications, and other real estate issues. (ADD)

FIN 357 Risk and Insurance 3 credits
Prerequisite: 310, or corequisite: BUS 209. Studies risk management and the nature of risk, insurance as a method of dealing with risk, and insurance as a social and economic institution. Topics include property, liability, life, health, and social insurances. (ADD)

FIN 358 Student Managed Venture Fund 3 credits
Prerequisite: BUS 209 and ACC 250. This course provides students with an opportunity to make actual investments in local companies, while managing the Clark H. Byrum School of Business Venture Fund. Students become venture capitalists for a semester, meeting with local companies, analyzing business plans and deciding which businesses to fund. Students also maintain a record of the fund's investments and returns. This course can be repeated and fulfills the elective business experience requirement. The course may be repeated a second time and count as an upper level finance course. (SEM)

FIN 360 Investments 3 credits
Prerequisite: 310 or BUS 209. Studies the fundamentals of investments and how they are analyzed and evaluated. This course focuses on security selection, portfolio diversification, and asset allocation. Topics also covered include techniques, vehicles, and strategies for implementing investment goals in light of risk-return tradeoffs. (FAL)

FIN 411 International Finance **3 credits**
Prerequisite: BUS 209. This course helps students identify and solve problems that arise when cash flows are denominated in a foreign currency. The topics addressed in the course include foreign currency markets, exposure to foreign currency risk, hedging exposure foreign currency risk with futures, option and swap contracts, and valuation of cross-border capital investment opportunities. Many concepts can be applied from both a financial manager's perspective within a multinational corporation and from a portfolio manager's perspective. (SPR)

FIN 420 Financial Institutions **3 credits**
Prerequisite: 310. An analysis of the commercial banking system, in the United States, the international banking system and other nonbank financial institutions. Study includes commercial bank sources and uses of funds, bank regulation, bank management and performance, and banking in foreign countries. Also, nonbank financial institutions are studied, including savings institutions, credit unions, finance companies, mutual funds, securities firms, pension funds, and insurance companies. (ADD)

FIN 455 Cases in Accounting and Finance **3 credits**
See ACC 455. (SPR)

FIN 460, 461, 462 Internship Finance I, II, III **3-9 credits**
Prerequisites to 460: ACC 250 and permission. Prerequisites to 461: 460 and permission. Prerequisites to 462: 461 and permission.
Designed to give qualified upper division finance majors on-the-job educational experiences. It is an introduction to a practical, supervised work experience that is related to the student's area of study. Placement is arranged after application, interview, and approval by the department faculty. The student and the employer give periodic reports and evaluations. All placements are paid positions. A minimum of 180 hours of actual work experience is required to earn three credits. Credits earned in these courses are not included in the 40-credit limit in the major. A second internship may count for elective business experience. Graded S/U. (ADD)

FIN 499 Independent Study in Finance **1-3 credits**
Prerequisites: Junior or senior finance major and permission. Guided study and/or research in finance. (ADD)

FRE 101 Introduction to French I **4 credits**
Introductory study of the French language with emphasis on building an adequate vocabulary and sense of structure to carry out routine tasks and engage in simple conversation. The course is designed to help the student ask and answer questions about familiar topics and handle basic social situations, write simple sentences, and learn about aspects of everyday culture in the French-speaking world. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (FAL)

FRE 102 Introduction to French II **4 credits**
Prerequisite: 101, or placement. Continued practice in and expansion of skills in listening comprehension, speaking, reading and writing. The course is designed to help the student satisfy minimum courtesy, introduction and identification requirements, maintain simple face-to-face conversations on familiar topics, understand the main ideas in simple connected texts, and learn how cultural differences affect one's experiences of the world. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (SPR)

FRE 200 Intermediate French I **3 credits**
Prerequisite: 102, or placement. Continued development of proficiency in communication skills. The course is designed to help the student participate in simple conversations on topics such as personal history and leisure-time activities, read consistently with increased understanding simple connected texts, write short narratives about familiar topics, and demonstrate an understanding of cultural differences and/or similarities in a world view. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (FAL)

FRE 201 Intermediate French II **3 credits**

Prerequisite: 200, or placement. Continues the review of basic structural elements of the French language and provides a context for students to develop consistency in understanding and correct usage. The course is designed to help the student initiate, sustain, and close a general conversation, read consistently with full understanding simple connected texts and get some main ideas from texts featuring description and narration, write about personal experience, and appreciate culture-based values in the francophone world. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (SPR)

FRE 220 Readings in Contemporary French Culture **3 credits**

Prerequisite: 201, or equivalent knowledge of French. Development of skills required to read for information and to analyze written materials of average difficulty. Readings comprise prose fiction, news writing, articles of cultural or historical interest, and simple technical material written for the general reader. Video newscasts are reviewed periodically. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (ADD)

FRE 230 Oral Communication in French **3 credits**

Prerequisite: 201 or equivalent knowledge of French. Development of speaking and interpretive skills required to participate in sustained or brief, impromptu conversations (interpersonal), and to present oral reports, prepared dialogs or readings (presentational). Attention is given to pronunciation, intonation, and development of functional and varied expressions appropriate to the situation. Taught in French. (ADD)

FRE 280, 380, 480 Special Topics **3 credits**

Prerequisite: 201 or permission. Study of a selected topic in French current affairs, business, cultural expression or literary works involving a particular topic, theme, or genre. The selected topics or themes are publicized in the semester class schedule. Advanced communication skills developed through a study abroad experience also apply as a special topic. For credits earned through a study abroad experience, selected topics are approved by the advisor in French and the Director of Study Abroad at the time of application. Topics vary from one semester to the next to allow students to take the course more than once. (ADD)

FRE 310 Written Communication in French **4 credits**

Prerequisite: 201. Development of and practice in correct application of French language and structure through written expression. Writing exercises include social and business correspondence (interpersonal), as well as well-structured summaries, narratives, or critiques (presentational). Writing strategies lead students to write in French coherently and convincingly, to read and think critically, and to edit and revise their own work through peer review. Taught in French. (ADD)

FRE 315 France: The Story of a Nation **3 credits**

Prerequisite: 201. The course examines the evolution of French civilization, its institutions and cultural expression from the Gauls to the Fifth Republic. The evolution from monarchy to Republic, in the movement of ideas, in social conventions, and in literary and artistic achievement identifies France as a political and cultural center in Europe. Class is conducted in French. (ADD)

FRE 316 France and the French Today **3 credits**

Prerequisite: 201. The course presents a multi-faceted view of the continuing evolution of France and the French people since the inauguration of the Fifth Republic in 1958. Important influences include the role of France in Europe and in international organizations, the economy, the feminist movement, the changing demographics due to immigration, the expanded influences of Francophonie and modern technology. Class is conducted in French. (ADD)

FRE 320 Cinema: Experiment, Technique, and Art **3 credits**
Prerequisite: 201 or equivalent. The course will trace the development of film as an art form in France since early experiments by Louis and Auguste Lumière in the 19th century. The student will view and analyze French films from the 1930's to the present, particularly those which represent the master works of filmmakers, directors and actors. Through "reading" films, the class will determine how craft, technique, science and imagination mesh in artistic creation. Unless otherwise noted, class is conducted in French. (ADD)

FRE 340 French Literature: The Novel **3 credits**
Prerequisite: 220 or permission. Study of the development of the novel in France with an analysis of works representative of major novelists and of literary periods. (ADD)

FRE 345 French Literature: The Theatre **3 credits**
Prerequisite: 220 or permission. Study of the development of dramatic writing in France with an analysis of works representative of major dramatists and of literary periods. (ADD)

FRE 360 Internship/Practicum in French **1-6 credits**
Prerequisite: Junior standing. An approved internship or work experience using the student's proficiency in the French language. A maximum of three credits may apply toward the major. Graded S/U. (SEM)

FRE 470 Survey of French Literature I **3 credits**
Prerequisite: 220 or permission. Study of the beginnings of literary expression in France from the epics and dramatic representations of the Middle Ages, through the Renaissance and classical period featuring Rabelais, Ronsard, Molière, and Racine, and through the Age of Enlightenment featuring Voltaire, Diderot, Montesquieu, and Rousseau. (ADD)

FRE 471 Survey of French Literature II **3 credits**
Prerequisite: 220 or permission. Study of the important movements and writers in France during the nineteenth and twentieth centuries. Special attention is given to the romantic, symbolist, and surrealist poets, the novelists Balzac, Stendhal, Flaubert, and Zola, and twentieth-century writers Proust, Gide, Sartre, Anouilh, and Ionesco. (ADD)

FRE 499 Independent Study **2-3 credits**
Prerequisite: Junior or senior French major and permission. Guided readings and research. (ADD)

FYS 110 First Year Seminar **3 credits**
This seminar is a theme-based course for first year students, which integrates them into the academic life of Marian University. The seminar will provide students with the opportunity to expand their critical thinking, information literacy, collaborative learning, understanding of the Franciscan values, and other skills that develop students' intellectual and practical competencies. This course partially satisfies general education curriculum standards for foundational intellectual skills in written communication. (SEM)

GEO 101 Introduction to Geography **3 credits**
This course is a study of regional and United States geography, including physical geography (land forms, water, climate, natural resources) and human geography (cultural, economic, political, population geography). This class includes the study of map skills, reading and interpreting maps, determining distance and direction, and locating physical features. (2SO)

GER 101 Introduction to German I **4 credits**
Introductory study of the German language with emphasis on building an adequate vocabulary and sense of structure to carry out routine tasks and engage in simple conversation. The course is designed to help the student ask and answer questions about familiar topics and handle basic social situations, complete basic writing tasks, and learn about aspects of everyday culture in the German tradition. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (FAL)

GER 102 Introduction to German II 4 credits
Prerequisite: 101 or placement. Continuation of vocabulary building and getting a sense of language structure. Practice in the skills of listening comprehension, speaking, reading, and writing. The course is designed to help the student satisfy minimum courtesy, introduction and identification requirements, maintain simple face-to-face conversations on familiar topics, understand the main ideas in simple connected texts, and recognize how cultural differences affect one's experience of the world. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (SPR)

GER 200 Intermediate German I 3 credits
Prerequisite: 102 or placement. Continued development of proficiency in communication skills. The course is designed to help the student participate in simple conversations on topics such as personal history and leisure-time activities, read consistently with increased understanding simple connected texts, write short narratives about familiar topics, use correct word order, and demonstrate an understanding of cultural differences and/or similarities in a worldview. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (FAL)

GER 201 Intermediate German II 3 credits
Prerequisite: 200 or placement. Continues the review of basic structural elements of the German language and provides a context for students to develop consistency in understanding and correct usage as they advance to connected discourse in German. The course is designed to help the student initiate, sustain and close a general conversation, read consistently with full understanding simple connected texts and get some main ideas from texts featuring description and narration, write about personal experience, and appreciate culture-based values in the German tradition. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (SPR)

GER 220 Narrative Prose in German 3 credits
Prerequisite: 201 or equivalent knowledge of German. Development of skills required to read for information and to analyze written materials of average difficulty. Readings consist of selections from typical narrative prose of the nineteenth and twentieth centuries. (ADD) GER 230 Oral Communication in German 3 credits Prerequisite: 201 or equivalent knowledge of German. Intensive practice in German conversation. Students learn and use appropriate functional expressions, prepare and deliver dialogues and brief oral reports, and engage in impromptu conversations on topics of current public and personal interest. Attention is given to pronunciation, intonation, and fluency. Taught in German. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (ADD)

GER 230 Oral Communication in German 3 credits
Prerequisite: 201 or equivalent knowledge of German. Intensive practice in German conversation. Students learn and use appropriate functional expressions, prepare and deliver dialogues and brief oral reports, and engage in impromptu conversations on topics of current public and personal interest. Attention is given to pronunciation, intonation, and fluency. Taught in German. (ADD)

GER 280, 380, 480 Special Topics in German 3 credits
Prerequisite: 201 or permission. Study of a selected topic in German current affairs, business, film, literary works or other cultural expression involving a particular topic, theme, or genre. The selected topics or themes are publicized in the semester class schedule. Advanced communication skills developed through a study abroad experience also apply as a special topic. For credits earned through a study abroad experience, selected topics are approved by the advisor in German and the Director of Study Abroad at the time of application. Topics vary from one semester to the next to allow students to take the course more than once. (ADD)

GER 310 Written Communication in German 3 credits
Prerequisite: 201. Review of the essentials of German grammar with application to composition. The course is designed to help students write simple social correspondence, take notes, write cohesive summaries and resumes, as well as narratives and descriptions of a factual nature. Taught in German. (ADD)

GER 315 History of German Civilization 3 credits
Prerequisite: 201. An introductory study of the German people; lectures, readings and discussions on their geographical, political, historical, social, and artistic development. (ADD)

GER 317 Germany's Collective Memory in Literature, Film and Memorials 3 credits
Prerequisite: GER 201 or permission. Germany's complex and catastrophic history has made it a country that reflects deeply on its own past and how this past has shaped its sense of collective national identity. In this course, we will examine how memory is "constructed" and what types of memory exist: private vs. collective and then communicative vs. cultural. We discuss German literature, films and memorials about the major historical events in Germany during the 20th century. English is the language of instruction. Students taking the course as GER 317 will do the readings and assignments in German. For students registered under LAC 317, readings and assignments are in English. Course discussions are in English. Cross-listed as LAC 317. (ADD)

GER 340 The German Novella 3 credits
Prerequisite: 201. A survey of the development of the German novella, a literary genre which represents Germany's unique contribution to the European literature of the nineteenth-century. (ADD)

GER 345 The German Drama 3 credits
Prerequisite: 201. Study of the development of German drama from its beginnings to twentieth-century dramas; selections from representative dramatists of each period. (ADD)

GER 370 Survey of German Literature: Origins to 1800 3 credits
Prerequisite: 220 or permission. Study of the important movements in German literature from its origins through the eighteenth-century. Reading and discussion of representative works, and the fundamentals of literary criticism. (ADD)

GER 371 Survey of German Literature: 1800 to present 3 credits
Prerequisite: 220 or permission. Basic literary survey from the early nineteenth-century to the present time. Special emphasis on representative selections and authors of note. Reading for understanding, including skills of summarization, explication, stylistics, and analysis. (ADD)

GER 499 Independent Study 3 credits
Prerequisites: Junior or senior standing and permission. Guided readings and research. (ADD)

GLS 101 Global Perspectives 3 credits
This course introduces students to the political, economic, cultural, and social processes that generate increasing interdependence and globalization. The course examines the global-local connections of contemporary issues and concerns, develops and encourages critical thinking about global issues, and introduces the University's Franciscan values as an interpretive framework for analysis and discussion. (FAL)

GLS 290 Model United Nations 2 credits
This course explores the United Nations (UN), the world's forum for conflict resolution and global governance, focusing on the role of a particular member state. Students will learn about the organizational structure and processes of the UN as well as the foreign policy and positions of a specific country on key global issues. Students will role-play the representatives of that country at the UN in the classroom, and the learning experience will culminate with participation as delegates representing that country at a multi-day Model U.N. conference held in a major U.S. city (cities and regional conferences may vary). This course is open to all majors and has no prerequisites. Enhancement courses, such as GLS 290, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SPR)

GLS 358 Religion and Globalization 3 credits
Prerequisite: 101 and THL 105, or permission. The principal focus of this Global Issues Seminar will be an investigation into how globalization has impacted Christianity (Catholicism, Protestantism, and Pentecostalism), Islam, and Buddhism, as well as how these faiths are influencing globalization. The geographical focus will be Africa, Asia, and Latin America. Class will include field trips to various places of worship. Cross-listed as THL 358. (2SO)

GLS 360 Global Studies Internship 3 credits
Prerequisites: 101, a minimum overall GPA of 3.00, and approval of the global studies program director. Internationally focused internships can be internal or external to the university, in local, national, or international public, private, or non-profit sectors. (SEM)

GLS 361 Politics of the Global Economy 3 credits
See POL 361. (2SE)

GLS 365 Topics in Global History 3 credits
Prerequisite: 101 and HIS 102, or permission. This course will provide students an opportunity to consider world history theoretically by engaging significant texts, intellectually through broad ideas with trans-cultural influence, and comparatively through case studies. Students will read texts from theorists such as Gayatri Chakravorty Spivak, Homi Bhabha, Edward Said, Ian Tyrrell, William H. McNeil, and Philip Curtin. They will contend with ways to conceptualize world history through ideas such as empire and revolution; trade and poverty; war and politics of the other. This course will attempt to immerse students in different historical periods and places through art, literature, film, and texts. It will introduce students to ways of seeing historically that address time, scale, the personal as well as the political. The topics surveyed in the course will be flexible and change as the course is taught by different faculty in the history program. (2FE)

GLS 367 Cross-Cultural Psychology 3 credits
Prerequisite: 101 and PSY 101 or 220, or permission. This course addresses the impact of cultural diversity, across the globe, on the study of human behavior and the mind. Topics will cover cross-cultural research methods, ethnocentrism's effect on prejudice, basic psychological processes affected by culture, gender development, health communication, self development, mental disorder, and social and organizational behavior. Short response essays, journal analyses, an analytical paper, opinion surveys, and discussions will reinforce student learning in this course. Cross-listed as PSY 367. (FAL)

GLS 375 Global Cinema 3 credits
See ENG 375. (2FO)

GLS 377 Global Health Issues and Interventions 3 credits
Prerequisite: 101 and SOC 101, or permission. This course is intended to provide global studies students a comprehensive examination of numerous health and illness topics within the context of social, cultural, political, and economic arenas. The goal is to provide students with knowledge that would assist them in understanding and addressing the health needs of various communities around the world. Each week we will focus on a particular health-related issue and will include an initial lecture with key points, followed with a tutorial/workshop, and conclude with discussion and debate. Students are expected to engage in weekly readings, gain practical insight into current global medical issues, and apply appropriate frameworks in response to global medical issues. Students are also expected to follow the key points for each lecture, and engage fruitfully and intellectually into class discussions and debates with substantiated information. Cross-listed as SOC 377. (2FO)

GLS 380 Global Issues Seminar 3 credits
Prerequisites: 101 or permission of instructor. Course includes readings, discussion, research, and writing on selected topics and themes from a particular academic discipline. The course may be cross-listed with a sponsoring department. (SPR)

GST 200 Introduction to Gender Studies 3 credits
This interdisciplinary course is designed to introduce students to the discipline of gender studies by examining the following topics, central to the study of gender: the social construction of gender and its relation to other social constructs like race and class; and the consequences of gender construction in terms of legitimizing power and creating and perpetuating inequality. In this course, students will examine the implications of gender constructs as they are applied to academic and public discourse and lived experience. This is a collaborative course in which the instructor of record will be joined by 6 or 8 other faculty members who will each preside over one week's classes, presenting course material in lecture or seminar format and guiding student discussion. This course partially satisfies general education curriculum standards for the development of behavioral and social knowledge. (FAL)

GST 210 Introduction to Gender Theory 3 credits
Prerequisite: 200. This course is an overview of the major writers in feminist theory. Students will read the writings of influential feminists to examine how these writers have analyzed politics, identity, power, discourse and violence in light of changing global and historic conditions. Special attention will be paid to how theory informs a gendered understanding of social justice and liberating action in the contemporary world. (SPR)

GST 301 Sex, Gender, and Sexuality 3 credits
Prerequisites: 200, 210. See SOC 305. (2SE)

GST 302 Women and Power in American History 3 credits
Prerequisites: 200, 210. This course is a critical study of literature concerned with the construction of gender, sex, and sexuality as functions of identity and authority that interact with such other constructions as race, ethnicity, nationality, and class. Course content and pedagogy are informed by feminist critical theory. (2SO)

GST 303 Gender and Literature 3 credits
Prerequisites: 200, 210. This course is a critical study of literature concerned with the construction of gender, sex, and sexuality as functions of identity and authority that interact with such other constructions as race, ethnicity, nationality, and class. Course content and pedagogy are informed by feminist critical theory. (2SO)

GST 304 Feminist Theologies 3 credits
Prerequisites: 200, 210. To do theology from a feminist perspective is to be open to the ongoing, ever deepening understanding of the revelation of God. This course will examine the 40+ year history of the feminist voice in theology. A careful reading and analysis of the theological scholarship done on the role and voice of women in Christian history, scripture and tradition will be undertaken so as to have a fuller understanding of faith and humanity. Cross-listed as THL 323. (SP 2018)

GST 305 Gender and European History 3 credits
Prerequisites: 200, 210. This course will provide an overview of gender and European History from 1789 to the present. Issues covered include: the origins of feminism, women and revolutions, families and the state, gender and the two world wars, Cold War constructions of masculinity/femininity, gender and imperialism, and contemporary European feminisms. (2FE)

GST 306 Masculinity, Imagery, and the Production of Meaning 3 credits
See ARH 306. (Spring 2015)

GST 334 Modern Women Playwrights 3 credits
See ENG 334.

GST 380 Special Topics in Gender Studies 3 credits
Prerequisites: 200, 210. Readings, discussion, research, and writing on selected topics in Gender Studies. Courses are designed and taught by faculty from diverse disciplines and departments. (ADD)

GST 490 Senior Capstone 3 credits
Prerequisites: 200, 210, and 6 additional hours of GST electives. This course presents an opportunity for students to apply women's studies and gender theory to practice and synthesize their work as the final project in the GST minor. Students will arrange for an internship or volunteer placement at a nonprofit organization, business, or institution that incorporates a gender focus. This will be set up before the semester begins. A structured reflection forum to analyze experience and methods will meet on a weekly basis. Students will meet to think through relationships among empirical research, theory, activism, and practice in gender studies. Majors with diverse interests, perspectives, and expertise will have the opportunity to reflect on the significance of their gender studies education in relation to their current work, their academic studies as a whole, and their plans for the future. (SPR)

HIS 102 History of the Modern World 3 credits
Study of the increasing contacts and interdependence of civilizations, 1500 to the present; the rise of the West, European reconnaissance and expansion, imperialism and decolonization, religion, science, and technology. This course partially satisfies general education curriculum standards for the development of behavioral and social knowledge. (SEM)

HIS H02 Honors History of the Modern World 3 credits
Prerequisite: Student must meet honors program criteria. HIS 102 enriched with reading and writing. Limited enrollment. This course partially satisfies general education curriculum standards for the development of behavioral and social knowledge. (ADD)

HIS 207 European History from the Enlightenment to the Present 3 credits
Prerequisite: 102. This course explores the historical changes that have forged the “modern” Western world. It deals with major cultural, social, economic, and political trends in European history from the Enlightenment to the present. Some of the main questions examined include how “modernity” developed in the West, the impact of the West’s encounter with other peoples and cultures, and the development of modern Western political ideas. (FAL)

HIS 216 United States History for Elementary Educators 3 credits
Prerequisite: 102 or permission. The course will survey United States history, from the colonial period to contemporary time, with the intention of covering content areas included on the Praxis exams. The aim of the course is to provide a foundation in chronology, history, geography, politics, and economics of the United States. This course is designed for students who expect to be teachers in the future. (ADD)

HIS 217 United States History for Majors and Minors 3 credits
Prerequisite: 102 or permission. This course will provide a survey of Unites States history, from the colonial period to contemporary time. Rather than operate like a traditional survey, the course deals with major cultural, social, economic, and political trends in United States history. As such, the course will address chronologically broad themes such as constitutionalism, republicanism, religion, popular literature and culture, race and class relations, and war. (FAL)

HIS 246 Teaching History 3 credits
Prerequisites: 207, 217. This course is an introduction to the methods and strategies of teaching history at the secondary level with specific emphasis on curriculum creation. Students will research history topics and create unit plans and classroom materials for their future classrooms. Emphasis will be placed on the planning and assessing of successful learning experiences for the history student at the secondary level. In this course, students will create lessons designed to facilitate high school students' historical understanding and habits of thinking historically. (ADD)

HIS 299 Historiography 3 credits
Prerequisites: 207 or 217 (may be taken concurrently) or permission. An inquiry into the nature, sources, and writing of history primarily through reading, discussion, field trips, and written work. Required of history majors, strongly recommended for the sophomore year. (SPR)

HIS 301 Historical Research 3 credits
Prerequisites: 102, 207, 217, 299. This course is designed to be a bridge between HIS 299 (Historiography) and HIS 490 (Senior Seminar) by helping students apply historical theories to independent research projects. Students will use archives found locally; on-line; and, if ambitious, as far away as a student is willing to travel. The course will help students identify and research a significant project that they will complete as part of their Senior Seminar experience. (SPR)

HIS 302 Women and Power in American History 3 credits
Prerequisite: 102. There are many ways to examine the history of the United States—in this course, we will put women at the center of the story. Most importantly, this class explores gender as a category of historical analysis. Through reading, writing and discussion, we will examine the roles of race and class in creating the gender identity of women in the United States, the ongoing political struggle to gain increased civil and political rights; the changing notions of “proper roles” for women and men; the development of different women’s movements. We have three major themes we will be exploring this semester: a) work and the sexual division of labor b) gender and the meaning of politics c) the role of family and motherhood. (2SO)

HIS 334 Cultural and Intellectual History of Europe 3 credits
Prerequisite: 207 or 217, and 299 (may be taken concurrently); or permission. This course examines the important intellectual thinkers and movements of modern Europe. It outlines important political, cultural, and ideological trends that have shaped European life from the Enlightenment to the present. (ADD)

HIS 336 Women and Gender in European History 3 credits
Prerequisites: 207 or 217, and 299 (may be taken concurrently); or permission. This course examines the role of gender and women in modern European and modern North American history from the Enlightenment to the present. (2FO)

HIS 337 The Era of the First World War: 1870-1936 3 credits
Prerequisites: 207 and 299 (may be taken concurrently), or permission. This course examines one of the most important aspects of modern world history, the First World War. It looks at the social, political, and cultural ideas present in European society from 1870-1936, and examines the First World War as the “birth of the modern age.” (2SE)

HIS 338 The City in European History 3 credits
Prerequisites: 207 and 299 (may be taken concurrently), or permission. This course examines the emergence and development of the modern European city, including the social, political, and cultural meaning of the urban experience for the people of Europe from 1800 to present, with a major focus on the cities of London, Paris, Vienna, Berlin, and Manchester. (2FE)

HIS 341 Europe and Russia in the Middle Ages, 700-1500 3 credits
Prerequisites or co-requisites: 207 and 299 or permission. This course is a comprehensive study of the medieval European world: its governance, conflicts, society, and culture from 700-1400. Topics explored include the Byzantine world and the Carolingian world; Muslim, Magyar, and Viking "invasions" of Europe; the feudal world; governance, commercial exchange and intellectual developments of European countries and empires. (ADD)

HIS 343 African-American History 3 credits
Prerequisites: 102, 217. This course offers a survey of African American history, thought and cultural expression in the United States from the colonial period to the present. It will examine the African origins of black Americans, the slave trade and experience, Reconstruction, the Civil Rights Movement, Black Power and contemporary freedom struggles, highlighting the diverse movements for liberation and equal rights. It will explore significant themes including labor, religion, community, and popular culture. Importantly, the readings will illuminate the intersections of race, class and gender in understanding the diversity of the African American experience. (2SE)

HIS 345 American Cultural History 3 credits
Prerequisites: 217 and 299 (may be taken concurrently), or permission. An exploration of what makes Americans look, sound, and act the way they do. Surveys cultural history, both popular and elite, from the earliest days of colonial settlement to the latest Hollywood blockbuster, with special attention given to those moments that define eras. (ADD)

HIS 346 Movies and American Culture 3 credits
Prerequisites: 217 and 299 (may be taken concurrently), or permission. This course examines the significant cultural trends reflected in and caused by the history of motion pictures. As a cultural history of movies, this course pulls together a variety of historical perspectives including movies as an art, an industry, a force for social and political change, and an educational tool. (ADD)

HIS 348 The History of the Catholic Church in the United States 3 credits
Prerequisite: 102. This course surveys major trends, movements, issues, and personalities that have shaped the Catholic experience in the United States. The Catholic community's internal development is treated through themes of colonial origins, immigration, and Americanization. Discussing the American context in which the Catholic community developed stress the influences from a Protestant and/or secular culture. The course aims to impart a fuller understanding of what forms the identity of U.S. Catholics and how Catholics came to their present position in national life. (2FE)

HIS 351 Europe in the Renaissance and Reformation 3 credits
Prerequisites or co-requisites: 207 and 299 or permission. This course serves as an introduction to history of Western Europe during the periods of the Renaissance and Reformation. The course addresses the cultural, political, social and artistic movements in these periods. Themes covered include the crisis of the 14th century, the Italian Renaissance, Northern Humanism, Reformation, Geneva and Calvin, Paris and the Bartholomew's Massacre, popular religions, and witches and magic. (ADD)

HIS 371 The Long Revolution: America from 1765-1865 3 credits
Prerequisites: 102, 217. This course treats the period from the beginning of the American war against the British to the end of the nation's civil war as one long revolution in the history of American ideas about freedom and ideology. The course will illustrate that fundamental questions about individual rights, the power of the state, and the role of the nation in international affairs were NOT conceived fully-formed in the 1780s, but were wrestled over and determined temporarily by politics, culture, and violence. In short, the Long Revolution will provide students with insight into a nation that has struggled and (not surprisingly) continues to struggle with issues that no political party or theoretical position can adequately address by itself. (2SE)

HIS 380 Special Topics in History 3 credits
Prerequisites: 207 or 216 or 217, and 299 (may be taken concurrently), or permission. Readings, discussion, and writing on selected topics. (ADD)

HIS 420 Modern France 3 credits
Prerequisite: 300-level HIS course or permission. This course explores the history of modern France from the fall of the old regime in 1789 to the complex challenges of immigration and multi-culturalism in the late twentieth-century. (2SE)

HIS 430 Modern Germany 3 credits
Prerequisite: 300-level HIS course or permission. This course examines the controversial history of modern Germany in the period from 1870 to present. Important cultural, political, and intellectual trends in the history of Germany from its creation to the fall of the wall are explored. (ADD)

HIS 440 Empire and Nation: Colonialism/Post-Colonialism 3 credits
Prerequisite: 300-level HIS course or permission. This course examines the history and cultural theories of imperialism and post-colonialism. European experiences of imperialism, "dominated" peoples experiences of imperialism and post-colonial cultural theory and history are explored. The course focuses on the experiences of Europeans, Africans, and Asians in this web of interaction through the nineteenth and twentieth century's. (2SO)

HIS 444 American Intellectual History 3 credits
Prerequisites: 217 and 299 (may be taken concurrently), or permission. An analysis of ideas in American history from the Puritans to the present; stress is placed on the relation between ideas and their historical context. (2FO)

HIS 470 Modern America 3 credits
Prerequisite: 300-level HIS course or permission. A study of the emergence of the United States to great power and influence in world affairs after 1945; social, political, and economic changes in American domestic life from World War II to the present. (2FE)

HIS 490 Senior History Seminar 3 credits
Prerequisites: Senior history major and permission. Senior history majors discuss and analyze required general education book and works of major western historians in this capstone course. Attendance at convocations required. (FAL)

HIS 499 Independent Study 3 credits
Prerequisites: Junior or senior standing and permission. Guided readings and research. (ADD)

HON 340 Great Books Discussion 1-3 credits
Honors Program students are directed in the close reading of a single text whose significance make it pivotal in the history of ideas and culture. May be repeated. (ADD)

HON 380 Honors Program Special Topics 1-3 credits
Honor Program students are directed in the readings, discussion, and writing on selected topics. (ADD)

HON 399 Directed Research 1 credit
Guided scholarly experience for Honors Program seniors. Required for all seniors presenting at the Honors Colloquium. Unless otherwise advised by the director of the Honors Program, seniors should register for only one credit during the spring semester of their senior year. Graded S/U. (SPR)

HPE 100 Weight Training 1 credit
HPE 101 Walking for Fitness 1 credit
HPE 102 Racquetball 1 credit
HPE 105 Introduction to Martial Arts 1 credit
HPE 106 Step Aerobics 1 credit
HPE 107 Tennis 1 credit
HPE 108 Bowling 1 credit
HPE 109 Volleyball 1 credit
HPE 111 Basketball 1 credit
HPE 112 Wallyball 1 credit
HPE 113 Plyometrics Speed Training 1 credit
HPE 114 Beginning Pilates 1 credit
HPE 115 Basic Physical Defense for Women 1 credit
HPE 119 Developmental Conditioning 1 credit
HPE 121 Zumba 1 credit
Enhancement courses, such as the above physical activity courses, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (ADD)

HUM 210 The Search for Meaning Through Culture 3 credits
A consideration of the particular kind of knowledge, which the literature, art and music of Western civilization have to offer; a study of artists' expressions of human experience. HUM 210 explores human creativity from prehistory to our world today and the search for answers to the enduring questions of existence. This course partially satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (SEM)

HUM 230 Literature, Music and Art in Western Tradition I 4 credits
Prerequisite: ENG 115. A consideration of the particular kind of knowledge, which the literature, art and music of western civilization have to offer; the search for meaning through culture. The class consists of two hours of literature and one hour each of art and music, and deals with literature and the arts from the ancient world through the Renaissance period. This course satisfies the teacher certification requirements for world literature, comparative literature, and music and art appreciation. (SEM)

HUM 231 Literature, Music and Art in Western Tradition II 4 credits
Prerequisite: ENG 115. A continuation of HUM 230, this class consists of two hours of literature and one hour each of art and music, and deals with literature and the arts from after the Renaissance period up to present time. This course satisfies the teacher certification requirements for world literature, comparative literature, and music and art appreciation. (SEM)

ISP 380 Special Topics in International Studies 3 credits
Prerequisite: by permission. This three-week international studies course, conducted in the last three weeks of May, offers students from all disciplines the opportunity to study in an international setting and enhance cultural and global awareness. The setting, focus, and academic department(s) sponsoring the course change each year. Credit can be obtained through ISP 380, HON 380, or 380 of the sponsoring department(s), or through a student's minor or major department with the approval of the departmental advisor. (SUM)

LAC 317 Germany's Collective Memory in Literature, Film and Memorials 3 credits
Germany's complex and catastrophic history has made it a country that reflects deeply on its own past and how this past has shaped its sense of collective national identity. In this course, we will examine how memory is "constructed" and what types of memory exist: private vs. collective and then communicative vs. cultural. We discuss German literature, films and memorials about the major historical events in Germany during the 20th century. English is the language of instruction. Students taking the course as GER 317 will do the readings and assignments in German. For students registered under LAC 317, readings and assignments are in English. Course discussions are in English. (ADD). Cross-listed as GER 317.

LAC 325 Latino Catholic Culture 3 credits
This course is an overview of Latino culture specifically through the lens of Catholic identity so that students are equipped with the linguistic and analytical skills to encourage an inclusive Catholic community in accordance to the Franciscan values. Through an overview of the historical, political, social and especially artistic markers that have shaped the Latino Catholic Church, this course aims to introduce students to the issues and encourage students to reflect on possible solutions. All students who want to work in the Church in any capacity are encouraged to take this course. English is the language of instruction. Students taking the course as SPA 325 will read and write in Spanish. Cross-listed with SPA 325. (2FO)

LAC 335 Latino Voices in the US 3 credits
Prerequisite: permission of instructor. This course is a study of the diverse Latino population of the United States. Literature, film, music, and interdisciplinary scholarship serve as the basis for our study of the social, economic, and political situations of this growing population. This course continues development of the students' Spanish language skills through readings and discussion in Spanish. For students registered under LAC 335, readings and discussions are in English. Cross-listed as SPA 335. (4SE)

LAT 101 Latin I 4 credits
This course introduces the Latin language illustrated of itself through a continuing narrative where the student encounters vocabulary and grammar and induces the meanings of words and the rules of grammar from context. This method of language presentation is called the immersion-induction method, and is similar to the way one learns one's native language. The features of the language presented in the readings are reinforced through exercises in Latin requiring the student to apply what was understood through reading of the text. Supplemental materials explain the grammar, translate vocabulary, and provide charts of the forms of Latin words. Comprehension checks and grammar explanations in English are provided by the instructor. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (ADD)

LAT 102 Latin II 4 credits
Prerequisite: 101. Latin 102 continues from Latin 101 to present the language through a continuing narrative. The student learns vocabulary and syntax in the context of the narrative, which is similar to the way in which one learns a first language. The features of the language presented in the readings are reinforced through exercises in Latin requiring the student to apply what was understood through reading of the text. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (ADD)

LAT 200 Intermediate Latin I 3 credits
Prerequisite: 102. Latin 200 continues from Latin 102 to present the language through a continuing narrative. The student learns vocabulary and syntax in the context of the narrative. The features of the language presented in the readings are reinforced through exercises in Latin requiring the student to apply what was understood through reading of the text. Training in independent reading receives increased emphasis. (FAL)

LAT 201 Intermediate Latin II: Readings in Latin Texts 3 credits
Prerequisite: 200 or placement. Latin 201 is the second course in the intermediate sequence of Latin. It emphasizes strategies to improve reading comprehension, drawing on Greek, Roman, and medieval myths and legends for its content. (SPR)

LAW 100 Introduction to the Paralegal Profession: Choosing an Area of Specialization 1 credit
This course is designed to introduce the student to the profession, as well as the expectations of a paralegal and legal assistant in multiple environments and career choices in the field. Students will be exposed to the following areas of specialization: real estate; wills and probate; health law; criminal, family, insurance defense, property, commercial and contracts. Guest speakers (attorneys and paralegals), as well as panel discussions, will present throughout the term in the various areas; these panelists will continue to be an interactive component of the program, including future courses and internship opportunities. This course is offered only in the MAP program.

LAW 101 Mock Trial I 2 credits
Students learn the procedures and standards for the American Mock Trial Association and develop and practice presenting the mock trial case for that year. Members of Marian University's mock trial team are selected from the students in the course. Enhancement courses, such as LAW 101, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (FAL)

LAW 102 Mock Trial II 2 credits
Prerequisites: 101 and/or permission of instructor. This course is for the students selected from LAW 101 to be members of Marian University's mock trial case for that year and participate in competition with other colleges and universities. Enhancement courses, such as LAW 102, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SPR)

LAW 104 Introduction to the Paralegal Profession: Choosing an Area of Specialization 3 credits
This course is designed to introduce the students to the profession. The students will learn the expectations of a paralegal and legal assistant in multiple environments (small firm, large firm, government agencies, non-profits and organizations, corporations and other) and be exposed to a vast number of areas of specialization within criminal and civil law. Students will benefit from hearing from local and out of state paralegals, attorneys and judges in these various environments and specializations. Students will be exposed to the basic fundamentals of legal research and writing to prepare them for the next course in the sequence, as well as gain an understanding of credentialing, the PCCE and PACE exams, the current and projected demands in the industry, and how to become involved in local organizations and networking opportunities to gain an edge in internship placement and employment. This course is offered only in the MAP program.

LAW 215 Legal Research 3 credits
Prerequisites: 100, grade of "C+" or better in ENG 101 and/or 239, and grade of "C+" or better in MIS 101. This course is designed to introduce the student to various legal research techniques and databases and gain exposure to federal and state case law, statutes and regulations. The student will learn how to find information, analyze information, and analyze and validate case law. The student will be introduced to key technologies to aid in research and learn the importance of validating one's research. See the following components for the research course: statutes (state, federal, international and uniform), regulations (state, federal and ordinances, case law (state, federal and administrative), Internet research, copyright issues and secondary sources, Westlaw, Lexis, Bloomberg Law, Casemaker and Fastcase, dockets and briefs, business and people information, law office software (e-discovery, case management, legal timekeeping and billing, litigation support, spreadsheet and database management). This course is offered only in the MAP program.

LAW 216 Legal Writing and Communication 3 credits
Prerequisite: 215 with a grade of "C+" or higher. The student will be exposed to a variety of legal writing tools and forms of writing, such as legal correspondence, thesis paragraphs, memorandums of law, statements, summary arguments, proposals and briefs. The student will be competent in predictive writing and persuasive writing and aware of the importance of editing and the revision process. This course will focus on reading for comprehension in the legal setting; reinforcement of strong legal research skills; clear, concise and persuasive legal writing skills; and communication and presentation abilities. This course is offered only in the MAP program.

LAW 256 Professional Responsibilities and Ethical Decision Making 3 credits
Prerequisite: 216 with a grade of "C+" or higher. This course is designed to introduce the student to ethics in the legal field. This course promotes professional behavior and communication, ethical decision making, and strong analytical and interpretation skills. This course covers civil and criminal procedure, courtroom etiquette and individual legal rights. It will discuss the ethical obligations and liabilities of the attorney and paralegal relationships to each other and to the client. This course is offered only the MAP program.

LAW 261 Legal Liability: Contracts for the Paralegal 3 credits
Prerequisite: 216 with a grade of "C+" or higher. This course is designed to focus on the basics of contract law from formation to failure of performance to remedy and change. Students will study civil liability, as opposed to criminal liability; contract reviewing and drafting; and the liability of those who breach contract. This course is offered only in the MAP program.

LAW 262 Legal Liability: Torts for the Paralegal 3 credits
Prerequisite: 216 with a grade of "C+" or higher. This course is designed to focus on the basics of torts law, examining the issue of lawsuits and damage awards. Students will study civil liability, as opposed to criminal liability. The course will provide a hands-on approach with applicable cases in order to prepare the student for work in the practical area of tort law. This course is offered only in the MAP program.

LAW 272 Civil Litigation for the Paralegal 3 credits
Prerequisites: 216 with a grade of "C+" or higher. This course will prepare students to properly and professionally assist attorneys in civil trial, from opening discovery to jury trial preparations. Students will draft legal documents; initiate, prepare and conduct discovery; navigate medical records and billing; investigate and interview; and design trial notebooks. This course is offered only in the MAP program.

LAW 285 Case Practice Management and Technology Capstone 3 credits
Prerequisites: All other legal courses. In this economy, students must be ready to enter the workplace knowing the basic requirements expected of them from potential employers in a legal environment, such as calendaring systems, scheduling strategies, technology in the law office, file management and office etiquette. This course prepares students to walk in the first day and succeed in the environment as a legal assistant and/or paralegal. This course will build and reinforce objectives learned in the prior legal specialty courses and help students bring it all together. This course is structured to provide students with not only a theoretical understanding of paralegal studies, research abilities, writing skills and computer technology and applications, but also practical, hands-on experience, including advanced electronic correspondence, research, discovery and filing. Microsoft applications, such as Word, Excel, Access and PowerPoint will be covered to aid in research, data keeping, spreadsheets, calendaring methods and time management skills. This course is offered only in the MAP program.

LAW 290 Legal Career Preparation and Development 1 credit
Prerequisite: 285 or permission. This course develops students' abilities to successfully apply and interview for legal positions and provides an understanding of the current job market. Career planning, industry research, preparation and evaluation of appropriate documentation, such as application letter and resume, and interviewing techniques are included. This course is offered only in the MAP program.

LAW 292 Credentialing for the Paralegal Profession 1 credit
Prerequisites: LAW 285 or permission. LAW 292 will focus on the benefits and fundamentals of the process of credentialing of the professional paralegal and the basic, foundational preparation for the PCCE and PACE exams. It will prepare students for what to expect on the certification exam (PCCE) upon graduation and discuss new expectations in the growing and ever-changing market, as well as introduce students to local organizations that provide assistance in the credentialing process. This course is offered only in the MAP program.

LAW 300 Legal Practice and Method 3 credits
This course introduces students to the practice and method of law in the American legal system. The focus of the course is on learning the case law method through close reading and in-depth analysis of court opinions dealing with a number of different areas in the law. The forms of written and oral argumentation specific to the practice and method of American law are also covered. (2SO)

LAW 360 Internship in Prelaw Studies 2-6 credits
Prerequisites: Permission of Director of the Center for Prelaw Studies, pursuant of prelaw concentration, 3.00 overall GPA, junior or senior standing. Director approves work load, work site, objectives, and credit hours in consultation with on-site supervisor. 45 hours of work for 1 credit per semester, repeated up to 6 credit hours. Graded S/U. (SEM)

LAW 360 Internship in Prelaw Studies/ Paralegal Studies 3 credits
Prerequisite: Completion of all other courses and/or permission. All coursework, aside from 380, must be successfully completed. Director of Educational Services/Paralegal Studies approves work load, work site, objectives and credit hours in consultation with the Director of Prelaw Studies and the onsite internship supervisor of the law office. 60 hours of work are required for 1 credit hour. This course is offered only in the MAP program.

LAW 380 Special Topics in Law 3 credits
Prerequisite: Instructor permission. Selected topics in the history, ethics, and practice of law in American and international judicial systems. (ADD)

LAW 380 Special Topics/Independent Study in Law 3 credits
Prerequisite: Completion of all other courses and/or permission; independent study with mentor in conjunction with internship. The student will work with a mentor and be guided through a special project in one of the following focus areas to expand on the internship experience and provide research help to the law office of internship: criminal law, family law, civil litigation, immigration, bankruptcy, health law, international law, personal injury, motor sports (sports and entertainment law). This course is offered only in the MAP program.

MAT 090 Introductory Algebra 3 credits
Algebraic principles and procedures are studied. Understanding of concepts, not memorization of manipulative skills, is emphasized. Tables and graphs are integrated to give numerical and visual meaning to algebraic expressions. **A grade of "C" or better is required. MAT 090 may be repeated only one time; if the second attempt is unsuccessful, the student is ineligible to return based on lack of progress.** Developmental courses, such as MAT 090, count toward the credits required for degree completion, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MAT 095 Intermediate Algebra 3 credits
Designed for students needing a mathematics course to assist them in their major area of study, such as health science. Topics selected include linear equations, graphing, proportion, and variation applications, use of exponents. **A grade of "C" or better is required. MAT 095 may be repeated only one time; if the second attempt is unsuccessful, the student is ineligible to return based on lack of progress.** Developmental courses, such as MAT 095, count toward the credits required for degree completion, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MAT 115 Mathematics for Elementary School Teachers I 4 credits
Prerequisite: Elementary education majors only. This is the first of a two-semester sequence of courses designed to strengthen, broaden, and enrich the student's background in the areas associated with elementary school mathematics. Topics included are problem-solving, logic, sets, numeration systems, operations involving decimal and non-decimal bases, geometry of shape and size, and measurements. Manipulatives and hands-on experiences are utilized to demonstrate content. A weekly lab allows for additional work with manipulatives, student application of learned concepts, and a practicum experience in an elementary school for a minimum of 8 hours. The students teach a minimum of one lesson in their practicum setting. Three hours of lecture and two hours of lab per week. This course satisfies general education curriculum standards for foundational intellectual skills in quantitative reasoning. (FAL)

MAT 116 Mathematics for Elementary School Teachers II 5 credits
Prerequisite: 115. This is the second of a two-semester sequence of courses designed to strengthen, broaden, and enrich the student's background in the areas associated with elementary school mathematics. Attention is given to various problem-solving techniques. In addition to the text, outside readings from other sources, especially Teaching Children Mathematics, are required. Manipulatives and hands-on experiences are utilized to demonstrate content. Topics included are problem-solving, geometry of shape and size, measurement, fractions, and real numbers. A weekly lab allows for additional work with manipulatives, student application of learned concepts, and a practicum experience in an elementary school for a minimum of 8 hours. The students will teach a minimum of one lesson in their practicum setting. Four hours of lecture and two hours of lab per week. (SPR)

MAT 130 Statistics in the Contemporary World 3 credits
Statistical ideas and reasoning are used to study current issues. Sampling distributions, measurement, and concepts of inference are included in the course. Concepts are applied to current opinion polls, political and social issues. This course satisfies the general education standards for foundational intellectual skills in quantitative reasoning. (SPR)

MAT 140 College Algebra 3 credits
An integrated course emphasizing the concepts and skills needed to continue in mathematics. Topics included are polynomials, algebraic fractions, equations, inequalities, functions, matrices, permutations, and graphing of selected functions. This course satisfies the general education standards for foundational intellectual skills in quantitative reasoning. (SEM)

MAT 145 Precalculus 3 credits
Study of exponential, logarithmic and trigonometric functions, analytical geometry including the conic sections, matrices and determinants, and an introduction to limits. This course satisfies the general education standards for foundational intellectual skills in quantitative reasoning. (SEM)

MAT 180/280/380/480 Special Topics in Mathematics 1-3 credits
Prerequisite: Instructor permission. Special topics in mathematics as deemed necessary by needs of students. (ADD)

MAT 211 Mathematical Tools 1 credit
Prerequisite or co-requisite: MAT 215 or higher, or permission of instructor. This is an introduction to MATLAB. The course will introduce students to the fundamentals, structure, and help systems of the software and will aim to give students the skills to approach mathematical problems and to explore mathematical topics. (FAL)

MAT 215 Fundamentals and Special Applications of Calculus 3 credits
Designed for non-mathematics majors. Study of functions and their graphs, the process and techniques of differentiation and integration, and applications in the students' respective fields of interest. This course satisfies the general education standards for foundational intellectual skills in quantitative reasoning. (SEM)

MAT 230 Calculus and Analytic Geometry I 4 credits
This course begins the formal study of limits, differentiability of algebraic and transcendental functions, applications of differentiation, and an introduction to integration. This course satisfies the general education standards for foundational intellectual skills in quantitative reasoning. (FAL)

MAT 231 Calculus and Analytic Geometry II 4 credits
Prerequisite: 230. Study of integration by standard forms and special methods, indeterminate forms and improper integrals, transcendental functions, analytic geometry, and polar coordinates. (SPR)

MAT 250 Problem-Solving and Introduction to Proofs 3 credits
Reading comprehension of mathematical statements, analyzing definitions and theorems, formulating conjectures and generalizations, careful and rigorous arguments. Main topics are elementary logic, techniques of proofs, functions, and combinatorial reasoning. (SPR)

MAT 305 Calculus and Analytic Geometry III 4 credits
Prerequisite: 231. Study of lines, curves, planes, and surfaces by means of coordinate systems and vectors; differentiation and integration of functions of several variables; infinite series; functions represented by power series; applications. (FAL)

MAT 310 Linear Algebra 3 credits
Study of Matrix Theory in connection with the algebra of systems of linear equations and the geometry of vector spaces. It includes determinant, linear dependence, basis, dimension, linear transformation, Eigen values and Eigen vectors. Applications in different fields will be the center of this course. (FAL)

MAT 315 Differential Equations 3 credits
Prerequisite: 305. Study of ordinary differential equations. Solution methods for first order equations, higher order linear equations and systems of linear equations, approximate methods of solution, and applications. (SPR)

MAT 322 Statistical Inference and Data Analysis I 3 credits
Prerequisite: MAT 231 or permission of instructor. The course will cover basic concepts of data analysis and statistical inference, applied to 1-sample and 2- sample location problems: confidence intervals, hypothesis testing, and p-values. Probability models and statistical methods will be applied to practical situations and actual data sets from various disciplines. Elementary statistical theory, including the plug-in principle, maximum likelihood, and the method of least squares will also be covered. A statistical computing package will be used. (FAL)

MAT 323 Statistical Inference and Data Analysis II 3 credits
Prerequisite: MAT 322. A continuation of MAT 322. (SPR)

MAT 330 Advanced Geometry 3 credits
Study of Euclidean geometry, both classical and modern, finite geometries, geometric transformations, and convexity. Axiomatic structure is emphasized. (2FO)

MAT 331 Modern Geometries 3 credits
An introduction to several geometries developed after 1800. Study of non-Euclidean geometries, particularly hyperbolic geometry, projective geometry, geometric topology, and geometry of inversion. Axiomatic structure and invariant properties are emphasized. (2SE)

MAT 335 Number Theory 3 credits
Prerequisite: 250. Study of integers, their properties, and relationships. Topics: representation of integers, Euclid's algorithm, the fundamental theorem of arithmetic, the number-theoretic functions, Diophantine equations, congruences, residues. (2SO)

MAT 350 Numerical Methods **3 credits**
Prerequisite: MAT 231 and CST 171 or instructor permission. An introduction to numerical algorithms essential in scientific computation. Elementary discussion of error, interpolation, quadrature, solution of non-linear equations, and systems of linear equations. Programming concepts needed for implementing numerical algorithms. Selected algorithms are implemented on a computer or programmable calculator. (2SE)

MAT 370 Financial Mathematics **3 credits**
Prerequisites: MAT 231. This is a preparatory course for Society of Actuaries Exam FM (Financial Mathematics) or Casualty Actuarial Society Exam 2. Emphasis is placed on Interest Theory. (2SE)

MAT 409 Topics in Discrete Mathematics **3 credits**
Prerequisite: 250. Treatment of topics in combinatorics and graph theory. Examples of topics from combinatorics include basic counting rules, inclusion/exclusion principle, derangements, recurrence relations, generating functions, combinatorial designs, and coding theory. Examples of topics from graph theory include graphs and digraphs, subgraphs, planar graphs, graph coloring, trees, networks, matching theory, and graph algorithms. (2FO)

MAT 422 Probability Theory **3 credits**
Prerequisite: MAT 322, 323, and 305, or permission of instructor. The course will cover probability spaces, random variables, characteristic and moment generating functions. Important discrete and continuous distributions; joint, conditional, and marginal distributions; expectation; sequences of random variables, modes of convergence, laws of large numbers, and the central limit theorem will also be covered. (FAL)

MAT 423 Applied Linear Models **3 credits**
Prerequisite: MAT 322, 323 and 310. This course will cover linear models, model building, prediction, testing of models, data analysis, and appropriateness of models. Simple and multiple linear regression, analysis of variance, and the design of experiments will also be covered. A statistical computing package will be used. (2SE)

MAT 425 Mathematical Modeling **3 credit**
Prerequisite: MAT 315. The main goal of this course is to provide opportunities for students to construct and analyze mathematical models that arise in the physical, biological and social sciences. Mathematical models are usually created in order to obtain understanding of problems and situations arising in the real world. Sometimes, the main goal is to make predictions or to control certain processes and other times models are created in order to aid in decision making. (2FO)

MAT 440 Abstract Algebra I **3 credits**
Prerequisite: 250, 310. An axiomatic study of important algebraic systems, including groups, rings, fields, and vector spaces. (2FE)

MAT 441 Abstract Algebra II **3 credits**
Prerequisite: 440. A continuation of MAT 440. (2SO)

MAT 450 Real Analysis **3 credits**
Prerequisite: 250. A rigorous introduction to the foundations of real analysis: real numbers, sequences, limits, continuity, differentiation, integration, and series. The emphasis is on establishing and correlating the various properties rather than numerical problem solving. (2SE)

MAT 460 Internship in Mathematics 1-3 credits
Prerequisite: Permission of instructor. The internship in mathematics permits students to earn academic credit for work that deals with the mathematical sciences or prepares the student for graduate school. The internship is designed to integrate classroom knowledge with practical work experience in the student's chosen area of study. Students are evaluated by their on-the-job supervisor and monitoring MAT faculty member. Students also present both a written and oral summation of their experience. A minimum of four hours of actual work experience per week or 60 hours during the semester is required for each credit to be earned. Enrollment in the course is arranged after review and approval of the proposed internship by program faculty. This course may be repeated for an accumulated total of six credits. Graded S/U. (SEM)

MAT 490 Seminar 3 credits
Prerequisite: Senior mathematics major. Special topics designed for mathematics majors in the senior year. Historical developments in mathematics are studied. Interrelationships between mathematics and other areas of study are addressed. Integrates the general education theme and readings. Attendance at convocations required. (FAL)

MAT 499 Independent Study 2-3 credits
Prerequisites: Junior or senior mathematics major and permission. Options include topics in real analysis or guided readings and research. May enroll for two or three credits. (ADD)

MIS 101 Information System Applications 3 credits
A study of various applications of microcomputers to business operations and managerial decision-making. Students are introduced to microcomputer hardware and software concepts as well as to major software applications used in managerial problem solving and decision-making. This course is only offered in the MAP program. (ADD)

MIS 201 Management Information Systems 3 credits
Prerequisites: 101. An introduction to the field of management information systems. Emphasis is placed on the role of computers and information in a modern organization. State-of-the-art business software is used to analyze managerial problems and develop solutions. A variety of information systems problems are studied using case methods. This course is only offered in the MAP program. (ADD)

MIS 265 Geographic Information Systems 3 credits
See BIO 265. (2SE)

MIS 280, 380 Special Topics in Information Systems 1-4 credits
Prerequisite: instructor permission. Selected current topics of interest to the M.I.S. field. (ADD)

MIS 290 Business Applications Development 3 credits
Prerequisite: BUS 209 or permission, and sophomore standing. An applied project seminar in business technology. It is expected that the project will address a particular business issue or e-commerce problem targeted toward the student's major. Students will learn to use applications specific to their major in addition to discussing current issues and future trends in technology as well as strategies for dealing with these changes. (2SE)

MIS 310 Database Management Systems 3 credits
Prerequisite: BUS 209 or permission. An introduction to database management. Topics include data modeling, data structures, normalization, database design methodology, data security, data integrity, and database administration. Both theory and applications are stressed. (2FO)

MIS 317 Web Applications Development 3 credits
Prerequisite: BUS 109 or permission. The course will introduce students to the fundamental areas of internet website development and design using simple tools like HTML and FrontPage. This course is for all students who are interested in studying and designing personal, business, or organization web site designs. (ADD)

MIS 320 Business Decision Making 3 credits
Prerequisites: 201 and BUS 250, or BUS 209, or permission. An introduction to the design and use of decision support systems. Emphasis is placed on forecasting, operational analysis, and database management. Both theory and applications are stressed. (SEM)

MIS 330 Project Management 3 credits
Prerequisite: 201 and BUS 250, or BUS 209, or permission. The field of systems analysis is explored through lectures and applications in analysis and design activities. Students are required to analyze an existing business and design improved procedures, forms, and managerial policies to enhance the firm's operational efficiency. (2SO)

MIS 332 Project Management Methodologies 3 credits
Prerequisite: MIS 101 and BUS 250 or permission. Examines business project management methodologies used to effectively plan, direct and control project activities to achieve schedule, budget and performance objectives. Review the project life cycle, organization and charters, work breakdown structures, responsibility matrixes, cost budgeting, scheduling and resource allocation. Explore planning and control methods such as PERT and Gantt charts, earned value management, and an overview of project management software applications. Includes an introduction to requirements for the Project Management Institute PMP (Project Management Professional) Certification Exam, which is required by many employers seeking project managers. This course is only offered in the MAP program.

MIS 342 Project Planning and Control 3 credits
Prerequisite: MIS 332. Examination of the elements of project planning and control by studying each element in depth. Addresses topics such as work breakdown structure, budgets, costs, resource planning and allocation, project monitoring and reporting, and project and process control methods, as well as the termination and audit of a project. The objective of this course is to understand the importance of planning and scheduling to the successful completion of a project. This course is only offered in the MAP program.

MIS 362 Team Building and Interpersonal Dynamics 3 credits
Prerequisite: MIS 342. An overview of the issues of quality applied to human resources management. Topics include the delegation of authority and empowerment, work groups, team building, and employee involvement, reward/recognition programs and employee morale, and the importance of written and oral communication skills in the delegation, sharing, and execution of work. Focus will be on managing indirect reports throughout the project duration from implementation to successful closing. This course is only offered in the MAP program.

MIS 372 Project Accounting Methods 3 credits
Prerequisite: MIS 362. A study of the application of cost accounting concepts to a project according to its contractual parameters. The course will develop alternative cost methods and outline an approach to track and measure the progress of any project according to its contractual or planned milestones and measurement of value. Because projects use scarce organizational resources and therefore care must be exercised in choosing projects that benefit the organization, participants will learn how to justify the project's expenses in relation to the value it creates for the organization. A variety of financial techniques necessary to quantify costs and benefits are explained, including present-value, return-on-investment (ROI), and break-even analysis. In addition, a number of practical forecasting techniques for revenue, expenses, and project growth are presented. Finally, a number of decision-making strategies are shown to help in making informed project decisions. This course is only offered in the MAP program.

MIS 499 Independent Study 1-3 credits
Prerequisite: Permission. Guided readings, research, and/or development of managerial computer applications. (ADD)

MUL 100/200/300/400	**Private Lessons, Trumpet**	**0.5-1 credit**
MUL 101/201/301/401	**Private Lessons, Baritone**	**0.5-1 credit**
MUL 102/202/302/402	**Private Lessons, French Horn**	**0.5-1 credit**
MUL 103/203/303/403	**Private Lessons, Trombone**	**0.5-1 credit**
MUL 104/204/304/404	**Private Lessons, Bass Trombone**	**0.5-1 credit**
MUL 105/205/305/405	**Private Lessons, Tuba**	**0.5-1 credit**
MUL 115/215/315/415	**Private Lessons, Piano**	**0.5-1 credit**
MUL 116/216/316/416	**Private Lessons, Organ**	**0.5-1 credit**
MUL 117/217/317/417	**Private Lessons, Harpsichord**	**0.5-1 credit**
MUL 130/230/330/430	**Private Lessons, Percussion**	**0.5-1 credit**
MUL 145/245/345/445	**Private Lessons, Violin**	**0.5-1 credit**
MUL 146/246/346/446	**Private Lessons, Viola**	**0.5-1 credit**
MUL 147/247/347/447	**Private Lessons, Violoncello**	**0.5-1 credit**
MUL 148/248/348/448	**Private Lessons, Contrabass**	**0.5-1 credit**
MUL 149/249/349/449	**Private Lessons, Harp**	**0.5-1 credit**
MUL 150/250/350/450	**Private Lessons, Guitar**	**0.5-1 credit**
MUL 151/251/351/451	**Private Lessons, Electric Guitar**	**0.5-1 credit**
MUL 152/252/352/452	**Private Lessons, Electric Bass**	**0.5-1 credit**
MUL 161/261/361/461	**Private Lessons, Voice**	**0.5-1 credit**
MUL 174/274/374/474	**Private Lessons, Flute**	**0.5-1 credit**
MUL 175/275/375/475	**Private Lessons, Clarinet**	**0.5-1 credit**
MUL 176/276/376/476	**Private Lessons, Saxophone**	**0.5-1 credit**
MUL 177/277/377/477	**Private Lessons, Oboe**	**0.5-1 credit**
MUL 178/278/378/478	**Private Lessons, English Horn**	**0.5-1 credit**
MUL 179/279/379/479	**Private Lessons, Bassoon**	**0.5-1 credit**

Open to all majors, 100-level private lessons are designated as an enhancement course, and may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MUL 125 Class Piano I **0.5-1 credit**

First semester of a three semester sequence designed to develop basic keyboard and musicianship skills including technique, sight reading, harmonization, accompaniment, theory, and piano repertoire in preparation for the piano proficiency exam. Open to all majors. (SEM)

MUL 126 Class Piano II **0.5-1 credit**

This class is the second semester of a three semester sequence designed to develop keyboard and musicianship skills, including fundamental technique, scale playing, sight reading, harmonization, transposition, ensemble playing, accompaniment, and piano repertoire. The course is intended to assist students in passing the piano proficiency examination. At the end of the semester, students may elect to take the piano proficiency examination. Students who are not sufficiently prepared to take the exam, or who do not pass the exam, may take MUL 225 Class Piano III. (SEM)

MUL 171/271/371/471 Voice Class 0.5-1 credit

Singing is an activity that can enrich one's life both musically and socially. The more one develops musical skills, the more one is capable of truly understanding the depth, beauty, and tremendous power that the world of music and singing has to offer. The student will learn techniques in proper posture, breath control and tone placement. This aspect of the study will be achieved through singing scales and other vocal exercises. The student will develop the skills of music reading and sight singing. The student will explore vocal music of the Renaissance, Baroque, Classical, Romantic and Contemporary periods. We will begin our studies with songs in English. In time we will include songs in Italian, Latin, and possibly German. The student will also learn how to develop and use subtext to enhance the emotional impact of their performance. To refine these skills, we will explore the repertoire of British and American art song and the American Musical Theatre tradition. Open to all majors. Enhancement courses, such as MUL 171, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MUL 225 Class Piano III 0.5-1 credit

This is the third semester of a three semester sequence designed to develop keyboard and musicianship skills, including fundamental technique, scale and chord playing, sight reading, harmonization, transposition, four part reading, accompaniment, piano repertoire, and open score reading. The course is intended to assist students in passing the piano proficiency examination. Students who are not sufficiently prepared to take the exam, or who do not pass the exam, may repeat MUS 225. (SEM)

MUS 101/201/301/401 Chamber Singers 0.5-1 credit

A small mixed vocal ensemble open to men and women who qualify by audition. Non-music majors are welcome to audition and participate. Enhancement courses, such as MUS 101, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MUS 102/202/302/402 University Choir 0.5-1 credit

A large mixed vocal ensemble open to men and women who qualify by audition. All students at Marian University are welcome to audition and participate in this group. Enhancement courses, such as MUS 102, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MUS 103/203/303/403 University Band 0.5-1 credit

The University Band is made up of students in any major with any amount of experience in band. The course focuses heavily on marching band earlier in the fall semester and gradually shifts toward a heavy focus on concert band by the end of the semester. The marching band performs at Marian University football games, other athletic events, parades, and high school marching festivals and competitions. The wind ensemble eventually takes over the same time block, starting with one rehearsal a week in September, and growing to three or four rehearsals a week (less marching band) by December. Most of the information presented in this course is directly related to performance preparation. Enhancement courses, such as MUS 103, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MUS 104/204/304/404 Brass Ensemble 0.5-1 credit

A small brass ensemble open to all students who qualify by audition. Enhancement courses, such as MUS 104, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MUS 105/205/305/405 Percussion Ensemble 0.5-1 credit

Prerequisite: open to all students by audition. This small percussion ensemble will rehearse and perform different styles of music including ethnic, classical, rock, jazz, contemporary, and ragtime. Enhancement courses, such as MUS 105, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MUS 107/207/307/407 Jazz Band 0.5-1 credit
Open to all students by audition. This course will explore and perform music from the realm of classic American jazz, contemporary jazz, and studio music. Enhancement courses, such as MUS 107, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SPR)

MUS 108/208/308/408 Sacred Choir 0.5-1 credit
A mixed vocal ensemble open to men and women who qualify by audition. Non-music majors and people of all faiths are welcome to audition and participate. This choir performs sacred music only, and sings at all school liturgies as well as occasional outreach performances. In addition, each member is required to sing twice per month at a Marian University Sunday liturgy. Enhancement courses, such as MUS 108, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MUS 120 Music Fundamentals 3 credits
An integrated exploration of the fundamentals of music. Students will learn the elements of musical construction and methods by which those elements blend to create a coherent musical expression. Elements of classical, folk, and popular music will be explored. Recommended for non-majors and music majors and minors seeking to establish a foundation of skills before enrolling in Music Theory I (MUS 125 A). (SPR)

MUS 125 Theory I 3 credits
Integrated courses including written and keyboard harmony, sight singing and dictation, designed to build a framework of understanding for the materials and structure of music. Fee required. (SPR)

MUS 126 Theory II 3 credits
Prerequisite: 125 or permission. A continuation of MUL 125. (FAL)

MUS 127 Appreciation of Music 3 credits
Study of the elements and principles of music necessary for intelligent listening and appreciation. Surveys the chief developments of music history, the works of master composers, folk music, and trends in contemporary music. (2SE)

MUS 157 Pep Band 2 credits
Open to all students by audition. This course will perform for Marian University basketball games and cycling events. The ensemble will perform for no more than three events per semester that do not have to do with basketball or cycling. If there are other performances, each will be strictly on a volunteer basis. The student's grade will not be affected if the student declines to participate in a volunteer performance. Enhancement courses, such as MUS 157, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SPR)

MUS 158/258/358/458 World Drumming Ensemble 0.5-1 credit
Open to all students by approval of the instructor, this course will explore drumming from cultures around the world. Through rehearsals and performances, students will learn various styles of African drumming, Latin percussion and Afro-Cuban drumming, Brazilian drumming, and other world percussion techniques at the discretion of the instructor. The class will perform at least one concert to demonstrate the various styles learned during the semester. Enhancement courses, such as MUS 158, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MUS 159/259/359/459 Show Choir 0.5-1 credit
The MU Show Choir is a choral ensemble of mixed voices (soprano, alto, tenor, and bass) that sings a variety of popular and Broadway choral literature, some of which is enhanced by movement. Students are selected for this ensemble by audition only. The purpose of the MU Show Choir is to provide selected students throughout the university an opportunity to study, rehearse, and perform the aforementioned choral literature. The ensemble also serves as a learning environment for those pursuing a degree in music education and who will one day rehearse their own choirs. The group also serves as goodwill ambassadors for the University by performing for various

organizations, schools, churches, and communities. Enhancement courses, such as MUS 109, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MUS 170/270/370/470 Woodwind Ensemble 0.5-1 credit
A small woodwind ensemble open to all students who qualify by audition. Enhancement courses, such as MUS 100, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

MUS 200 Music Theatre Performance Workshop 3 credits
This course is designed to give performance opportunities in scene development. Musical theatre, operetta, and light opera scenes are staged and presented in review format. If possible, small cast music theatre works are performed in their entirety. This applied class has different content each semester and can be taken more than once. (ADD)

MUS 226 Vocal Pedagogy 2 credits
Study of vocal production, introduction to diction, and a brief survey of vocal literature. (FAL)

MUS 227 Diction I 2 credits
English, Italian, and Latin for singers, choral directors, music educators, and fine arts students. Students are introduced to the International Phonetic Alphabet (IPA) symbols as well as appropriate literature. (SPR)

MUS 228 Diction II 2 credits
German and French for singers, choral directors, music educators, and fine arts students. Students study advanced applications of the International Phonetic Alphabet symbols as well as appropriate literature. (ADD)

MUS 251 Music Technology 1 credit
Prerequisite: 126. Selected software enables the student to sequence, notate, arrange, and compose at the computer. Internet sources enhance the course, serving as a tool to allow the student to collect MIDI files, tutorials, and updated information on current projects. (SPR)

MUS 252 History of Rock and Roll Music 3 credits
The course is an examination of the birth and evolution of rock music from its roots in blues, country, and gospel to grunge, techno, and other current “alternative” styles. (FAL)

MUS 254 The History of the Beatles 3 credits
This course surveys the history, music, and development of The Beatles. From 1957 until 1970, the Four Lads from Liverpool used backward recording techniques, sold millions of their recordings without touring, made a concept album, and used orchestral instruments in their compositions. These are only a few of their innovations that set the stage for what rock music would become. (SPR)

MUS 256 The History of Jazz 3 credits
This course explores the history, artists, composers, and music of this great American art form. We begin in New Orleans at the turn of the century and continue through its golden age in Chicago, to the New York City dance halls of the 1930s and 1940s. The evolution advances through the bebop sound of the 1940s, the cool jazz of the 1950s, and modern jazz of the 1960s. (2FO)

MUS 257 Music in Catholic Worship 3 credits
Examines the theory, history, and present practice of music as an integral part of Catholic worship. Musical examples will illustrate the variety of texts, musical forms, and musical roles that serve the liturgy with emphasis on the full, conscious, and active participation of the worshiping assembly. (2SO)

MUS 268 History of Musical Theatre **3 credits**
A thorough survey of the history of Musical Theatre, beginning in the late eighteenth century and continuing through to Broadway and Off-Broadway today. Important trends, creators, shows, and stars will be studied, with special emphasis on the maturing of the American musical beginning with Jerome Kern. (2SO)

MUS 325 Theory III **3 credits**
Prerequisite: 126. A continuation of the integrated theory courses on an advanced level. (SPR)

MUS 326 Theory IV **3 credits**
Prerequisite: 325 or permission. A continuation of MUS 325. (ADD)

MUS 328 Instrumental/Choral Arranging **2 credits**
Prerequisite: Music major or minor or by permission. A study of scoring techniques for instrumental and vocal ensembles. (FAL)

MUS 330 Conducting **2 credits**
Prerequisite: MUS 125. Introduction to acquiring skills for vocal and instrumental direction. Basic conducting is explored along with techniques of score reading and rehearsal preparation. (FAL)

MUS 331 Percussion Teaching Methods **2 credits**
Prerequisite: Music education major or permission. Study and pedagogy of the basic techniques of various percussion instruments K-12. (FAL)

MUS 340 Music of World Cultures **3 credits**
A survey of music beyond traditional Western disciplines. (2SO)

MUS 342 String Teaching Methods **2 credits**
Prerequisite: Music education major or permission. This course is designed to teach the understanding of stringed instruments (violin, viola, cello, and bass) and general principles of string playing, as well as teaching methods for use in the beginning and intermediate instructions in the schools. (SPR)

MUS 344 Woodwind Teaching Methods **2 credits**
Prerequisite: Music education major or permission. This course is designed for music majors preparing to teach instrumental music. Students will study the basic techniques for playing and teaching the woodwind instruments. (SPR)

MUS 346 Brass Teaching Methods **2 credits**
Prerequisite: Music education major or permission. This course is designed to prepare music majors to teach fundamental brass skills in a classroom or private situation. Students will learn assembly and care techniques, develop fundamental technical skills on the instruments, and have a basic knowledge of literature for the instruments. (FAL)

MUS 348 Music History I **3 credits**
Prerequisite: MUS 125. This course is a survey of the history and literature of Western art music from the Age of Antiquity through early Classical Period opera (FAL)

MUS 349 Music History II **3 credits**
Prerequisite: MUS 125. This course is a survey of the history and literature of Western art music from early Classical Instrumental Music through the Early 21st Century. This course satisfies the writing intensive requirement in the student's major. (SPR)

MUS 355 Developing the School Marching Band 2 credits
Prerequisite: 126 or permission. This course will present the basics of current and emerging instructional methods and creative techniques related to school marching bands, with an emphasis on building and developing a sustainable instrumental music program of which the marking band is a significant part. (ADD)

MUS 357 Liturgical Music Preparation and Repertoire 3 credits
Prerequisite: MUS 257. This course provides an overview of many different styles and types of liturgical music used in parishes today. Students will receive practical experience in the preparation of music for the mass and other liturgical events. (2SE)

MUS 380 Special Topics in Music Literature/ Performance Skills 2-3 credits
A study in a concentrated area of music literature such as jazz, composition, or a topic related to performance skills. The topic is selected by the music faculty according to the needs and interests of the students. (ADD)

MUS 430 Advanced Conducting 2 credits
Prerequisite: 330. A practical application of basic conducting techniques along with the study and implementation of advanced techniques. (FAL)

MUS 490 Music Seminar 3 credits
In this capstone course, students pursue advanced studies which utilize and reinforce knowledge and abilities gained. The topics vary according to the course of study of the student (vocal or instrumental music performance, vocal or instrumental music education). As a final integration of general education goals with the major, a common college theme is incorporated into the seminar. Attendance at convocations required. (FAL)

MUS 499 Independent Study 2-3 credits
Prerequisites: Junior or senior music major and permission. Guided readings and research. (ADD)

NSG 129 Nursing Concepts and Connections 1 credits
This course introduces concepts of nursing and their relationship to professional nursing practice. (SEM)

NSG 201 Health Assessment and Communication 4 credits
Prerequisite: Admission to the BSN Program. This course introduces students to the knowledge, skills and attitudes needed to care for individuals across the lifespan. Students will demonstrate holistic nursing assessment, therapeutic communication skills and interprofessional collaboration in patient-centered care. (SEM)

NSG 211 Pathophysiology 3 credits
Prerequisite: Admission to the BSN Program or approval by faculty for accelerated students only. This course systematically focuses on etiologic factors and their impact on the structure, function and adaptive capabilities of cells, tissues and organs in the human body. A variety of disease processes and their unique clinical manifestations including laboratory diagnostics are studied in detail. This course prepares the student with the pathophysiological foundation required to provide nursing care. (SEM)

NSG 221 Community Health Concepts 2 credits
Prerequisite: Admission to the BSN Program. This course focuses on the core knowledge, skills and attitudes of community health nursing as applied to individuals, families, communities and populations. This course prepares the student with the theoretical foundation required to provide community-based and community-oriented nursing care. (SEM)

NSG 233 Nutrition 1 credit
Prerequisite: Admission to the BSN Program. This course focuses on major nutritional concepts and prepares the student with the knowledge, skills and attitudes to promote health and reduce chronic disease risk through education on healthful diets for individuals, families and communities. (SEM)

NSG 241 Fundamentals 4 credits
Prerequisites: NSG 201, 211, 221 & 233. Corequisite: NSG 251. This course prepares the student with the knowledge, skills, attitudes and foundational nursing concepts needed to provide evidence-based, patient-centered care in a variety of healthcare settings. Students will provide nursing care in a clinical setting. (SEM)

NSG 251 Pharmacology and Dosage with Lab I 4 credits
Prerequisites: NSG 201, 211, 221 & 233. Corequisite: NSG 241. This course provides the student with the knowledge of pharmacology, dosage calculation and nursing knowledge, skills and attitudes required to safely administer selected medications. Simulation and laboratory experience will be incorporated into the course. (SEM)

NSG 307 Care of the Childbearing Client in Community/Acute Care Setting 3 credits
Prerequisites: NSG 241, 251 & PSY 220. This course uses the nursing process as a framework and prepares students with the knowledge, skills and attitudes to provide evidence-based, family-centered nursing care for childbearing women. (SEM)

NSG 317 Care of the Pediatric Client in Community/Acute Care Settings 3 credits
Prerequisites: NSG 241, 251 & PSY 220. This course uses the nursing process as a framework and prepares students with the knowledge, skills and attitudes to provide evidence-based, family-centered nursing care for children. (SEM)

NSG 331 Care of the Adult in Community/Acute Care Settings I 5 credits
Prerequisites: NSG 373, 335. This course provides the knowledge, skills and attitudes to provide health promotion and nursing management of select disease processes for individuals through evidence-based, patient-centered care. Students utilize the nursing process to manage acute and chronic physical and psychosocial conditions in adults across a variety of healthcare settings. (SEM)

NSG 335 Mental Health Nursing 3 credits
Prerequisites: NSG 241, 251 & PSY 230. This course uses the nursing process as a framework and prepares students with the knowledge, skills and attitudes to provide evidence-based nursing care of the patient with mental health illness and comorbid conditions to support optimal wellness. Students will utilize therapeutic communication skills in the delivery of care for patients within the clinical milieu. (SEM)

NSG 343 Research and Informatics 3 credits
Prerequisite: PSY 205 or BUS 205. This course provides an introduction to nursing research, clinical informatics and new technologies. Students will develop the knowledge, skills and attitudes needed to investigate, interpret and translate nursing and biomedical research, as well as other sources of biomedical information. (SEM)

NSG 418 Service in Global/Local Communities 3 credits
Prerequisite: Permission. Junior and senior status only. Open to all majors. This course focuses on cross-cultural healthcare missions/service. A local or overseas field experience is required. The course partially satisfies the general education requirement in the cultural awareness general education requirement. This course partially satisfies the San Damiano requirements. (SPR)

NSG 421 Integrative Health Care 2 credits
Prerequisite: Approval by faculty. This course examines holistic nursing and integrative health care practices. Topics may include acupuncture, homeopathics, therapeutic touch, music therapy, meditation, aromatherapy, and current trends. (ADD)

NSG 425 Self-Care for the Nursing Professional 2 credits
Open to majors in all fields. The purpose of the course is to recognize the relationship between personal health, self-renewal, and the ability to deliver sustained quality care. A holistic approach emphasizing nutrition, exercise, spiritual, and emotional health which empowers and inspires one to make a difference in one's own life in order to effectively care for others. (SPR)

NSG 427 Bereavement and End of Life Care 2 credits
Prerequisite: Junior standing in the LSON. This course provides the student with knowledge to assist the patient, family, and other healthcare professionals addressing issues related to bereavement and end of life care. (ADD)

NSG 429 Care of the Critically Ill 3 credits
Prerequisites: NSG 331 and Approval of Faculty. This course focuses on the acute care of the critically ill patient. Emphasis is placed on the nursing process in the critical care environment. Clinical opportunities are available in selected critical care settings. (ADD)

NSG 430 Caring and Healing Through the Arts in Nursing 2-3 credits
Prerequisite: NSG 241. This course provides an opportunity for students to study the concepts and principles of art and science essential for caring, healing and self-discovery. Students will explore works of art, storytelling, art in the health care setting, healing gardens and sacred spaces through the dual lens of the nurse and the patient. Students will participate in field trips, self-guided tours, reflective journaling and creative expression. (SUM)

NSG 431 Care of the Adult in Community/Acute Care Settings II 5 credits
Prerequisite: NSG 331, 335, 373. This course builds upon NSG 373 and provides the knowledge, skills and attitudes to provide health promotion and nursing management of increasingly complex disease processes for individuals through evidence-based, patient-centered care. Students utilize the nursing process to manage acute and chronic physical and psychosocial conditions in adults across a variety of healthcare settings. (SEM)

NSG 435 Spirituality in Healthcare 2 credits
Open to majors in all fields. This course focuses on the spiritual aspects related to healthcare across the lifespan. Professional, ethical, and legal aspects are explored. The stages of spiritual development and implication of appropriate spiritual care provide a basis for understanding the spiritual dimension of healthcare. This course partially satisfies the San Damiano requirements. (FAL)

NSG 441 Leadership/Community in the Nursing Profession 4 credits
Prerequisite: NSG 431. This course addresses leadership and management concepts in professional nursing. Students will apply nursing knowledge, skills and attitudes necessary to deliver care in a variety of health care settings. (SEM)

NSG 445 Global Women's Health Issues 2 credits
Open to all majors. This course examines the health issues of women in the twenty-first century. Physical, emotional, and social influences are identified. Major health issues of women such as heart disease, HIV/AIDS, depression, abuse, midlife changes, and aging are included. International Health Policies (IHP) as they relate to women's health will be scrutinized. This course partially satisfies the cultural awareness general education requirement. (FAL)

NSG 451 Clinical Immersion Experience 5 credits
Prerequisite: Final Semester Standing. This course provides an opportunity to apply nursing knowledge, skills and attitudes in a clinical immersion experience. Additional knowledge acquisition will be complemented by simulation and seminar activities. (SEM)

NSG 478 Foundations of Faith Community 3 credits
Open to second semester senior Nursing majors only. This course provides the foundations of faith community nursing (FCN). FCN is a specialty nursing practice combining professional nursing and health ministry. The emphasis is on health and healing within the faith community and community at large. The four major concepts will be covered including; spiritual dimension, professionalism, holistic health and community. This course meets the requirements of the core curriculum established by the Westberg Institute. This course partially satisfies the San Damiano requirements. (SPR)

NSG 480 Special Topics in Nursing 1-3 credits
Prerequisite: Permission. A special study which focuses on a topic or selected problem in nursing, subject to the approval and supervision of an assigned nursing instructor. These topics may address any of the following: nursing needs of a contemporary society, advanced nursing care, advanced nursing professional issues or healthcare in the future. The course is recommended for nursing majors. (ADD)

NSG 490 Senior Seminar 2 credits
Prerequisite: Senior standing. This course is the departmental seminar for majors in nursing and incorporates the general education senior topic and text. (FAL)

NSG 493 Transition to Practice 2 credits
Prerequisite: Final Semester Standing. This course guides student preparation for professional practice and the national licensure exam through the use of classroom activities and electronic resources. (SEM)

NSG 498 Directed Research 1 credit
Prerequisites: NUB 400, BUS 205 or PSY 205, senior nursing major and instructor permission. This course provides an opportunity for senior nursing students with special interest in research to be under the guidance of faculty while conducting nursing research. The students will apply research methodology, gather and analyze data, and report their findings with an APA-style manuscript. (ADD)

NUB 210 Fundamentals of Nursing 4 credits
Prerequisite: Admission to the BSN program. Corequisites: NUR 104 and 231. This course focuses on the fundamental concepts of nursing as related to the adult with emphasis on the aging adult population. The nursing process is utilized for health promotion and risk reduction with an emphasis on the assessment phase. Clients' responses to stressors in the physiological, psychological, sociocultural, developmental, and spiritual dimensions are utilized as the basis for nursing care. Role socialization is embraced with concepts such as the Franciscan values, responsibility, accountability, team concepts, and the evolving role of provider of care, manager of care, and a member of the healthcare profession. Two lecture hours per week and 90 clinical hours per semester. (SEM)

NUB 220 Nursing Care of the Adult Client I 4 credits
Prerequisite: 210. This course focuses on concepts of care basic to the adult with emphasis on the surgical experience. The nursing process is utilized to identify and respond to client stressors and in prioritization and delivery of care. Adults are assisted in promoting healthy behaviors through health promotion, risk reduction, and disease prevention. Legal and ethical concepts along with the roles of provider of care, manager of care, and member of a healthcare profession are explored as they relate to the assumption of the role of the professional nurse. Two lecture hours per week and 90 clinical hours per semester. (SEM)

NUB 256 Professional Nursing Concepts 2 credits
Prerequisite: Admission to the accelerated nursing program. This course introduces the complex issues affecting professional nursing and health care. Students will examine the evolution of professional nursing and the contemporary nursing image, trends and issues in nursing education, evidence-based practice, theories of nursing, quality improvement and patient safety. Students will also address cultural competence, complementary and alternative modalities, communication and information management, and ethical, moral, and legal issues in nursing and health care. (SEM)

NUB 328 Nursing Seminar 2 credits
Prerequisite: Admission to the RN-BSN program. This course focuses on the transition of the associate and diploma nurse to bachelor nursing practice. Nursing theories provide the framework for discussion of professional practice. Topics for discussion include advanced practice roles, graduate education, selected ethical/legal issues, healthcare economics, and the role of nursing in the legislative/political process. Current trends and issues in nursing are explored. (ADD)

NUB 330 Maternity Nursing 5 credits
Prerequisites: 220, 255 or 256, NUR 104, 200, 231, 238. This course provides the student an opportunity to apply concepts of nursing to the care of the maternity client and the childbearing family. The nursing process is utilized to evaluate the childbearing family's response to stressors within a holistic, multi-dimensional framework including physiological, psychological, sociocultural, developmental, and spiritual. Childbearing families are assisted in promoting healthy behaviors in order to move toward optimal wellness. (SEM)

NUB 335 Health Assessment 2 credits
RN-BSN Completion Track corequisite: NUB 328. Health Assessment provides a foundation for the practice of professional nursing. The nursing process is an integral part of the course and serves as a working guide to prepare students to collect data for a complete health assessment. Health history data is collected and a review of systems is performed to determine the health status of the client. Emphasis is placed on the assessment skills of inspection, palpation, percussion, and auscultation. Two discussion hours and two lab hours per week. Course meets for eight weeks per semester. Competency testing is available. (ADD)

NUB 340 Pediatric Nursing 5 credits
Prerequisites: 220, 255 or 256; NUR 104, 200, 231, 238; PSY 220. This course provides the student an opportunity to incorporate concepts of nursing unique to the care of children from infancy through adolescence. The nursing process is utilized to evaluate the child and family's response to alterations in their health care state. The needs of the child and family are analyzed in all dimensions. Dimensions include physiological, psychological, sociocultural, developmental, and spiritual aspects of nursing care. The child's family is assisted in developing behaviors that promote, maintain and restore health. 45 lecture hours and 90 clinical hours per semester. (SEM)

NUB 350 Nursing Care of Adult Client II 5 credits
Prerequisites: 220, 255 or 256; NUR 104, 200, 231, 238. Corequisite: NUB 430 AOBSN only. This course provides the student with an opportunity to integrate knowledge of health promotion, risk reduction, disease prevention, and illness and disease management for selected disease processes affecting adult clients and families. The student utilizes the nursing process within a caring environment in collaboration with other healthcare professionals to implement and evaluate plans of care that prevent or reduce stressors, strengthen defense strategies, and meet identified needs of the adult client and family. Three lecture hours per week, 90 clinical hours per semester. (SEM)

NUB 400 Research in Health Care 2 credits
Prerequisites: PSY 205 or BUS 205. This course is an introduction to the research and evidence based practice process, and develops beginning strategies for critiquing healthcare research for use in practice. Issues surrounding ethical and legal considerations are discussed with emphasis on the human rights of human subjects. Approaches to healthcare research, research questions, methodology, analysis of data, and description of results are integrated within the course. (SEM)

NUB 401 Leadership and Management 4 credits
Prerequisites: 430. The history and theories of leadership and management and current evolution of healthcare systems provide the framework for this course. Selected concepts include leadership style, decision-making, motivation, change, healthcare delivery systems, human and material resource management, budget development, communication, and ethical and moral principles. Analyses of personal leadership styles, research projects, and collaborative work with clinical preceptors foster critical thinking in the integration of theory to the clinical leadership role. Two lecture hours per week and 90 clinical hours per semester. (SEM)

NUB 416 Professional Role Development III 1 credit
Prerequisites: 255 or 256, 350. The focus of this course is the transition from student to the roles of the professional nurse in the healthcare setting and community. Selected topics include resume development, interview skills, networking, career goals, graduate education, accountability, and responsibility to the profession and to society, political activism, and life-long learning. (SEM)

NUB 421 Individual Plan of Study (IPOS) 1 credit
Designed for RN-BSN completion students with one year of clinical experience. The course combines group seminar discussion and individual faculty consultations to explore professional experiences and identify learning needs/goals. A specific IPOS for the senior clinical nursing course(s) NUB 401 and/or 450 is developed. The IPOS serves as a contract for completion of clinical hours for NUB 401 and/or 450 course requirements for spring semester. (ADD)

NUB 430 Mental Health Nursing 3 credits
Prerequisites: PSY 230. Corequisite: NUB 350 AOBSN only. This course focuses on addressing the patient's psychiatric mental health needs using the nursing process as a framework. Focus is placed on neurobiology, stressors, coping strategies, clinical reasoning, communication and therapeutic interventions designed to support optimal wellness. Two lecture hours per week and 45 clinical hours per semester. (SEM)

NUB 440 Nursing Care of the Adult Client III – Complex 5 credits
Prerequisite: 330, 340, 350. The focus of this course is to synthesize knowledge of nursing science, liberal arts, and natural and behavioral sciences as applied to complex clients. Coordination of direct and indirect care of complex clients and collaboration with other members of the interdisciplinary healthcare team are emphasized. Two lecture hours per week and 90 clinical hours per semester. (SEM)

NUB 450 Community Health Nursing 4 credits
Prerequisites: NUB 430 AOBSN only. The focus of the course is to synthesize knowledge of nursing concepts as applied to individuals, family, and community. The nursing process is used to promote, maintain, and restore health in the community across environments, as well as provide healthcare that is sensitive to the needs of vulnerable populations across the lifespan. Management of direct and indirect care of socio-culturally diverse clients and aggregates is emphasized as well as application of research findings in the practice of community health nursing. Two lecture hours per week and 90 clinical hours per semester. (SEM)

NUB 470 Interprofessional Communications 3 credits
Pre-requisite: NUB 328. All health professionals are challenged to educate future clinicians to deliver patient-centered care as members of an inter-professional team, emphasizing communication, evidence based practice, quality improvement approaches and informatics. This course is designed to introduce the student to unique approaches for interactions with patients ("Clients") and colleagues. Students will learn that the art of communication only increases the value of the gift of nursing. This course will show that moments of connection impact quality of care. (SPR)

NUR 104 Dosage Calculations 1 credit
Prerequisite: Admission to the School of Nursing. This course provides a review of basic mathematics skills necessary to calculate drug dosage for medication administration. It includes working with decimals and fractions, converting among the metric, apothecary, and household systems of measurement, and solving problems to determine accurate dosages. This course promotes a competent knowledge base in the area of drug calculation and administration. (SEM)

NUR 200 Pharmacology 2 credits
Prerequisites: BIO 225, 226, and admission to nursing major or faculty permission. This course provides the student with knowledge of the physiological actions, therapeutic uses, and safe administration of selected drugs. The nursing process is used as a framework to explore specific nursing actions with rationales on administration, therapeutic effects, adverse effects, drug interactions, and patient/client education. (SEM)

NUR 231 Pathophysiology 3 credits
Prerequisites: BIO 225, 226, and admission to nursing major or faculty permission. This course systematically focuses on the physiologic and structural changes that occur during a pathologic process. The impact of disease is then studied through its alteration of normal body processes. The body's ability to adjust to the stress of disease is addressed. Current diagnostics and treatments are also addressed. Competency testing available. (SEM)

NUR 238 Human Nutrition 2 credits
Prerequisite: BIO 225, 226, and admission to the School of Nursing or faculty permission. Study of normal nutrition as a science including: components and impact of various eating patterns; functions and sources of nutrients and other food constituents; use of food by the body; effects of socio-psychological, physical, and environmental factors throughout the life cycle, but with primary emphasis on the adult. In addition, a foundation for implementing nutrition care in acute and community settings is provided. Two lecture hours per week. (SEM)

NUR 310 Legal/Ethical Aspects of Health Care 1 credit
Open to majors in all fields. This course focuses on the legal and ethical aspects affecting health care. Topics include legal/ethical rights and responsibilities, court decisions, theories and principles of bioethics, various dilemmas with ethical and legal ramifications, and current trends. (ADD)

NUR 350 Nursing Informatics 2 credits
This course provides an introduction to the field of nursing informatics, the current state of the science and major issues for research, development, and practice. Students are introduced to computer hardware, software, databases, and communication applications. The focus of the course emphasizes human information management processes (locating, analyzing, evaluating, and utilizing) required for nursing practice. Students learn how nurses can use nursing information systems to work more efficiently, allocate resources more effectively, and improve client care. (ADD)

NUR 400 Nursing Economics 2 credits
Prerequisites: ECN 200, 201, or 202; and NUB 210; or admission to the RN-BSN Completion Track. This course explores current healthcare economics as it impacts the nursing profession. Healthcare delivery models are analyzed as to their economic influences both in the United States and throughout the world. (ADD)

NUR 410 Gerontological Issues in Healthcare 2 credits
Prerequisites: Admission to BSN program or permission, NUB 350. This course focuses on the physical, psychological, and social challenges faced by older adults. Topics include demographic shifts, the normal aspects of aging, functional assessment of activities of daily living and cognition, safety issues, polypharmacy, loss, elder abuse, and community resources. (ADD)

PBH 100 Introduction to Human Services & Social Problems 3 credits
This course will cover fundamental concepts and strategies in the health and human services industry. Students will examine their local communities as well as themselves and learn how self-awareness aids in the development of relationships with individuals, community and society. Students will learn and demonstrate the importance of observation, listening skills, reading and analysis, problem solving, note taking and interviewing skills. Ethical situations and awareness will also be a focus of the course, as well as a historical overview of the career field and an exposure to job opportunities in various environments and specializations. There will be several topics of focus that students will be examining throughout the course. These include but are not limited to; homelessness, poverty, malnutrition, child care, child development, foster care, vaccinations, health screenings, mental health, AIDS/HIV. This course is only offered in the MAP program.

PBH 201 Public Health and Society 3 credits
Prerequisite: SOC 101 or permission. This course examines the social context of health, illness, and healthcare with particular attention to understanding health and illness of populations. This course introduces both sociological and public health approaches to population health, disease causation and prevention—emphasizing health issues that affect society as a whole as well as vulnerable populations. (2SO).

PBH 301 Introduction to Epidemiology 3 credits
This course introduces the basic concepts and methods of epidemiology with a focus on application to multiple domains of public health. The course enables students to understand the distribution of health events in human populations and the methods of assessment by the use of morbidity and mortality data. Cross-listed as BIO 301. (SPR)

PBH 490 Senior Seminar in Public Health 3 credits
Seminar students engage in intensive reading and discussion of capstone issues in the field of Public Health linked to the college-wide general education theme of the year. A research paper, class presentations, and discussion and attendance at college-wide events in support of the general education theme are required. Students also begin preparation for graduate school or careers. (FALL 2018)

PBH 495 Health and Human Services Capstone 3 credits
This capstone course will combine classroom experience and a supervised field experience with a local non-profit or health and human services partner subject to the instructor's approval. Completing this field experience will allow students to utilize the skills and techniques that have been taught throughout the degree program. The capstone project will allow students to share their knowledge of agencies, assigned communities and the culturally diverse client populations that have been examined during their field experience and throughout the degree program. This course is only offered in the MAP program.

PHL 115 Ethical Analysis in Practice 2 credits fall/1 credit spring
Prerequisite: 130 or permission of instructor. This enhancement course offers students the opportunity to apply ethical theories and principles to case studies from business, law, medicine, and politics. The course focuses on building a coherent ethical argument and articulating and defending a position in a friendly, competitive, and dialogic setting. Students who wish to represent the Philosophy Department in the annual Central States Regional Ethics Bowl are required to take this course, although participation in the course does not automatically qualify a student to be a member of the team. Students are encouraged to enroll in the course more than once and may repeat the course for credit for as many as six credit hours. (SEM)

PHL 130 Human Nature and Person 3 credits
This course addresses what it is to be human and what it means to be a human person. Particular emphasis is given to exploring these themes within the Western and specifically Catholic philosophical tradition in dialogue with other, and sometimes competing, positions. This course partially satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (SEM)

PHL H30 Honors Human Nature and Person 3 credits
Prerequisite: Student must meet Honors Program criteria. Content of PHL 130 is enriched with more reading and writing. Limited enrollment. This course partially satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (FAL)

PHL 150 Logic 3 credits
This reasoning skills-development course examines basic logical concepts and shows their applicability to all areas of reasoning. Required of philosophy majors, but strongly recommended to everyone, especially those contemplating law school or graduate school. (SPR)

PHL 203 Plato and Aristotle 3 credits
This course investigates philosophical works of the two acknowledged giants of Greek thought, Plato (*ca* 428-348 B.C.) and Aristotle (384-322 B.C.), in historical context and especially for subsequent impact on Western thought. In-class reading and discussion. (FAL)

PHL 205 Augustine and Aquinas 3 credits
This course investigates the philosophical works of two acknowledged giants of Christian thought, Augustine of Hippo (A.D. 354-430) and Thomas Aquinas (1225-1274), in historical context and for subsequent impact. In-class reading and discussion. (SPR)

PHL 215 Personal and Professional Ethics 3 credits
This course introduces the student to ethics through philosophical reflection on the development of the student's moral judgment with particular attention to ethical issues related to being a professional in contemporary society. Topics include personal development in making moral judgments, critical assessment of different ethical theories, the meaning of being a professional, the social obligations of professionals, and the relationship between personal and professional morality. This course satisfies the writing intensive requirement in the student's major. (SPR)

PHL 230 Philosophy of Beauty and Art 3 credits
An examination of the beautiful as such and the beautiful in art, from the stance of classical philosophy. Although this is fundamentally a philosophy course, just as important are field trips to experience the various forms of the beautiful. (ADD)

PHL 240 Social and Political Philosophy 3 credits
Prerequisite: 130 or permission. A search for the principles of the just state, including various notions of human nature, common good, the nature of institution and law, justice and right, sovereignty, force, and various social units such as family and labor unions. (2SO)

PHL 260 Asian Philosophies 3 credits
Prerequisite: 130. This course is a very broad survey of major philosophical themes in five Asian traditions: Hinduism, Buddhism, Confucianism, Taoism, and Islam. The format is in class reading and discussion of classical texts. (SEM)

PHL 310 Kafka, Kierkegaard, Dostoyevsky, and Camus 3 credits
Readings and discussion of Kafka's *Metamorphosis*, Kierkegaard's *The Sickness Unto Death* and *Fear and Trembling*, Dostoyevsky's *The Grand Inquisitor*, and Camus' *Myth of Sisyphus*. An introduction to the notions of self, freedom, despair, and authenticity in the view of both atheistic and Christian existentialism. (2FE)

PHL 315 Ethical Conduct in Research 3 credits
Prerequisite: 215 or permission of instructor. This course is designed to provide an overview of ethical issues related to research and the best practices associated with the ethical conduct of research - whether scientific, behavioral, or sociological. Areas of ethical concern to be addressed include the social responsibility of researchers and scientists; doing research with integrity; and appropriate research relationships. Topics include the use of human and non-human animals as research subjects; the definition of research misconduct; conflicts of interest in research; publication practices; intellectual property and plagiarism; and acquisition, management, sharing, and ownership of research data. Case study will be used to illustrate ethical topics. (ADD)

PHL 320 Philosophy of Knowledge 3 credits
A critical study of various positions on the nature and limits of human knowledge, including their metaphysical and anthropological implications. Readings are drawn from classical and contemporary sources, with special emphasis being placed on the critical realism of Bernard Lonergan. (FAL)

PHL 325 Philosophical Bioethics 3 credits
This course will introduce students to philosophical discussion regarding particular debates and positions in bioethics. Subjects to be discussed include abortion, genetic testing and treatment, cloning and stem cell research, euthanasia and end-of-life care, biomedical research with human subjects, and various issues in practice of medicine and the healthcare provider-patient relationship. (2FO)

PHL 330 Philosophy of Being (Metaphysics) 3 credits
Prerequisite: 130. Inquiry into the ultimate explanations and structure of real things; an account of our search for such knowledge and the solutions of thinkers characteristic of the ancient, medieval, and modern periods. (SPR)

PHL 349 Modern and Contemporary Philosophy 3 credits
Prerequisite: 130 or permission. The major defining philosophical positions in the period from Descartes to the present. Includes a special emphasis on political thinkers such as Hobbes, Rousseau, Marx, and Mill. Course projects specifically designed for philosophy or political science students. (SPR)

PHL 350 God and Philosophy 3 credits
Prerequisite: 130. Course introduces a philosophical discussion of God, God language, philosophy of religion, philosophical theology, and major philosophical influences on classical and contemporary theology. (FAL)

PHL 380, 480 Special Topics in Philosophy 3 credits
Announced special topics on individual philosophical themes determined by the faculty members, students, and department. The course is recommended for majors, minors, and non-majors (with staff approval) who have fulfilled at least the distribution requirement of three credits of philosophy. (ADD)

PHL 381 Selected Topics in Catholic Studies 3 credits
Readings, discussion, and writing on selected philosophical topics in Catholic studies. May be repeated for credit since subject matter varies. (ADD)

PHL 490 Senior Philosophy Seminar 3 credits
Prerequisite: Senior philosophy major. A capstone experience with a threefold purpose: (1) to encourage the student to review and integrate materials from earlier coursework; (2) to provide the student with some experience of study at the graduate level; and (3) to encourage the student to integrate one's experience in the discipline with one's overall undergraduate education. The course is intended to be a seminar involving close reading and research. It requires the completion of a substantial research project as well as a pair of comprehensive exams on systematic topics and historical figures. (FAL)

PHL 498 Guided Research in Ethics 2-3 credits
Prerequisites: 130, 215, and permission. This course is designed to provide the opportunity to juniors and seniors pursuing the concentration in ethics to engage in an independent research project in ethics. Students will identify a research topic related to ethics, develop a proposal, including a list of initial readings, present the proposal in the seminar, research the topic thoroughly, and write and present their research paper to the class. An important part of the seminar will be peer review and editing of proposals and final drafts of the research papers. (SEM)

PHL 499 Independent Study 3 credits
Prerequisites: Junior or senior philosophy major and permission. Guided readings and research. (ADD)

PHY 110 General Physics I 4 credits
Prerequisites: High school pre-calculus with a grade of "C" or better, MAT 145, or placement into a higher math course. Fundamental principles of mechanics, waves, thermodynamics, electricity, magnetism, optics, and modern physics. This course is not calculus-based but does require students to use algebra and trigonometry. Three lecture hours and three lab hours per week. (FAL)

PHY 111 General Physics II 4 credits
Prerequisite: 110. A continuation of PHY 110. Principles of electricity, magnetism, optics, and modern physics. Three lecture hours and two lab hours per week. (SPR)

PHY 201 Mechanics **4 credits**
Prerequisites: Grade of "C" or better in MAT 230 or equivalent; or instructor permission. Fundamental principles and applications of mechanics and waves, including uniform and non-uniform motion, energy, work, elasticity, and fluids. This course is calculus-based. Three lecture hours and three lab hours per week. This course satisfies general education curriculum standards for the development of scientific knowledge. (SPR)

PHY 202 Heat, Electricity, and Optics **4 credits**
Prerequisites: Grade of "C-"or better in PHY 201; MAT 231. A continuation of PHY 201. Fundamental principles and applications of thermodynamics, electricity, magnetism, and optics. Three lecture hours and three lab hours per week. (FAL)

PHY 212 Modern Physics **4 credits**
Prerequisite: 202. Introduction to relativity, quantum mechanics, nuclear structure, particle interactions, and fields. Three lecture hours and three lab hours per week. (SPR)

PHY 220 Astrophysics and Cosmology **2 credits**
Prerequisites: 202. Stellar atmospheres, stellar interiors, galaxy formation, and the large-scale structure of the universe. Two lecture hours per week. (ADD)

PHY 230 Electronics **4 credits**
Prerequisite: PHY 202. Students will learn basics of electrical and electronic circuits including introduction to analog and digital electronic circuits. Measurement of electrical signals using meters, probes, and oscilloscopes are covered in the laboratory component of the course. Circuits are designed for minimum hardware with emphasis on understanding analog and digital electronics with practical use of digital and analog microchips. (SPR)

PHY 240 Materials **2 credits**
Prerequisite: 202. Structure and properties of metals, polymers, ceramics, semiconductors, photonic materials, and superconductors. Properties of nanostructured materials. One lecture hour and three lab hours per week. (ADD)

PHY 250 Biophysics **2 credits**
Prerequisite: 111 and MAT 231, or 202. Introduction to the physical principles of biological systems. Molecular structures in biological contexts, bioenergetics, environmental interactions, thermodynamic and kinetic regulation of biological systems. Two lecture hours per week. (ADD)

PHY 310 Thermal Physics **3 credits**
Prerequisite: 212 and MAT 315. Classical thermodynamics, equations of state, theories of heat, kinetic theory of gases, Bose and Fermi statics, and irreversibility. Three lecture hours per week. (ADD)

PHY 330 Electricity and Magnetism **3 credits**
Prerequisite: 212 and MAT 315 or instructor permission. A more rigorous approach to the foundations of electromagnetic theory. Classical electrodynamics and the theory of radiation, Maxwell's equations, magnetism, theory of synchrotrons and cyclotrons. Three lecture hours per week. (ADD)

PHY 370 Analytical Mechanics **3 credits**
Prerequisite: 212 and MAT 315 or instructor permission. Foundations of classical mechanics: the Lagrangian formalism, Hamilton-Jacobi theory, canonical transformations, and variational methods. Three lecture hours per week. (ADD)

PHY 380 Special Topics **1-3 credits**
Prerequisite: 111 or 202. Special courses in physics in response to student needs. (ADD)

PHY 410 Current Topics in Physics **3 credits**
Prerequisite: 212 and MAT 310. Current developments in physics including nuclear theory, elementary particle theory, supersymmentry, and string theory. Three lecture hours per week. (ADD)

PHY 498 Directed Research **2-4 credits**
Prerequisites: 111 or 202 and instructor permission. This course is designed for junior or senior students to design and implement research projects or to investigate topical issues in the field of physics. (SEM)

PHY 499 Independent Study **3 credits**
Prerequisites: 111 or 202 and instructor permission. Guided readings and research. (ADD)

POL 102 Introduction to American Politics **3 credits**
Introduction to the basic features and processes of American government and politics. Examines the underlying assumptions of American democratic theory and political thought, the constitutional framework, and its political institutions (the Congress, the presidency, and the courts). Political parties and interest groups, voting behavior, public policy formation, and foreign policy are also discussed. This course partially satisfies general education curriculum standards for the development of behavioral and social knowledge. (SPR)

POL 155 Introduction to Peace Studies **3 credits**
An introduction to the study of peace and non-violence, with a special emphasis on the perspective of political science. The course is divided into two parts: the first will focus on important classical texts and historical cases that address issues of peace and non-violence; the second part will focus on current controversies in these areas. (2SO)

POL 205 Social Science Statistics **3 credits**
See SOC 205. (FAL)

POL 210 Introduction to Comparative Politics **3 credits**
Comparative examination of political institutions and behavior across countries in Europe, Asia, Latin America, and Africa. Surveys the different types of political systems found in the contemporary world, including various forms of democracy and dictatorship. Students learn how power is legitimized through the organization of politics and how political life varies from country to country. (2FO)

POL 220 Introduction to International Relations **3 credits**
Examines the international system of sovereign states, including conflictive and cooperative relations between states and the relationship between states and international organizations such as the United Nations. International law and human rights, the role of non-governmental actors, and international economic relationships are also introduced. (2SE)

POL 230 Introduction to Political Theory **3 credits**
Examines thinkers and themes central to the study of political theory. Addresses topics such as the emergence and growth of modern ideologies (liberalism, socialism, communism, fascism); war and peace; political loyalty and obedience; justice, freedom, and power. (2FE)

POL 301 Social Science Research **3 credits**
Prerequisite: POL 205, or permission. An introduction to the basic tools and methods of social research. Both quantitative and qualitative procedures are considered. Students are required to design and carry out a complete research project as a part of this course. (SPR)

POL 324 Global Religion and American Politics 3 credits
Reflection on religion in the modern world has operated for the most part under the assumption of its decline. The late-20th century changed all that: political scientists of all different approaches and persuasions agree that a kind of religious resurgence has taken place. Some have gone so far as to call into question the very notion of secularization, and to replace it with the contrary conception, desecularization. There is no question that religion plays an important role in modern politics. With this in mind, our course will address the following questions: What is secularization? What role does secularization play in the emergence of the modern world? Has our world undergone "desecularization?" what do these processes mean for politics? What are the fundamental characteristics of "the religious?" What is "the political?" How do these two categorical concepts differ, or do they? What is the place of religion in international politics? What is the place of religion in American political life? (ADD)

POL 341 State and Urban Politics 3 credits
Introduction to the structures and processes of state and urban governments with particular reference to current problems. (2SO)

POL 342 The American Constitution 3 credits
Analysis of American constitutional development through study of important Supreme Court decisions affecting federal-state relations, powers of the national government, interstate relations, citizenship, and civil rights. (2FO)

POL 344 American Political Thought 3 credits
In-depth analysis of the ideas and concepts that are at the core of American political culture (democracy, equality, individual liberty) through a survey of selected writings, ranging from the founding era to our own times. The alternative understandings given to these ideas and how they have changed over time as America has evolved is examined. (2FE)

POL 345 Ancient and Medieval Political Theory 3 credits
Prerequisite or corequisites: HIS 207 and 209. Examines the political theory of antiquity and the medieval world. This course reflects on fundamental questions and concepts like happiness, justice, equality and democracy, obedience and dissent, citizenship, and the distinction/contention between religion and politics. This course addresses these questions and concepts by way of an examination of ancient and medieval texts in drama, philosophy, ethics, politics, and religion. (2SO)

POL 347 American Foreign Policy 3 credits
The ideas, actions, and events that affected American foreign relations from the American Revolution to the post-9/11 era. Theories of decision-making, the tension between national self-interest and American idealism, and the relationship between domestic political and economic interests and the formulation of foreign policy are addressed. (2FO)

POL 349 Modern and Contemporary Political Theory 3 credits
Examines modern political debates, from Nietzsche to Foucault and beyond. Topics include total war and the sovereign state; fascism and totalitarianism; the triumph of liberalism; security and political fear; religion and secularization; and terrorism. (2SE)

POL 350 Politics of Asia 3 credits
Comparative examination of selected political systems in the Asian region. Focus is on the unique and shared political features of each, and the impact of historical experience, social dynamics, and economics on their political development. (2FE)

POL 353 Politics of Development **3 credits**
An interdisciplinary examination of the politics of developing countries, analyzing the interrelationship of the international system, domestic politics and economics, and social forces in the development process. (2SE)

POL 355 Politics of the Middle East **3 credits**
Course begins with a brief introduction to Islamic civilization and the Ottoman Empire, and then focuses on the politics of the modern Middle East. The impact of interaction with the West on the region's political regimes and cultures, nationalism and state-formation, the tension between secularism and Islam, the Arab-Israeli conflict, and the United States' role in the Middle East are examined. (2SO)

POL 357 Civil Wars and Ethnic Conflicts **3 credits**
Examines the phenomena of civil wars from three analytical perspectives: theory, case studies, and policy implications. The causes of civil wars and how and why they end, possible solutions for ethnic conflicts, and the variety of policy options for outside actors such as international organizations, non-governmental organizations, and nation-states (including the United States) are explored. (2FO)

POL 359 Causes of War and Peace **3 credits**
Examines war and conflict between nation-states, and the quest for its opposite, peace. How and why wars begin, the processes through which they are fought, and how they have and have not been resolved are discussed. International conflict resolution and the causes of the long-standing peace that exists between many states are also examined. (2FE)

POL 361 Politics of the Global Economy **3 credits**
Prerequisite: GLS 101 or permission. This course examines the relationship between politics and economics in a global context. It begins with a survey of the major competing theories, perspectives and classic readings of international political economy (including liberal, mercantilist, and structuralist). Course will then examine the contemporary international economic system, the relationship between the state and economy in the developed and developing worlds, and the current dynamics and challenges of globalization. Cross-listed as GLS 361. (2SE)

POL 366 Congress, Parties, and the Presidency **3 credits**
In depth examination of the elected branches of the national government, and the American political party system and interest groups. Topics to be covered include Constitutional design, the development and role of political parties, the inherent tensions between Congress and the presidency, the impact of individual presidents on the power and role of the presidency over time, and the role of interest groups in the political process. (ADD)

POL 380 Special Topics in Political Science **3 credits**
Readings, discussion, and writing on selected topics. (ADD)

POL 460 Internship in Political Science **2-4 credits**
Prerequisites: Junior or senior political science major, 102, and permission. Internship with the Indiana General Assembly, Indianapolis City-County Council, or other government agency. Written reports and regular conferences with course coordinator required for full credit. These credits do not count toward the major or minor. Graded S/U. (ADD)

POL 490 Senior Political Science Seminar **3 credits**
Prerequisite: Senior status. Intensive reading and discussion of major issues in political science as a discipline. Assigned readings are linked to the general education theme of the year, and students are required to attend convocations. A formal written project is required. Offered jointly with SOC 490. (FAL)

POL 499 Independent Study **3 credits**
Prerequisites: Senior political science major and permission. Guided readings and research. (ADD)

PSY 101 General Psychology 3 credits
This course serves as a broad introduction to the field of contemporary psychology, which is explored as a science, a profession, and a means of promoting human welfare. Students are exposed to psychology as both a natural and social science through reading assignments, lectures, discussions, and demonstrations. Writing assignments reflecting critical thinking are required. This course partially satisfies general education curriculum standards for the development of behavioral and social knowledge. (SEM)

PSY 205 Statistical Methods 3 credits
Prerequisite: One year of high school algebra is recommended. Basic concepts, uses, and methods of statistical computation, including descriptive statistics, correlation, probability, estimation, sampling, design, hypothesis testing, t-tests, ANOVAs, and chi-square are presented. This is a computational and interpretational statistics course designed to prepare students for upper division/graduate courses in research, data evaluation, and analytical reasoning. Use of computer software facilitates learning. This course satisfies the general education standards for foundational intellectual skills in quantitative reasoning. (SEM)

PSY 220 Human Growth and Development 3 credits
Major theories, developmental stages, and current research in the area of human development are studied. Emphasis is placed on the genetic and environmental factors that influence the physical, cognitive, and social development of individuals throughout the lifespan. This course partially satisfies general education curriculum standards for the development of behavioral and social knowledge. (SEM)

PSY 230 Abnormal Psychology 3 credits
Prerequisite: 101 or 220. A scientific study of abnormal behavior, with emphasis on cause, treatment, and prevention. Psychopathology, including its development, assessment, and treatment is approached using major paradigms and research findings as they relate to a range of disorders as listed in the current *DSM*. (SEM)

PSY 250 Research Methods 4 credits
Prerequisites: 101 or 220 and 205, or instructor permission. Research techniques, experimental design, and ethical considerations currently used in the science of behavior are presented. Laboratory experiments, formal research reports, professional presentations, and individual research projects are required. (SPR)

PSY 280, 380, 480 Special Topics in Psychology 2-3 credits
Prerequisite: Instructor permission may be required. A special topic in psychology is explored. An APA-style laboratory or library research paper is required for 380 and 480. This course may be repeated for credit because its subject matter varies, for example, stereotyping and prejudice, school counseling, and psychology of human sexuality. (ADD)

PSY 300 Psychological Tests and Measurement 3 credits
Prerequisites: 101 or 220 and 205. This course addresses standardization procedures, concept evaluation, item and test reliability and validity, indirect measurement issues, and ethics. Tests currently in use in educational and psychological career fields are studied in depth. Projects on test development and interpretation are required. (FAL)

PSY 305 Learning and Behavior 3 credits
Prerequisites: 101 or 220 and 250. This course is designed to provide the student with an overview of the major theories and principles of learning derived from research. Topics include nonassociative learning, classical conditioning, instrumental/operant conditioning, observational learning, and methods used to construct learning principles and theories. A research proposal and written assignments that develop critical thinking are required. (SPR)

PSY 310 Industrial/Organizational Behavior 3 credits
Prerequisite: 101 or 220. This course is a study of social psychological applications in the workplace with special emphasis on performance appraisal, motivation, leadership, and new forms of organizational structure and function. Psychological methods adapted for advertising and consumer research are also discussed. Analytical assignments (research articles, case analysis) supplement text material. (SPR)

PSY 315 Psychology of Motivation 3 credits
Prerequisite: 101 or 220. An examination and analysis of important areas of research in motivation including physiological drives related to eating and sexual behaviors, the impact of stress and emotion on behavior, and the role of learned and social motivational states. Classical and modern theories of motivation are discussed. (ADD)

PSY 325 Social Psychology 3 credits
Prerequisite: 101 or 220 and 250. This course is a study of theoretical and empirical foundations of individual social behaviors, including social cognition and perception, attitude formation and change, prosocial behavior, prejudice, aggression, interpersonal attraction, group influences, and applied legal issues. Research proposals, analytical papers, and written analyses of journal articles supplement text material. (SPR)

PSY 330 Health Psychology 3 credits
Prerequisite: 101 or 220. This course is an overview of the rapidly developing field of health psychology, which applies empirically-based psychological principles to healthcare, in medical, exercise, work, and hospital settings. Consideration is given to individuals as well as institutions seeking to promote stress management, healthy lifestyle choices, and wellness. Readings and class activities engage students and supplement course material. Topics include healthcare ethics, cultural factors, coping, injury and treatment, pain management, and preventive interventions. (2FO)

PSY 335 Theories of Personality 3 credits
Prerequisite: 101 or 220. A study of the major theoretical paradigms of personality, including psychoanalytic, trait, behavioral, and humanistic models. The student acquires an understanding of the major theories of personality along a continuum of scientific rigor, a thorough understanding of human commonalities and differences, mind/body connections, hereditary and experiential influences, psychopathology and treatment of personality disorders, self-knowledge, and applications to relationships with others. Writing assignments supplement assigned readings. (FAL)

PSY 340 Sport Psychology 3 credits
Prerequisite: 101 or 220. This course is designed to introduce the concepts and applications of psychology to the field of sport. History and foundations, leadership, motivation, athletic performance factors, neurophysiology of arousal and attention, stress and coping, psychological skills training, aggression and violence in sports, and health issues are presented. Sports as individual and team activity within a broader framework of recreation and vocation will be addressed. A research/topical paper will supplement text, reading assignments, and activities. Cross-listed as ESS 340. (FAL)

PSY 345 Cognitive Science 3 credits
Prerequisites: 101 or 220, 205, and 250. This course is designed to provide the student with an introduction to factors that influence human thought. Research methodology and theory are emphasized and topics include attention, pattern recognition, memory, language, reasoning, and problem-solving. Experiment implementation, research paper, and writing assignments reflecting critical thinking are required. (SPR)

PSY 350 Behavioral Neuroscience 3 credits
Prerequisite: 101 or 220. This is an overview of the latest findings from the neurosciences pertinent to relationships between behavior and the nervous system, including the neural and chemical processes underlying sensation, motivation, learning, cognition, and disorders. Dissections and supplemental readings are required. (FAL)

PSY 355 Psychology of Religion **3 credits**
Prerequisites: 101 or 220 and THL 105. An investigation of the interrelatedness of psychology and theology in the study of religious experience and spiritual development. The study of the religious aspects of the person is approached from various psychological and theological perspectives. Cross-listed as THL 355. (2SO)

PSY 360 Internship in Psychology **2-3 credits**
Prerequisites: Junior psychology major, a 2.0 cumulative GPA, instructor permission, and a grade of C or above in all completed required major courses. Students are placed in a supervised experience in psychology or a related field according to their career interests and academic abilities. A minimum of five hours per week of on-the-job work is required to earn each credit. Students are evaluated by their on-the-job supervisor and by a journal submitted to the monitoring faculty member. This course may be repeated for an accumulated total of six credits. Graded S/U. (SEM)

PSY 365 Psychology of Adolescence **3 credits**
Prerequisite: 101 or 220. This course is a study of developmental issues and experiences of adolescence viewed from major theoretical perspectives. Adolescent development is studied as a dynamic interaction of physical, cognitive, and social/contextual factors. Topics include puberty, cognition, identity, sexuality, family and peers, values and beliefs, and problems of youth. Analytical homework assignments and an integrative project are required. (SPR)

PSY 367 Cross-Cultural Psychology **3 credits**
See GLS 367. (FAL)

PSY 370 Clinical Psychology **3 credits**
Prerequisites: 230 and 335. An introduction for the advanced undergraduate psychology student to the field of clinical psychology and the application of scientifically based paradigms to clinical practice. The course focuses on use of scientifically validated techniques for developing clinical case conceptualizations. Topics include history of the field, theoretical foundations of research and practice, assessment, and intervention strategies for individual, family, forensic, marital, and group treatment. (2SE)

PSY 371 Introduction to Art Therapy **3 credits**
See ART 371. (2FE)

PSY 373 Forensic Psychology **3 credits**
Prerequisites: 101 or 220. This course uses an issue-based approach to present the interface between psychology (clinical and socio-cultural) and legal systems and practice. Applications of psychological theories and research to legal practice will be addressed, covering the following topics: eyewitness identification, jury selection and decision-making, crime prevention, profiling, trial procedures and testimony, and the appropriate use of clinical evidence in litigation. Text/journal articles, case analyses and a research paper are required. (2SE)

PSY 405 Advanced Statistics **3 credits**
Prerequisite: PSY 205 or POL/SOC 205. This course provides an opportunity to junior/senior level social science majors and minors for in-depth study of statistics at greater depth than POL/PSY/SOC 205. Students will learn and use analysis of covariance, multiple regression and path model fitting, and factor analysis with assigned projects. (ADD)

PSY 460 Advanced Internship in Psychology **2-3 credits**
Prerequisites: Senior psychology major or permission, a 2.0 cumulative GPA, instructor permission, and a grade of C or above in all completed required major courses. Students are placed in an advanced supervised experience in psychology or a related field according to their career interests and academic abilities. A minimum of five hours per week of on-the-job work is required to earn each credit. Students are evaluated by their on-the-job supervisor and by a journal submitted to the monitoring faculty member. This course may be repeated for an accumulated total of six credits. Graded S/U. (SEM)

PSY 490 Senior Seminar in Psychology 3 credits
Prerequisite: Senior psychology major. In this capstone course, students demonstrate the ability to use psychological concepts and skills in the examination of a college-wide general education theme. Integrative papers, oral presentations, research projects, and convocation attendance are required. Students also begin formal preparation for graduate school or careers and perform program skills self-assessments. (FAL)

PSY 497 Directed Research I: Research Proposal 2 credits
Prerequisites: 205, 250, 300, and instructor permission. This course is designed to provide the opportunity for junior and senior psychology majors to begin an independent research project under the guidance of a faculty sponsor they have chosen. Students identify a research topic, perform a literature review, create a research design and materials to investigate their topic, and write an APA-style research proposal that summarizes these activities. Successful completion of this course prepares students to enroll in 498. (SEM)

PSY 498 Directed Research II: Research Project 2 credits
Prerequisites: 497 and/or instructor permission. Students complete the research project they began in 497 by gathering and analyzing data according to their proposal and reporting their findings with an APA-style manuscript and a formal presentation. Papers deemed to be of sufficient quality by the faculty sponsor may be presented at a regional research conference. (SEM)

PSY 499 Independent Study 1-3 credits
Prerequisites: Junior or senior psychology major or minors and permission. Guided readings and a literature review are required on a psychological topic negotiated with the supervising faculty member. (SEM)

SCI 101 Earth Sciences 4 credits
This course is an introduction to the earth sciences of geology, oceanography, meteorology, and astronomy. The lab portion includes recognition and basic experimentation using science inquiry skills and methods. Three lecture hours and two lab hours per week. This course satisfies general education curriculum standards for the development of scientific knowledge. (FAL)

SCI 102 Life Sciences 4 credits
This course is an introduction to the life sciences of biology, ecology, and environmental systems. The lab portion includes recognition and basic experimentation using science inquiry skills and methods. Three lecture hours and two lab hours per week. This course satisfies general education curriculum standards for the development of scientific knowledge. (SPR)

SCI 103 Physical Sciences 3 credits
This course is an introduction to the physical sciences of chemistry and physics for non-science majors, focusing on the physical laws related to motion, matter and energy, electricity, electromagnetic waves, and basic concepts of chemistry. Taken in conjunction with SCI 104, this course satisfies the general education requirement in the scientific knowledge category. (SPR)

SCI 104 Physical Sciences Lab 1 credit
Prerequisite or corequisite: 103. This lab portion of Physical Sciences involves the conduct of multiple experiments that illustrate the principles that are basic to physical science. Two lab hours per week. Taken in conjunction with SCI 103, this course satisfies the general education requirement in the scientific knowledge category. (SPR)

SCI 301 Science and Health for the Elementary Teacher 3 credits
This course explores science and health topics found in the elementary curriculum, including earth science—rocks, dinosaurs, volcanoes, earthquakes, weather, and astronomy; life science—plants, animals, Project Learning Tree, Project Wild, ecology, life cycles; health—body systems, nutrition, substance abuse, AIDS, sex education; and physical science—matter, atoms, electricity, magnets, energy, and machines. Lectures, hands-on laboratory experiences, and field work are included to acquaint the students with methods and techniques of science and health instruction. The field work includes visiting an elementary school throughout the semester for at least 8 hours and team teaching a minimum of two lessons. (SPR)

SOC 100 Experiential Learning: Community Service 1-2 credits
Volunteer experience appropriate to the student's interest at an approved site under the supervision of a field supervisor and monitored by a faculty member. Credit may apply toward the 128-credit degree total, but does not satisfy credits toward major, minor, or general education requirements. Department permission and coordination with the faculty experiential learning coordinator is required. May enroll for one or two credits. Enhancement courses, such as SOC 100, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. This course is open to all students. Graded S/U. (SEM)

SOC 101 Introduction to Sociology 3 credits
This course serves as a broad introduction to the social scientific field of sociology. The main features of human societies are examined; how they are organized, how they change and how they come to shape collective social existence. Explicit attention is paid to the interaction between individuals and society, how social structures shape everyday life, social inequalities and social change. This course partially satisfies general education curriculum standards for the development of behavioral and social knowledge. (SEM)

SOC 145 Introduction to Social Justice 3 credits
Introduction to Social Justice explores the nature and goals of social justice through an analysis of the sociological structures of American society. The course includes the history of social justice struggles, explorations of social inequalities, and the role of economics and politics in questions of justice. This course is required for the peace and justice studies minor. (2SE)

SOC 175 Introduction to Anthropology 3 credits
This course is a comprehensive introduction to anthropology that emphasizes the integration of the different fields of physical anthropology, archaeology, linguistic and cultural anthropology. The aim is to provide a sampling of anthropological research into human evolution and human cultures from the remote past to the present. This course partially satisfies general education curriculum standards for the development of behavioral and social knowledge. (SEM)

SOC 205 Social Science Statistics 3 credits
Prerequisite: One year of high school algebra is recommended. Basic concepts, uses, and methods of statistical computation, including descriptive statistics, correlation, probability, sampling, design, hypothesis testing, t-tests, ANOVA, regression, and chi-square tests are presented. This is a computational and interpretational statistics course designed to prepare students for upper division/graduate courses in research, data evaluation, and analytical reasoning. Use of computer software facilitates learning. This course satisfies the general education standards for foundational intellectual skills in quantitative reasoning. Cross-listed as POL 205. (FAL)

SOC 210 Marriage and Family 3 credits
Prerequisite: 101 or permission. This course provides an analysis of the social institutions of marriage and family in historical context. Drawing on the tools and perspectives of Sociology, this class examines the definitions, meanings, and practices of families and marriages in the U.S. (2FE)

SOC 245 Sociology of Religion **3 credits**
Prerequisite: 101 or permission. This course provides an analysis of religious institutions, beliefs, practices and experiences in the U.S. and elsewhere in the world. Students examine the varieties of contemporary religion, how religion is adapting to contemporary social forces such as immigration and technological development, and how religion is impacted by and is impacting globalization. (2FE)

SOC 255 Environmental Sociology **3 credits**
Prerequisites: 101, 175, or permission. The study of the interactions between the physical environment, social organization and social behavior. This course uses different theoretical perspectives from within the social sciences to study how people are affected by the environment and how people's behavior impacts the environment. This class requires students to become engaged in environmental practices in the community (University, home/living residence, church or workplace). (2FO)

SOC 265 Introduction to Social Work **3 credits**
Prerequisite: 101 or permission. This course is an introduction to the profession of social work and the social welfare system. The historical development of the field, including prominent persons, events and legislation, and the National Association of Social Workers Code of Ethics are emphasized. Along with fundamental theoretical concepts and practices in the field, students are introduced to issues of discrimination in marginalized populations. (SPR)

SOC 267 Sociology of Aging **3 credits**
Prerequisite: 101 or permission. This course examines age and aging (from cradle to grave) through a life course perspective. The social aspects of age and aging are studied in relation to socioeconomic status, gender, race and ethnicity. Fieldwork is required. (2SE)

SOC 270 Education and Social Inequality **3 credits**
Prerequisite: 101 or permission. This course analyzes the complex relationships between schooling and inequalities based on social class, race, gender, and sexuality in contemporary society, and the implications of these relationships for educational policy development. (2SO)

SOC 275 Cultural Anthropology **3 credits**
Prerequisite: 101 or permission. Introduction to the comparative study of contemporary human cultures; origin and development of human institutions; social processes that influence behavior. (FAL)

SOC 301 Social Science Research **3 credits**
Prerequisite: 101, 205, or permission. An introduction to the basic tools and methods of social research. Both quantitative and qualitative procedures are considered. Students are required to design and carry out a complete research project as a part of this course. (SPR)

SOC 305 Sex, Gender, and Sexuality **3 credits**
Prerequisite: 101 or permission. This course examines the gendered construction of various social institutions, including family, religion, and government, in an historical and cross-national context. Cross-listed as GST 301. (2SE)

SOC 315 Native North American Culture History **3 credits**
This course provides a general view of the variations in the life ways of Native Americans. This study places native populations in a broad comparative context, investigating the cultural variation between the societies of the major culture areas of North America and the impact upon them through European contact and subsequent U.S. policies. (2SO)

SOC 320 Race and Ethnic Relations 3 credits
Prerequisite: 101 or permission. This course examines the historical social construction of race in the U.S., the development of racist practices by individuals and institutions, and the consequences of those practices, especially the persistence of racial inequality. This course examines U.S. racial/ethnic groups, including whites, as well as the intersections of race with other inequalities, such as class, sexuality, and gender. (2FE)

SOC 325 Social Class, Power, and Inequality 3 credits
Prerequisite: 101 or permission. This course examines class, status, and power relations in society as they relate to social mobility, work, globalization, and social change. (2FO)

SOC 335 Sociology of Health and Illness 3 credits
Prerequisite: 101 or permission. This course examines the social context of health, illness, and healthcare. Topics include the social conditions of health and illness, social epidemiology, the social construction of health and illness, environmental health, advanced technologies, cultures of risk, mental health and illness, health behaviors, experiences of illness, the political economy of health and illness, and health care systems and reforms. (2SO)

SOC 360 Experiential Learning: Social Justice in Action 2-4 credits
Prerequisites: Peace and Justice Studies minor, SOC 145, one additional social justice elective, 2.5 cumulative GPA, and instructor permission. Through collaboration with community activists, students work for and provide social justice organizations analytical and research skills while gaining hands-on experience in the practical work of social justice. Course can be repeated for up to 6 credits; however, only 3 credits can count as an elective toward the Peace and Justice Studies minor. (SEM)

SOC 370 Criminology 3 credits
Prerequisite: 101 or permission. This course is designed to explore crime, its context, and especially its causes. A foundation will be provided concerning the basic concepts of crime, law, and criminology. Sociological theories of crime causation will be explored. Crime typologies will be examined. Attention will also be directed at the intersection of crime, race, gender, and class. (2SO)

SOC 375 Social Movements 3 credits
Prerequisite: 101 or permission. An analysis of the processes shaping the emergence, objectives, structures, strategies, tactics, and long-term outcomes of representative movements aimed at social change. (2SE)

SOC 377 Global Health Issues and Interventions 3 credits
See GLS 377. (2FO)

SOC 380 Special Topics in Sociology 3 credits
Prerequisite: 101 or permission. Readings, discussions, and writing on selected topics. (ADD)

SOC 450 Sociological Theory 3 credits
Prerequisite: Senior status, 101 or permission. This course undertakes a historical and analytic exploration of major classical and contemporary social theories with attention to their development and transformations. (FAL)

SOC 451 Social Psychology 3 credits
Prerequisite: Junior or senior status and 101, or permission. This course examines the reciprocal relationship between the social group and the self. Symbolic interactionism is used as the major frame of reference for the analysis of social processes, all forms of interaction and the relationship between the individual and the norms and patterns that constitute society. (SPR)

SOC 460 Internship in Sociology 2-4 credits
Prerequisites: Junior status, sociology Major, a 2.0 cumulative GPA, instructor permission, and a grade of C or above in all completed required major courses. Students are placed in a supervised experience in social work or social sciences-related field according to their career interests and academic abilities. A minimum of five hours per week of on-the-job work is required to earn credit. Students are evaluated by their on-the-job supervisor and by a journal submitted to the monitoring faculty member. This course may be repeated for up to 6 credits. Internship/service learning credits do not count toward credits required in the major. Grade S/U. (SEM)

SOC 490 Senior Sociology Seminar 3 credits
Prerequisites: senior sociology major, SOC 301, or permission. Seminar students engage in intensive reading and discussion of capstone issues in the social sciences linked to the college-wide general education theme of the year. Papers, class presentations, and discussion and attendance at college-wide events in support of the general education theme are required. Student research papers from SOC 301 are developed for public presentation or publication. Students also begin preparation for graduate school or careers. (FAL)

SOC 499 Independent Study 3 credits
Prerequisites: Junior or senior standing and permission. Guided readings and research. May enroll for one to three credits. (ADD)

SPA 101 Introduction to Spanish I 4 credits
Introductory study of the Spanish language with emphasis on building adequate vocabulary and sense of structure to carry out routine tasks and engage in simple conversation. The course is designed to help the student ask and answer questions about familiar topics and handle basic social situations, write simple sentences, learn about aspects of everyday culture in Spain and Latin America. This course partially satisfies the general education requirement in the effective communication category. Class is conducted in Spanish. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (SEM)

SPA 102 Introduction to Spanish II 4 credits
Prerequisite: 101 or placement. Continuation of vocabulary building, grammar usage, and practice in the skills of listening comprehension, speaking, reading, and writing. The course is designed to help the student engage in simple conversations on familiar topics, understand the main ideas on a familiar topic in both written and spoken Spanish, and learn how cultural differences affect one's experience of the world. This course partially satisfies the general education requirement in the effective communication category. Class is conducted in Spanish. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (SEM)

SPA 200 Intermediate Spanish I 3 credits
Prerequisite: 102 or placement. Continued development of proficiency in communication skills. The course is designed to help the student participate in simple conversations on topics such as personal history and leisure-time activities, read consistently with increased understanding simple connected texts, write short narratives about familiar topics, and demonstrate an understanding of cultural differences and similarities in a world view. Class is conducted in Spanish. (FAL)

SPA 201 Intermediate Spanish II 3 credits
Prerequisite: 200 or placement. Continues the review of basic structural elements of the Spanish language and provides a context for students to develop consistency in understanding and correct usage as they advance to connected discourse in Spanish. The course is designed to help the student initiate, sustain, and close a general conversation, read consistently with full understanding simple connected texts, and get some main ideas from texts featuring description and narration, write about personal experience, and appreciate culture-based values in the Spanish-speaking world. Class is conducted in Spanish. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (SPR)

SPA 210 Business Practice in Spanish 3 credits
Prerequisite: 201. This course is designed to establish a foundation in common business vocabulary and basic business and cultural concepts, and to engage in situational practice necessary to be successful in today's Spanish-speaking business world. The class activities include the use of community and business resources in Indianapolis. It is intended for students with some knowledge of and ability in Spanish who wish to use the language in business-related applications. Class is conducted in Spanish. (F2015, F2019)

SPA 213 Spanish for Mental Health Professionals 3 credits
Prerequisites: 201 or placement. This course is designed for mental health providers and social workers attempting to break through language and cultural barriers between themselves and their Spanish-speaking clients. This course includes case simulations representing a range of stressful situations that a social worker, psychologist, psychiatric nurse, psychiatrist, or ministry leader might encounter among recently arrived immigrants from Spanish-speaking countries. (ADD)

SPA 220 Introduction to Hispanic Film and Literature 3 credits
Prerequisite: 201. Development of skills required to read for information, to comprehend major ideas, and to analyze different literary forms of average difficulty. Readings are selected from works of Spanish and Spanish-American authors from the twelfth to the twenty-first centuries and grouped according to genre. Class is conducted in Spanish. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (FAL)

SPA 230 Oral Communication in Spanish 3 credits
Prerequisite: 201. Development of speaking and listening skills, which enable students to use Spanish correctly and idiomatically in conversation and narration. Students learn and use functional expressions appropriate to typical Hispanic situations, prepare and deliver dialogues and brief oral reports, and engage in impromptu conversations on topics of current public and personal interest. Listening skills include interaction with film, video and audio recordings, as well as with speakers of native ability. Class is conducted in Spanish. This course satisfies general education curriculum standards for the development of humanistic and artistic knowledge. (2SE)

SPA 280, 380, 480 Special Topics in Spanish 3-9 credits
Prerequisites: 220 or permission. Study of a selected topic in Spanish or Spanish-American literature, current affairs, business or professional communication, or the media. Specific topics and the designated course credit are published in the semester class schedule. Advanced communication skills developed through a semester abroad experience also apply as a special topic. For credits earned through a study abroad experience, selected topics are approved by the advisor in Spanish and the Director of Study Abroad at the time of application. Topics vary from one semester to the next to allow students to take the course more than once. Class is conducted in Spanish. (ADD)

SPA 310 Written Communication in Spanish 3 credits
Prerequisite: 201. Review of the essentials of Spanish grammar with application to composition. The course is designed to help students write social and business correspondence, write cohesive summaries and resumes, as well as narratives and descriptions of a factual nature. Required course for teacher certification. Class is conducted in Spanish. (2SO)

SPA 315 History and Culture of Spain 3 credits
Prerequisite: 220 or 310 or permission. A survey study of the history, topography, art, literature, music, and social aspects of Spain. Students explore contemporary issues through film, periodicals, and interviews. Class is conducted in Spanish. (S2017, S2021)

SPA 325 Latino Catholic Culture 3 credits
Prerequisite: 201. This course is an overview of Latino culture specifically through the lens of Catholic identity so that students are equipped with the linguistic and analytical skills to encourage an inclusive Catholic community in accordance to the Franciscan values. Through an overview of the historical, political, social and especially artistic markers that have shaped the Latino Catholic Church, this course aims to introduce students to the issues and encourage students to reflect on possible solutions. All students who want to work in the Church in any capacity are encouraged to take this course. English is the language of instruction. Students taking the course as SPA 325 will read and write in Spanish. Cross-listed with LAC 325. (2FO)

SPA 335 Latino Voices in the US 3 credits
Prerequisite: SPA 220 or SPA 310 or permission. This course is a study of the diverse Latino population of the United States. Literature, film, music, and interdisciplinary scholarship serve as the basis for our study of the social, economic, and political situations of this growing population. This course continues development of the students' Spanish language skills through readings and discussion in Spanish. For students registered under LAC 335, readings and discussions are in English. Cross-listed as LAC 335. (4SE)

SPA 340 Survey of Spanish Literature: 12th through the 19th Centuries 3 credits
Prerequisite: 220. A study of the principal movements of Spanish literature from the medieval period through the 18th century. Selections from typical works of each literary movement are examined in detail and in the context of the historical and cultural life of the period. Class is conducted in Spanish. (S2015, S2019)

SPA 341 Survey of Spanish Literature: 20th Century to Present 3 credits
Prerequisite: 220. Basic literary survey from the early nineteenth-century through the twenty-first century. Reading for understanding, including skills of summarization, explication, comparison, and analysis. Class is conducted in Spanish. (S2017, S2021)

SPA 345 Spanish Cultural Studies 3 credits
Prerequisite: 220 or equivalent knowledge of Spanish. This course will examine the cultural artifacts (film, art, media, music, and literary texts) of contemporary Spain as a way of understanding different aspects of Spanish society. This course is designed to familiarize students with the major issues as well as support students in building language proficiency. Class is conducted in Spanish. (S2015, S2019)

SPA 350 History and Culture of Latin America 3 credits
Prerequisite: 220 or 310 or permission. A study of the history, topography, art, philosophy, literature, and sociological aspects of Hispanoamerica. Students explore culture through film, recordings, journals, and personal interviews. (2FE)

SPA 355 Latin American Expressions 3 credits
Prerequisite: 220 or 310 or permission. This course provides a multi-dimensional perspective of the diversity of cultural expressions from Latin America through the analysis of films, media, art (music, painting, dance, performance) and literary works. This course continues to develop students' language skills in Spanish and is therefore conducted in Spanish. (S2018, S2022)

SPA 360, 460 Internship/Practicum in Spanish 1-6 credits
Prerequisite: 230 or 310 or permission. An approved internship or work experience using the student's proficiency in the Spanish language. Student may enroll for one to six credits; a maximum of three credits may apply toward the major. Graded S/U. (SEM)

SPA 370 Survey of Spanish-American Literature: Pre-Columbian through the 19th Century 3 credits
Prerequisite: 220. A study of characteristic literary works from the Pre-Columbian period to romanticism, realism and naturalism in the nineteenth-century. The survey includes special emphasis on representative Spanish-American authors, and relates literary movements to Latin-American history and culture. Class is conducted in Spanish. (S2016, S2020)

SPA 371 Survey of Spanish-American Literature: Twentieth Century to Present 3 credits
Prerequisite: 220. A survey of literary works from the period of Modernism to the present, and which are representative of Spanish-American authors. Reading for understanding, including skills of summarization, explication, comparison, and analysis. Class is conducted in Spanish. (S2018, S2022)

SPA 400 Contemporary Hispanic Themes 3 credits
Prerequisite: 220. Major themes of contemporary Spanish or Latin American society. Course may focus on a particular region, period, or country from late twentieth century to the present. Class is conducted in Spanish. (ADD)

SPA 490 Senior Seminar 1 credit
Prerequisite: Senior major in Spanish. The seminar addresses the college-wide general education senior theme and text for that year. The common senior experience includes discussion sessions, a convocation presentation, a timed written essay, and an objective test assessment based upon general education goals. Cross-listed with FRE 490. Spanish majors register concurrently in SPA 498. (FAL)

SPA 498 Guided Research for Majors 2 credits
Prerequisite: Senior major in Spanish. This course serves as a comprehensive review and demonstration of skills acquired by the Spanish major. Students prepare specific projects which incorporate communication skills, cultural understanding, and the ability to research, refine, organize, and present a topic of particular interest. The course requires a term paper and an oral presentation of the research in Spanish. It is a capstone course and satisfies the degree requirement for the senior comprehensive. (FAL)

SPA 499 Independent Study 2-3 credits
Prerequisites: Junior or senior Spanish major and permission. Guided readings and research. (ADD)

SPD 130 Introduction to Exceptional Children 3 credits
This course is an introduction to the variety of exceptional conditions found in children. Definitions, identification, prevalence, characteristics, and educational needs of the various types of exceptional children will be presented. Information on the roles of the local school agency, the state, and the federal government as they pertain to the education of exceptional children will also be covered. This is a lab course which includes visitations to several school programs and private agencies dealing with children with special needs. (FAL)

SPD 154 Observation and Methods for Early Childhood: Exceptional Needs 3 credits
This course focuses on observing, recording, and analyzing children's development and behavior, including physical, emotional, cognitive, and social. Typical and atypical development of children is an essential component. Naturalistic observation is the primary area of study. The course requires teacher candidates to work in a preschool classroom one morning per week with children with disabilities. A minimum of 25 hours at the site is required. (SPR)

SPD 230 Introduction to Special Education for General Education Teachers 3 credits
Students utilize knowledge of the 13 areas of exceptionalities to effectively educate all students in their future classroom through differentiation, curriculum design, and evidence based practices. This exploration includes historical foundations, current law, developmental theories, evidence based practices, research, and teaching methodology designed to promote individualized student growth in an inclusive general education classroom. A unique blend of coursework and fieldwork ties theory to practice. (SEM)

SPD 233 Assessment of Children with Exceptional Needs 3 credits
Prerequisite or co-requisite: SPD130, SPD154. This course examines the causes and types of learning problems found in children with Exceptional Needs. Students learn how the teacher can assess children with learning problems. Formal psychological evaluation tools are examined and the value of the information to the classroom teacher is discussed. (SPR)

SPD 338 Curriculum and Methods for Exceptional Needs 3 credits
Prerequisites: SPD130, SPD 154, co-registration or permission of professor. This course will assist candidates in developing and adapting the curriculum in order to meet the needs of children with exceptional needs. Specific instructional methods, teaching strategies, assistive technology and material adaptation will be considered. Strategies will be reviewed and will include those for math and language arts. (FAL)

SPD 368 Exceptional Needs Strategies/Practicum 3 credits
Prerequisites: SPD 130, 154, 233, and EDU 230 or co-requisite. The course will utilize teaching and learning strategies which are relevant and appropriate for children with disabilities. This practicum will combine a weekly group meeting with a 30 hour field experience. Students will observe, interact, and instruct children with exceptional needs. The candidate will determine students' ability levels and will be responsible for individual and/or group lessons and for relating classroom knowledge to actual practice. Students will also review evaluations and complete sample paperwork required by state and federal laws relating to children with exceptional needs. (FAL)

SPD 369 Exceptional Needs Behavior Issues/Practicum 3 credits
Prerequisite: SPD 130, 154, 233, 368, EDU 230 or co-requisite. This course will combine behavioral analysis with completion of a FBA and BIP. The course includes field experience with children with disabilities within a self-contained classroom and may include moderately mentally handicapped, autism spectrum, emotionally disabled, or orthopedically handicapped. Curriculum appropriate for these specific disabilities will be discussed. A 30 hour field experience is required. (FAL)

SPD 439 Exceptional Needs: Collaboration and Communication 3 credits
Prerequisites: SPD130, 154, 230, 233, 368.This course will engage students in the art of professional collaboration and communication. Students will utilize techniques to ensure successful interactions with others, including parents, faculty, and other adults. Other course topics include social skills, methods for conflict and behavior resolution, crisis intervention, and inclusion of the family and positive social development of children with exceptional needs. Cross-listed with EDU 439. (SPR)

SWK 270 Social Welfare Policy and Programs 3 credits
Prerequisite: SOC 265 or permission of instructor. Introduces the historical development, mission, and philosophy of social welfare in the United States with a focus on the analysis of current social welfare programs. Focuses on economic, religious, political, and other socio-cultural influences on contemporary welfare policies and services. (2SO)

SWK 310 Strategies for Social Work Practice 3 credits
Prerequisite: SOC 265 or permission of instructor. A presentation of basic knowledge, skills, and theory used for entry-level professional practice, such as biopsychosocial assessment techniques, interviewing skills, crisis intervention, and referral procedures. The course objectives also will teach students how to help clients negotiate systems effectively, and to use appropriate resources, services, and opportunities. (FAL)

SWK 350 Social Work Research and Assessment 3 credits
Prerequisites: POL/PSY/SOC 205 and SOC 265. This course presents a broad range of research and assessment tools that social workers can use to improve the effectiveness and efficiency of their practice. Tests and diagnostic tools used in psychological and social work career fields are studied in depth. The course includes methodological considerations relating to operationalizing concepts, research design (experimental, survey, and field), sampling instrumentation, methods of data collection and analysis, and report preparation and dissemination. The use of accurate methods to assess clients and program outcomes is emphasized. Applied group projects are required. (2SE)

THE 105 Theatre Production 0.5 – 1 credit
Open to all students by audition or interview, Theatre Production is an ensemble of performers and technicians focused on mounting the Department of Theatre show(s) each semester. Students are involved as performers, technicians, designers, and stage managers. Enhancement courses, such as THE 105, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

THE 110 Introduction to Theatre 3 credits
A survey of all aspects of the theatre arts experience including studies of dramatic literature, history, performance, design, and stagecraft. Through play readings, viewings of live and filmed performances, and hands-on activities, students will be exposed to the world of theatre; a complex, collaborative, and multi-disciplined art that can both enrich their lives and enhance their academic and professional careers. (2SE)

THE 120 Acting I 3 credits
Fundamental techniques in acting with practice in pantomime, improvisation, movement and vocal production. Students learn through performing in class exercises, improvisations and scenes while also learning to observe and evaluate their classmates' work and the work of professional actors. (2FE)

THE 130 Stagecraft 3 credits
This fundamental course in theatre includes both theoretical and practical introductions to the basics of set construction, rigging, scene painting, and lighting. Theatrical problems are presented to be solved creatively and collaboratively after being acquainted with the standard materials, methods, and tools of the Theatre artisan. (SPR).

THE 231 Design for Theatre I 3 credits
This course is an introduction to the history, styles, and techniques of stage scenery, lighting, and costumes. Students will learn the development of conceptual ideas, which are inspired by a dramatic text, to the finished product on the stage. A strong understanding of the theatrical vernacular is emphasized as students are encouraged to communicate their ideas through several mediums including written presentations, sketches, drafting, rendering, and three-dimensional models. (2SO)

THE 235 Oral Interpretation of Literature 3 credits
See COM 235. (2FE)

THE 245 Studies in Dramatic Literature and Performance 3 credits
This course offers students a detailed examination of four plays in the semester through textual and performance analysis. Students will learn how dramatic literature is translated to the stage, analyze thematic choices, style, and content, and determine how these factors together make cohesive theatrical productions and promote intentional as well as unintentional meanings. The course may be repeated for credit since subject matter varies each semester. Enrollment in this course requires attending performances. Cross-listed as ENG 245. (FAL)

THE 260 Theatre Arts Practicum 1-3 credits
Prerequisites: Departmental permission and sophomore or higher class standing. Students work in supervised industry positions related to theatre arts. Practica are expected to be entry-level positions giving students an introduction to any number of fields within the theatre arts (carpentry, costuming, painting, electrical, etc.). Placements may or may not be paid positions. Students are evaluated both by their workplace supervisor and by means of a paper submitted as an end-of-course project to the monitoring faculty. A minimum of 60 hours of actual work experience is required to earn one credit. Graded S/U. (SEM).

THE 320 Acting II 3 credits
Prerequisite: THE 120 or permission of the instructor. Building on the concepts and techniques learned in Acting I (THE 120), this class concentrates on applying a more specific approach to acting through detailed scene analysis, exploration of objective, obstacle and subtext, reading and research of major acting techniques, and performance of contemporary scenes. (2FO)

THE 333 Modern Drama **3 credits**
See ENG 333. (S2017)

THE 334 Modern Women Playwrights **3 credits**
See ENG 334

THE 335 Shakespeare **3 credits**
See ENG 330. (2FE)

THE 353 British Renaissance Literature: Tudor and Stuart Drama **3 credits**
Prerequisite: ENG 115. This course is a critical study of British Renaissance Drama, excluding Shakespeare. We will explore the works of Shakespeare's contemporary playwrights and delve deeply into the literary conventions of the early modern stage, as well as investigate the cultural, political, and historical significance and lasting influence of Renaissance drama. Cross-listed as ENG 353. (ADD)

THE 360 Internship in Theatre **1-3 credits**
Prerequisites: Departmental permission and junior or senior class standing. Students work in supervised industry positions related to theatre arts. Internships are expected to be higher than entry level placements, and may or may not be paid positions. Students are evaluated by both their onsite supervisor and by means of a paper submitted as an end-of-course project to the monitoring faculty. A minimum of 60 hours of actual work experience is required to earn one credit. Graded S/U. (SEM).

THE 380 Special Topics in Theatre **3 credits**
Explores specialized areas of study in theatre. Topics may include, but are not limited to, advanced studies in design or performance in theatre, dramatic literature, technical theatre, and etc. The course may be repeated for credit since subject matter varies each semester. (ADD)

THE 499 Independent Study in Theatre **3 credits**
Prerequisites: Departmental permission and junior or senior class standing. Course may include guided readings, research or production projects. (SEM)

THL 100 The Practice of Prayer **1 credit**
An enrichment course with the primary emphasis on the act of praying. The focus is on personal spiritual development. Specific prayer experiences determined by individual facilitator(s) each semester. Enhancement courses, such as THL 100, may be repeated for credit, with a maximum of 12 credits earned toward a bachelor degree or six credits toward an associate degree. (SEM)

THL 103 Catholic Beliefs and Practices **3 credits**
An opportunity for students to become acquainted with, claim, or reclaim Catholic identity through a discussion of basic Catholic beliefs and practices. (FAL)

THL 104 The Creed **1 credit**
An exploration of the creed, its development, history, contemporary understanding, and personal appropriation. (2FE)

THL 105 Introduction to Theology **3 credits**
Study of the meaning and nature of theology, theological issues of God, human persons, Jesus the Christ, the Holy Spirit, the Church, and an introduction to Scriptures, liturgy, sacraments, and Christian morality. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (SEM)

THL 105S Introduction to Theology (CEP) 3 credits
Catholic School Educator Preparation Program alternative to THL 105 for those desiring to teach in Catholic schools. Includes 104, 116, and 136. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2FE)

THL H05 Honors Introduction to Theology 3 credits
Prerequisite: Student must meet honors program criteria. Content of THL 105 is enriched with reading and writing. Limited enrollment. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (FAL)

THL 106S Jesus and the Scriptures 3 credits
Prerequisite: 105S. Catholic Education Program alternative to second theology distribution course for those desiring to teach in Catholic schools. Includes 114, 126, 128 . This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2FO)

THL 114 The Person of Jesus Christ 1 credit
An introduction to ongoing Catholic reflection on Jesus, the paschal mystery, the incarnation, and salvation. (2FO)

THL 116 Our Moral Response in Christ 1 credit
This course explores Christian morality as a response to the love of God. Students will work together to understand the formation of conscience, sin and its effects, and the call to conversion in the Christian call. The focus is on human consciousness and the process of coming to know, to value, and to cooperate with what is truly good and to resist what is evil. The course will explore how free and loving persons act in a world where pain and injustice oftentimes thrive. Case studies will be discussed in areas of health, euthanasia, human sexuality, and social responsibility. (2FE)

THL 126 Introduction to the Old Testament 1 credit
An exploration and understanding of Jesus' own culture, geography, the history of his people, and their faith and traditions as handed on in the documents that Christians call the Old Testament. (2FO)

THL 128 Introduction to the New Testament 1 credit
A study of the literature of the New Testament. The focus of the course is on the variety of ways in which the message of Jesus was interpreted by the early Christian communities. (2FO)

THL 129 Introductory Biblical Greek 3 credits
Study and practice in vocabulary recognition, grammar, syntax and reading of biblical Greek. New Testament selections are employed as appropriate, in order to move students toward the goal of beginning competence in reading the Greek New Testament. (FAL)

THL 130 Introduction Biblical Greek II 3 credit
Prerequisite: THL129. Builds on the first semester of Greek and provides practice in reading and exegeting the Greek New Testament. (2SO)

THL 136 Liturgy and Sacraments 1 credit
An exploration of liturgy and sacraments in general and in each of the seven sacraments, as they are understood, celebrated, and lived. (2FE)

THL 142 Prayer and Praying with Children 1 credit
An exploration of spirituality within the Catholic tradition as lived out in the adult life. This course looks at the variety of prayer styles and formulas in the Church and reflect upon the nature of spirituality in the life of children. (SPR)

THL 145/146, 245/246, 345/346, 445/446 Mentoring in Ministry 0.25 credit
Weekly meetings with a theology faculty member to practice ministry skills being learned and to reflect theologically on these practices. (SEM)

THL 170 Theology and Spirituality of Ministry 3 credits
Exploration of the practice of ministry in scripture, Christian history, and present practices. (FAL)

THL 176/177, 276/277, 376/377 Internship in Ministry 0.5 credit
Pastoral Leadership majors are expected to participate in a formal internship for no less than two hours each week throughout the first three years. Internship may be waived for persons concurrently working 10 or more hours in a formal ministry role. (SEM)

THL 205 Studies in Jesus the Christ 3 credits
Exploration of the various portraits of Jesus found in the Gospels and the writings of Paul. One objective is to begin to formulate one's own Christology in the light of such key concepts as Incarnation, Passion, and Resurrection. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2SO)

THL 208 The Church 3 credits
The nature and structure of the Church. A consideration of the images of the Church in the Scriptures provides the context for the study of later controversies, theologies, and declarations by popes and church councils. A thorough study of the documents of Vatican Council II with consideration to their ecumenical significance. Study of contemporary Roman Catholic theologies of the Church. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2FO)

THL 216 Moral Issues 3 credits
A study of moral theology in relationship to current moral issues with a particular emphasis on the dignity of the human person, conscience formation, and the struggle to live authentically in our culture. Moral issues concentrate on a consistent ethic of life encompassing the personal, social, economic, and ecological dimensions. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (SEM)

THL 218 Fundamental Catholic Moral Theology 3 credits
Prerequisite: 105. Study of foundational principles in Catholic moral theology with emphasis on identifying and analyzing the legitimate sources of moral reflection. In light of these sources, this course examines concepts fundamental to Catholic moral reflection such as natural law, Christian anthropology, virtue, and freedom. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (SPR)

THL 226 Old Testament 3 credits
A study of the literature of the Old Testament with particular emphasis on the gradual development of the Biblical nation of Israel and its theology. Texts are discussed in light of their historical settings and as their messages apply today. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (FAL)

THL 228 New Testament 3 credits
A study of the literature of the New Testament. The course focuses on the variety of ways in which the message of Jesus was interpreted by the early Christian communities. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (SPR)

THL 232 History of Christian Thought 3 credits
A study of how the Christian community has attempted to articulate its belief through the thought patterns current at various moments of its history. Specifically stresses the patristic, scholastic, and reformation periods, with application to contemporary issues. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2SE)

THL 236 Liturgy and Spirituality 3 credits
A study of the nature and use of symbol in worship and sacraments. The course is directed toward understanding liturgy and sacraments as expressions of the heart of the Gospel message—healing, reconciliation, entering into the new life and mission of Jesus. A unit of this course deals with classical and contemporary spirituality. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2SE)

THL 241 Introduction to the Art of Spiritual Direction 3 credits
Prerequisite: This course is offered externally through the Benedict Inn and requires acceptance by the appropriate director. A course in spiritual formation and the first step toward an internship in spiritual direction. As such, it has a twofold goal and structure. Class presentations are intended to introduce and explore the history of spirituality, ways of praying, faith development, and the meaning of spiritual direction as reflected in the Christian tradition. The corresponding group sessions focus on each person's spiritual journey by actual time spent praying together and processing the material presented in the input sessions through group discussion. (2FE)

THL 242 The Spiritual Journey 3 credits
Prerequisite: 241. The second course of a four semester Spiritual Direction Internship Program. The class presentations are intended to introduce and explore the spiritual journey through the eyes of the Desert Fathers/Mothers, Julian of Norwich, Teresa of Avila, and John of the Cross. The corresponding group sessions are the practicum component of the internship. This course is offered externally through the Benedict Inn. (2SO)

THL 258 Asian Religions 3 credits
A study of the major traditional Asian religions of India, China, and Japan as seen in their historical settings. Emphasis is upon Hinduism, Buddhism, Confucianism, Taoism, Shinto, and Islam, with comparisons to Christianity. (SEM)

THL 270 The Franciscan Person 3 credits
An exploration of Franciscan spirituality through the lives and writings of Saint Francis and Saint Clare with special attention given to the issues of vocation and discernment. Open only to San Damiano scholars. (SPR)

THL 308 Christian Unity and Diversity 3 credits
A study of the development, beliefs, and practices of the Roman Catholic, Eastern Orthodox, Anglican, and Protestant churches. Includes lectures, discussions, visitation of various churches, and guest speakers. Consideration of the role of ecumenism in church life. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2SO)

THL 316 Theological Bioethics 3 credits
Prerequisites: THL 105 and PHL 130 or instructor permission. This course will examine a series of prominent issues in bioethics from a theological perspective. The theological basis for an ethics of healthcare will be discussed as well as certain principles that flow from that foundation. This material will then be used to analyze a series of issues including treatment of the dying, experimentation on human embryos, and the just distribution of healthcare. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (SPR)

THL 321 Religious Perspectives on Social Issues 3 credits
This course explores historically and systematically religious perspectives and responses to timely social issues including roles of women and men, war and peace, and the economy. Topics to be explored and discussed include the possibility, necessity and character of religious statements on social issues, previous and contemporary Christian attitudes on selected topics, and the apparent dilemma of conflicting perspectives. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2SE)

THL 322 Catholic Social Teaching 3 credits
This course is a study of the ongoing understandings and judgments of the Catholic community in its attempts to bring the Gospel to bear on social, political, and economic realities. The modern teachings from Rerum Novarum to Centesimus Annus; and the concerns for the dignity of working persons, solidarity with the poor, and social justice are highlighted. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2SO)

THL 323 Feminist Theologies 3 credits
See GST 304. (SP 2018)

THL 326 Fundamentals of Jewish Theology and Practice 3 credits
Theology and Practice This course introduces the student to the theological and religion-cultural concepts which have shaped Jewish belief, belonging and behavior, and provides the background that helps the student appreciate the basic issues and concerns which inform Jewish life today in its unity and its diversity. Course endowed by the Jewish Chatauqua Society. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2FE)

THL 327 Psalms and Other Biblical Prayer Texts 3 credits
Prerequisites: 105 and 226 or permission of instructor. A text based study of the prayer texts of the Old and New Testaments in canonical, form-critical, and theological dimensions. (SPR)

THL 328 St. Paul to the Romans 3 credits
Prerequisites: 105 and 228 or permission of instructor. A text based reading of the New Testament letter of Romans in theological, philosophical, and political dimensions. (FAL)

THL 332 Creative Theologians of the Modern Era 3 credits
Review and discussion of a number of modern theologians who have made special contributions in dealing with the problems of our times and the advancement of the Christian faith. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2FE)

THL 337 Christian Celebration of the Mass 3 credits
Prerequisite: THL 105. This course places the theology, history, and practice of the Roman Catholic celebration of the Mass in conversation with contemporary pastoral contexts. Students will gain familiarity with the ritual form and theological content of the Mass through close readings of primary and secondary theological sources. This course partially satisfies Marian-specific general education curriculum standards for faith, ethics, and foundations of thought. (2SO)

THL 338 Marriage 3 credits
Prerequisite: 105. This course will analyze the Sacrament of marriage from a Catholic perspective. The communal character of sacramental marriage will be contrasted with autonomous accounts of love and marriage prevalent in U.S. culture. The course will analyze discernment of and preparation for marriage, the marriage rite, and living out the sacrament of marriage as a community of life and love. (FAL)

THL 355 Psychology of Religion 3 credits
See PSY 355. (2SO)

THL 358 Religion and Globalization **3 credits**
See GLS 358. (2SO)

THL 361 Theory of Catechetics **3 credits**
This course explores catechesis and religious education, the structure and implementation of catechetical programs, and the role of the catechist and others who share in the catechetical mission of the Church. Includes the content of THL 142, Prayer and Praying with Children. (SPR)

THL 371 Youth Ministry **3 credits**
Prerequisite: 105. An introductory study of comprehensive Catholic/Christian youth ministry; examines the Church's ministry to adolescents; explores essential ecclesial documents and non-ecclesial texts which pertain to and advocate for young people; addresses pertinent theological, liturgical, and pastoral issues in youth ministry; investigates various pedagogical methodologies and models for congregational/parish youth ministers to employ. This is a foundational course in youth ministry. It is designed to help the prospective youth minister to understand practical side of youth ministry as well as learn to think theologically about youth ministry as an indispensable, holistic, and comprehensive ministry within the church. (SPR)

THL 380, 480 Selected Topics in Contemporary Theology **1-3 credits**
This seminar addresses an announced special topic which the department deems is important to the development of the advancing student of theology, is appropriate to the needs of contemporary society, and requires of itself a full semester's work. The course is recommended for majors and non-majors (with staff approval) who have fulfilled the distribution requirement of six credits of theology. (SPR)

THL 381 Selected Topics in Catholic Studies **3 credits**
Readings, discussion, and writing on selected theological topics in Catholic studies. May be repeated for credit since subject matter varies. (ADD)

THL 441 Psychological Aspects of the Spiritual Journey **3 credits**
Prerequisite: 242. The third course of a four semester Spiritual Direction Internship Program. The class presentations focus on some insights of contemporary psychology in order to help the spiritual director understand her/himself as well as the directee better. Aspects of depth psychology as well as developmental stage theory are explored. The group sessions include real play in a large group setting as well as in small group, videotaping and presentations of verbatims. This course is offered externally through the Benedict Inn. (2FO)

THL 442 Issues in Spiritual Direction **3 credits**
Prerequisite: 441. The fourth and final course in the Spiritual Direction Internship is designed to help prepare the participants to deal constructively with areas which are problematic for many people as they try to live committed Christian lives. During this time the small group session focuses on the practical application of this knowledge. This course is offered externally through the Benedict Inn. (2SE)

THL 460 Internship in Religious Education **2-4 credits**
The first two-hour segment of this course is designed to prepare the student with practical experience and training in classroom teaching at various age levels. The second two hour segment includes experience in organization and administration of religious school programs. The student is placed and supervised in one or more of the cooperating schools of the Indianapolis area (SEM)

THL 463 Administration in Parish Religious Education **3 credits**
This course is designed to enable the parish administrator of religious education to become aware of the roles that he/she plays in the parish and the resources that are available through the Archdiocese of Indianapolis and the national Roman Catholic Church. The course is offered externally through the Archdiocese of Indianapolis and requires acceptance into the program by the appropriate archdiocesan office. (FAL)

THL 474 Church Administration, Policies, and Procedures 3 credits
Church polity, policies, procedures with special attention to canon law, and diocesan regulations. Possibly other denominational policies, dependent on student background. (FAL)

THL 475 [church/tradition/denomination name] History, Polity, Ministry and Practices 3 credits
Prerequisite: Junior status, theology major or advanced minor, approval of department chair and instructor. This is ordinarily a private tutorial course focusing on the student's own tradition or denomination's history, polity, ministry, and practices. (ADD)

THL 476 Internship 1 credit
Continued preparation for ministry through practical experience and training. (SEM)

THL 490 Senior Seminar 3 credits
A comprehensive review of theological issues open to junior or senior theology, pastoral leadership, or religious education majors with department permission. This course fulfills the requirement for comprehensive exams in theology, pastoral leadership, or religious education. Includes the common readings in the general education program for that year. Attendance at convocations required. Theology and religious education majors prepare and present a major seminar paper. In place of that paper, the student in pastoral leadership chooses a pastoral problem, issue, or area of concern; does appropriate academic and field research; and proposes a plan to address the situation/need in cooperation with sponsoring faculty member and parish representative. (FAL)

THL 499 Independent Study 2-3 credits
Prerequisites: junior or senior theology, pastoral leadership, or religious education major and permission. Guided readings and research. (SEM)

PEOPLE

(Every effort was made to capture the organizational structure and title changes at the time of print. Additional updates will be reflected in the next edition of the catalog.)

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2017-2018

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Managing Partner, Retired
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Deloitte and Touche LLP

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Agent - Owner
Carson Agency, Inc.

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Consultant

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Sisters of St. Francis, Oldenburg

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Sisters of St. Francis, Oldenburg

Sr. Maureen Irvin ’70
Congregational Minister
Sisters of St. Francis, Oldenburg

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Klipsch Group, Inc.

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1st Source Bank

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Treasurer
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Sisters of St. Francis, Oldenburg

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St. Luke Catholic Church
Archdiocese of Indianapolis

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Chairman Emeritus
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Physician
Community Group Family Medicine

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CEO and Chairman (retired)
Herff Jones Company

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Human Resources Director
Archdiocese of Baltimore

D. Anthony Watt ’69
Plant Manager (retired)
DaimlerChrysler Corporation

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Partner
Ernst & Young LLP

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President, West Region
Community Health Network

Richard Andrew "Drew" Young
Owner
Drew Young Law

Raul Zavaleta
President and Chief Executive Officer
Volatus Advisors LLC

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Jack R. Snyder, Chairman Emeritus
Mary L. Welch ’68

Mary Young ’47
Judge Gerald S. Zore ’63

EXECUTIVE OFFICERS

Daniel J. Elsener (2001)
President
B.A., Nebraska Wesleyan University, 1977
B.S., Nebraska Wesleyan University, 1977
M.S., University of Nebraska, 1980

Thomas J. Enneking (2005)
Executive Vice President and Provost
B.S., Rose-Hulman Institute of Technology, 1977
M.S., Virginia Polytechnic Institute and State University, 1978
Ph.D., University of Notre Dame, 1991

Gregory A. Ginder (2009)
Senior Vice President for Personnel, Finance, Facilities & Technology
B.S., Indiana University-Purdue University, 1981

ADMISSION

Briannah Bieghler ’17 (2017)
Admission Counselor
B.S., Marian University, 2017

Luann Brames ’98 (1998)
Director of Freshmen Admission
B.A., Marian College, 1998

Matthew Cramer (2016)
Campus Guest Coordinator
B.A., Miami University, 2014
M.S.Ed., Indiana University, 2016

Holly Dolan (2011)
Second Degree Admission Counselor
B.S., Indiana University, 2002

Ashley Hardy (2011)
Assistant Director of Admissions
B.A., University of Notre Dame, 2009

Claire Henn ‘87 (2011)
Admission Representative
B.A., Marian College, 1987

Tammie Huffman (2007)
Office Coordinator – Transfer/Second Degree

Jodi Johnson (2015)
Assistant Director of International Admission
B.A., New College of Florida (2011)

Becky Kuhlman, ‘16 (2016)
Events and Communication Coordinator
B.A., Marian University, 2016

Alecia Kissel (2015)
Admission Counselor
B.A., Marian University, 2012

Michelle Miller (2015)
Admission Counselor
B.A. Butler University, 2014

Gwen Tohill-Macam (2016)
St. Louis Regional Admission Counselor
B.A., DePauw University, 1996
M.S., Indiana State University, 1998

Patrick Verhiley, ‘07 (2014)
Director of Recruiting and Marketing San Damiano Scholars
B.A., Marian College, 2007

Jennifer H. Waning, ‘94 (2014)
Ohio Regional Admission Counselor
B.A., Marian College, 1994

James Wilson, ‘08 (2012)
Senior Admission Counselor
B.A., Marian College, 2008
M.H.A., Indiana University, 2010

Karen Woods (2007)
Admission Data Coordinator – freshmen

Dr. Paul (P.J.) Woolston (2014)
Vice President of Enrollment Management
B.A., Brigham Young University, 2000
M.M., University of Michigan, 2002
Ed.D., University of Southern California, 2012

ATHLETICS

Tamara Ammons-Jones (2009)
Head Coach: Dance Team
B.S., Purdue University, 2008

Todd Bacon (2000)
Academic Coordinator
Lecturer of Health and Physical Education
Head Coach: Baseball
B.A., Earlham College, 1990

Natarsha Birk (2015)
Assistant Coach: Cycling

Steven Bradley (2016)
Head Coach: Wrestling
A.A., Lincoln College, 2000
B.S., University of Indianapolis, 2005
M.S., Ohio University, 2013

Brock Caraboa (2012)
Assistant Coach: Football
B.A., Marian University, 2012
M.A., Ball State University, 2014

Brandon Coad (2014)
Assistant Coach: Football
B.A., Wittenberg University, 2008

Brett C. Cope, A.T.C.
Head Coach: Women's Golf
(See Department of Exercise and Sport Science)

Molly Cummings (2014)
Assistant Coach: Track and Field
B.A., Anderson University, 2008
M.A., New Mexico Highlands University, 2014

Lauren Davis (2015)
Assistant Athletic Director for Student Athlete Services
B.S., Edinboro University of Pennsylvania, 2013
MBA, Piedmont College, 2014

Steve Downing (2011)
Director of Athletics
B.S., Indiana University, 1973
M.S., Indiana University, 1978

Scott Fleming '89 (2003)
Head Coach: Softball
Assistant Coach: Men's Basketball
Intramural Director
B.S., Marian College, 1989

Stephen Ford (2014)
Head Coach: Men's Gold
B.S., Marian University, 2007

Katie Gearlds (2013)
Head Coach: Women's Basketball
B.S., Purdue University, 2007

Kristine Grohnke (2013)
Assistant Coach: Strength & Conditioning
B.S., IUPUI, 2011

Scott Heady
Head Men's Basketball Coach
B.S., University of Indianapolis, 1986
M.S., Butler University, 2005

Mark Henninger (2013)
Head Coach: Football
B.A., Wittenberg University, 1996

Gary Hiday (2014)
Head Coach: Bowling
B.S., Ball State University, 1971
M.A.E., Ball State University, 1976

Michael Holman (2012)
Head Coach: Track & Field
Head Coach: Cross Country
B.S., Ball State University, 1978
M.A., Ball State University, 1988

Mitchell Huppert
Assistant Sports Information Director
B.S., 2016

Michael Kubancsek (2013)
Cycling Communications & Operations Manager
B.A., Marian University, 2013

John Locke
Head Athletic Trainer
B.S., DePauw University, 1985
M.S., University of Arizona, 1986
Ed.D., Ball State University, 2010

Cassie Mackell (2008)
Assistant Director of Athletics
Head Coach: Women's Tennis
Assistant Coach: Men's Tennis
B.S., Milligan College, 2006

Steve Mackell (2008)
Head Coach: Men's Tennis
Assistant Coach: Women's Tennis
B.A., Georgetown College, 2005

Andrew Mitchel (2014)
Assistant Coach: Football
B.A., UW-Platteville, 2003

Dean Peterson (2006)
Head Coach: Cycling
(See Educators College)

Ashlee Pritchard (2012)
Head Coach: Volleyball
Assistant Coach: Women's Basketball
B.A., Taylor University, 2009
M.S., Liberty University, 2014

Michael Ridings
Football Assistant Coach/Safeties
B.S., Indiana University, 2009
M.S., Western Kentucky University, 2013

Vernon Smith (2012)
Coach: Strength and Conditioning
B.S., Marian University, 2011

Vicky Volonaki (2013)
Assistant Coach: Women's Basketball
B.S., IEK XINI, 1996

Zach Wadley
Sports Information Director
B.A., Anderson University, 2014
M.S., Illinois State University, 2016

Monique Ware (2008)
Assistant Coach: Track & Field
(See Financial Aid)

Ernest Yarborough
Head Men's Soccer Coach
B.A., Criminal Justice Indiana University, 1995
B.A., History Indiana University, 1995

Gary Yohe (2014)
Head Coach: Women's Soccer
B.S., Marian College 2007

BISHOP SIMON BRUTÉ COLLEGE SEMINARY

Father Joe Moriarty (2013)
Rector
B. A., Saint Meinrad College, 1989
M. Div., Mundelein Seminary, 1993
M.A., Creighton University, 2007

Father Justin DuVall, OSB (2016)
Vice Rector
B.A., Saint Meinrad College, 1973
M.Div., Saint Meinrad School of Theology, 1978
A.M.L.S., University of Michigan, 1979

Father Tom Widner '64 (2010)
Director of Spiritual Formation
B.A., Marian College, 1964
M.A., University of Notre Dame, 1969
M.Div., St. Louis University, 1969

BOOKSTORE

Margaret Cihlar (2016)
Manager

BUSINESS OFFICE

Julie Brinegar '17 (2005)
Student Account Manager
B.S., Marian University, 2017

Andrea Fleak (2013)
Mailroom Manager
B.S. Marian University, 2013
M.A. St. Meinrad School of Theology, 2017

Gregory A. Ginder (2009)
Senior Vice President for Personnel, Finance, Facilities and Technology
(See Executive Officers)

Evan S. Hawkins (2016)
Executive Director of Facilities and Procurement
B.G.S., IUPUI
M.B.A., Purdue University

Laura Kelley
Staff Accountant
B.S. Purdue University, 1987

Mick Mates (2013)
Assistant Controller and Financial Analyst, College of Osteopathic Medicine
B.S. Butler University, 1994

Annabelle Ondari
Staff Accountant
B.S. Marian University, 2014

Lynsey Powers
Assistant
A.S. Parkland College, 1976

Alice A. Shelton (1996)
Director of Business Services
B.S., Saint Mary-of-the-Woods College, 1987

M. Kay Walter, CPA (1997)
Controller
B.S., Butler University, 1981
M.B.A., University of Indianapolis, 1985

Mary Ziska (2015)
Customer Service Representative
A.S., Ivy Tech Community College, 1987

CAMPUS MINISTRY

Adam P. Setmeyer (2013)
Vice President for Mission and Ministry
Director of Campus Ministry
B.A., Huntington University, 2003
M.A., Catholic Theological Union, 2009

Jeanne Grammens Hidalgo (2007)
Campus Minister, Service and Social Justice
B.A., St. Mary's College, Notre Dame, 1986
M.P.S., Loyola University, 1991

Gina Gzibovskis (2016)
Administrative Coordinator

Lauren Lawson (2016)
Campus Minister, Worship Ministries and Director of the Sacred Choir
B.A., DePaul University, 2008.
M.S., University of Dayton, 2010.

John E. Shelton (1986)
Campus Minister, Spiritual Formation
B.A., Indiana University, 1976.
M.S., Indiana University, 1990

Theresa Roberts (2011)
Campus Minister, Faith Formation and Evangelization
B.A., Marian University, 2015

CAMPUS OPERATIONS

Eric Benjamin (2013)
Maintenance Manager
B.S., Purdue University, 1984

Carrie Brunke (2009)
Office Manager
B.A., Marian University, 2011

Jeff Castner (1986)
Assistant Director of Campus Operations
B.A., Marian College, 1993

Crystal Clark (2006)
Custodial Manager
B.S., Marian University, 2004

Mike Miller (1993)
Director of Campus Operations

CAMPUS SAFETY

Scott Ralph (2004)
Director of Campus Safety
Chief of Campus Police Services

CENTER FOR ACADEMIC SUCCESS AND ENGAGEMENT (CASE)

Marj Batic (2000)
Director of Academic Support Services
B.A., Purdue University, 1978
M.S., Butler University, 1986
M.S., Butler University, 1996

Jennifer Plumlee (2012)
Director of Center for Academic Success and Engagement and Coordinator of First Year Experience
B.A., Wright State, 2009
M.S., University of Dayton, 2012

Beth Tidball (2014)
Director of Academic Advising
B.A., Eastern Illinois University, 1997
M.B.A., William Woods University, 2002

COUNSELING AND CONSULTATION SERVICES

Angela Garrison (2017)
Staff Psychologist
B.A., Illinois State University, 2007
M.A., Illinois State University, 2009
Ph.D., Western Michigan University, 2014

Kimberly Penelton (2012)
Administrative Assistant

Keirsten J. Roath (2011)
Staff Counselor
B.A., Purdue University, 1988
M.S.W., Indiana University, 1996

Marla Smith (2014)
Director
Clinical Psychologist
B.S., Xavier University, 1991
M.A., University of Maryland, Baltimore, 1994
Ph.D., University of Maryland, Baltimore, 1996

Lesley Stockton (2016)
Staff Psychologist
B.A., Hanover College, 1992
M.A., Ball State University. 1995
Ph.D., University of Memphis, 1999

DIVISION OF STUDENT SUCCESS AND ENGAGEMENT

Ruth Rodgers (2005)
Vice President and Dean of Students
B.A., Virginia Polytechnic Institute and State University, 1980
M.Ed., Auburn University, 1982

Robin Spearin (2013)
Student Affairs Specialist
B.S., Michigan State University, 1987

EVANS CENTER STUDENT AFFAIRS

Kaylee Hofmeister (2013)
Coordinator of Student Activities and Wellness
B.S., Saint Joseph's College, 2009
M.Ed., American College of Education, 2017

Michael J. Koluch (2016)
Graduate Learning Support Specialist
B.A., Walsh University, 2001
M.A., Ball State University, 2003

Rachel Loebker (2016)
Admission/Student Services Administrative Assistant
B.S., Indiana State University, 2014

Christopher P. Parr (2016)
Director of Graduate Medical Education Advising and Applications
A.A., Kilgore College, 1998
B.A., Texas State University, 2002

Clinton L. Whitson (2013)
Assistant Dean of Student Affairs
B.S., Franklin College, 2005
M.S., Indiana State University, 2007

THE EXCHANGE (Career Development and Experiential Learning)

Debra Burks (2008)
Data Specialist
A.B.A., Marian University, 2015

Lauren Kolkmeier
Career Development Specialist (2015)
B.S., Northern Kentucky University, 2013
M.Ed., Indiana University, 2017

Jenny Morris '05 (2009)
Director of Career Development
B.S., Marian University, 2005
M.Ed., Indiana University, 2015

Hannah Swogger '12 (2014)
Program Coordinator
B.A., Marian University, 2012
M.S., University of Indianapolis, 2015

Ellen J. Whitt (2014)
Executive Director
B.A., Augustana College, 1984
J.D., George Washington University National Law Center, 1988

FINANCIAL AID

Chad Bir (1996)
Director of Financial Aid
B.A., Franklin College, 1993

Kim Marks, '85 (2016)
Administrative Assistant
B.S., Marian College, 1985

Melissa Spratt (2016)
Assistant Director of Adult and Second Degree Programs
B.S., Eckerd College, 1999
M.Ed., University of South Florida, 2004

Brenda Wade (2010)
Assistant Director, Student Loans and Counseling
B.S., University of Indianapolis, 2009

Monique Ware '09 (2008)
Associate Director of Financial Aid
B.S., Marian College, 2009
M.S.M., Indiana Wesleyan University, 2013

HEALTH SERVICES

Elizabeth L. Brown, FNP-C (2017)
Staff Nurse Practitioner
B.S.N, Otterbein University, 1995
M.S.N, I.U.P.U.I., 2011

Jan M. Carnaghi, FNP-BC '99 (2008)
Director of Health Services
B.A., Miami of Ohio, 1985
B.S.N, Marian College, 1999
M.S.N., University of Indianapolis, 2002

HOUSING AND RESIDENCE LIFE

Jennifer Azevedo (2016)
Resident Director, Doyle Hall
B.A., University of Delaware, 2016

Heather Bisher (2013)
Director of Housing and Residence Life
B.S., University of Evansville, 2002
M.A.E., University of Northern Iowa, 2004

Karen Candlish '12 (2015)
Assistant Director of Housing and Residence Life
B.A., Marian University, 2012
M.S.Ed., Indiana University, 2014

Carly Traynor (2017)
Resident Director, Drew and University Halls
B.A., Miami University, 2017

Luke Williams (2016)
Resident Director, Clare Hall
B.S., University of Southern Indiana, 2016

HUMAN RESOURCES

Amy Brown (2016)
Payroll Clerk/Administrative Coordinator

Kim Pohlman (2016)
Executive Director of Human Resources
M.A. Bowling Green State University
B.A. Bowling Green State University

Ticia Reynolds '17 (2013)
Human Resources Specialist
A.S., Ivy Tech Community College, 2006
B.B.A., Marian University, 2017

Nicole Williams-Molin (2017)
Payroll Manager

INSTITUTIONAL ADVANCEMENT AND ALUMNI

John Finke (2002)
Vice President for Institutional Advancement
B.S., University of Connecticut, 1990
M.S., St. Thomas University, 1994

Kristie Johnson (2012)
Director, Grants Management
A.A., Edison Community College, 1996
B.A., Florida State University, 1999
M.A., Clark University, 2006

Deena Keasey (2013)
Director of Advancement Operations

Jennifer Mahern (2015)
Administrative Assistant
B.A., University of Virginia, 1992
B.A., IUPUI, 1998

Ken Scheer '84 (2008)
Director, Rebuild My Church Outreach
B.A., Marian College, 1984

Margie Stout (2013)
Gift Officer
Associate's Degree, Katharine Gibbs Business School, 1973

Gaylene Watt
Gift Entry Services Specialist

LIBRARY

Caitlin Balgeman (2016)
Digital Systems & Support Associate
B.A., Valparaiso University, 2015
M.L.S., Indiana University, 2017

Chris Bishop (2013)
Health Sciences Librarian
B.S., Ball State University, 1998
M.L.S., Indiana University, 2004

Lynné Colbert (2012)
Acquisitions Librarian
B.A., Ball State, 2001
M.L.S., Indiana University, 2009

Michelle Graff (2016)
Access Services Associate
B.A., Indiana University, 2013
M.L.S., Dominican University, 2016

Edward Mandity (2007)
Assistant Director, Information & Instructional Technology Librarian
B.A., Carroll College, 1999
M.A., Indiana University, 2003
M.L.S., Indiana University, 2007

MARIAN'S ADULT PROGRAMS

Amy Bennett (2001)
Executive Director
B.A., Bradley University, 1981

Helen Buckley (2005)
Office Coordinator
B.S., Iowa State University, 2000

Tennille Culp (2011)
Advisor
B.L.S., Purdue University, 2006

Elizabeth Griffith (2015)
Marketing and Enrollment Coordinator
B.F.A, Ball State University, 1998

Kyle Hattenburg (2015)
Director of Enrollment
B.A., Harding University, 2003

Lesley Neff (2008)
Director of Educational Services
B.A., Purdue University, 1999
M.A., Butler University, 2005

Sandra Richard (2010)
Administrative Assistant

Karen Sloan (2016)
Advisor
B.B.A., Marian University, 2009

Lynn Wybiral (2005)
Advisor
Keystone Site Coordinator
B.A., Indiana University, 1999

MARKETING COMMUNICATIONS

Mark Apple (2013)
Vice President for Marketing Communications
B.A., Indiana University, 1990

Katie Bradley (2012)
Writer/Editor
B.A., Indiana University, 2010

Robin Buschner (2000)
Director of Creative Services

Jacqueline Crone (2014)
Executive Administrative Assistant
B.A., Purdue University, 1989

Julia Kelb (2016)
Writer/Editor
B.A., Marian University, 2016

Maggie Kucik (2013)
Manager, Event Marketing and Sponsorships
B.A., Indiana University, 2005

Jason LaPaglia (2017)
Manager of Digital Marketing
B.A., University of St. Thomas, 2012
M.B.A., Indiana Wesleyan University, 2015

Peter Matsoukas (2013)
Multimedia Production Specialist
B.A., University of Wisconsin-Madison, 1999
M.S., DePaul University, 2011

Susan Sullivan (2016)
Director of Enrollment Marketing
B.A., Purdue University, 1993

Ed Ventura (2016)
Web Developer/Designer
B.A., San Diego State University, 1995
M.S., National University, 2010

MISSION EFFECTIVENESS

Sister Jean Marie Cleveland, OSF '64 (2006)
Vice President for Mission Effectiveness
B.A., Marian College, 1964
M.A., Purdue University, 1971
M.P.S., Loyola University of Chicago, 1988

Sister Norma Rocklage, OSF '60 (1989)
Executive Director, Education Formation Outreach
B.A., Marian College, 1960
M.A., St. Louis University, 1963
Ph.D., St. Louis University, 1965

PRESIDENT

Daniel J. Elsener
President
(See Executive Officers)

Cyndi Kamp (2006)
Executive Assistant to the President

Deborah Lawrence (2002)
Vice President for Administration and General Counsel
B.A., DePauw University, 1984
J.D., The Columbus School of Law of The Catholic University of America, 1987

Cathy Siler '86 (2013)
Director of Alumni and Parent Engagement
B.A., Marian College, 1986
M.B.A., Indiana University, 1994

PROVOST

Thomas J. Enneking
Executive Vice President and Provost
(See Executive Officers)

William B. Harting (2000)
Assistant Provost for Accreditation and Administration
B.A., DePauw University, 1988
M.S., University of Kentucky, 1991

Brooke Kile (2015)
Institutional Research Data Specialist
B.A., Butler University, 2004
M.S., University of St. Francis, 2011

Julie Majors (2017)
Administrative Assistant

Saib Othman (2016)
Associate Provost
B.Sc., U.A.E University, 1988
M.S. University of Iowa, 1994
Ph.D. University of Iowa, 1996

Dale Selbe (2000)
Executive Assistant to Provost

REGISTRAR

Maryann Bonner (2001)
Associate Registrar
B.S., University of Illinois, 1988
M.Ed., University of Illinois, 1998

Samantha Eble '17 (2017)
Administrative Assistant
B.A., Marian University, 2016

Mariah L. Mueller (2005)
Assistant Registrar
B.S., Manchester College, 2004

Jennifer Schwartz (2003)
Registrar
B.A., Millikin University, 2003
M.S., Indiana State University, 2008

Livia Scott (2012)
Assistant Registrar
B.S., Indiana State University, 1996
M.S., Indiana State University, 2003

Hanna Varys (2015)
Assistant Registrar
B.S., Trine University, 2009

SAN DAMIANO SCHOLARS PROGRAM FOR CHURCH LEADERSHIP

Mark Erdosy (2003)
Executive Director, "Rebuild My Church"
Director of San Damiano Scholars
B.A., Indiana University, 1988
M.T.S., Saint Meinrad School of Theology, 1995

Donna Proctor (1992)
Assistant Professor of Theology
Coordinator for Curricular Components
(See College of Arts and Sciences)

Ken Scheer '84 (2008)
Director, Rebuild My Church Outreach
(See Institutional Advancement)

John E. Shelton (1986)
Campus Minister, Spiritual Formation
(See Campus Ministry)

Patrick Verhiley '07 (2014)
Director for Recruiting and Marketing
San Damiano Scholars
B.A. Marian University, 2007

BYRUM SCHOOL OF BUSINESS

Michael Crawford (2009)
Assistant Professor of Management
B.A., University of Wisconsin, 1989
M.A., University of Wisconsin, 1990

Thomas Gjerde (2011)
Assistant Dean, Byrum School of Business
B.A., Buena Vista University, 1982
M.A., University of Minnesota, Mankato, 1991
Ph.D., Purdue University, 1995

Bruce C. Gonyea (2015)
Assistant Professor of Management
B.S., Christian Brothers University, 1989
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Joel Hall (2014)
Assistant Professor of Marketing
B.S., Purdue University, 1985
M.B.A., Indiana Wesleyan University, 1997

Anni Hine (2011)
Administrative Assistant
B.A., Indiana State University, 1990

Kevin E. Huston (1989)
Associate Professor of Accounting and Finance
B.B.A., University of Notre Dame, 1977
M.B.A., Indiana University, 1984
J.D., Duke University, 1980
CPA, 1986

Russell Kershaw (2010)
Dean, Byrum School of Business
B.S., Bentley College, 1978
M.B.A., Babson College, 1989
Ph.D., University of South Carolina, 1996

Jennifer LeSure (2016)
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B.S., IUPUI, 1986
M.B.A., Indiana Wesleyan University, 1999
Ed.D, Ball State University, 2014
CPA

Kathy S. Marra (2007)
Assistant Professor of Human Resources
B.S., Indiana University, August 1976
M.A., Ball State University, August 1997
M.B.A, Western Governors University, June 2015
SPHR, 2001, SHRM-SCP, 2015

James A. Polito (2008)
Associate Professor of Finance and Economic Analysis
B.A., Rutgers University, 1984
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Ph.D., Rutgers University, 1990

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Assistant Professor of Marketing
B.S., Ball State University, 1983
M.B.A., Indiana University, 1989

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B.S., University of Southern Indiana, 1976
M.B.A., University of Evansville, 1980
Ph.D., Indiana State University, 2016

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Assistant Professor of Business and Management Information Systems
B.S., Purdue University, 1984
M.B.A., Butler University, 1989

EDUCATORS COLLEGE

Greg Albright (2016)
Coordinator of Marketing and Communication
B.A., John Herron School of Art and Design, 1986

Susan Beesley (1987)
Professor of Education
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Director of External Affairs
Indiana State Representative
B.S., Indiana University, 1976

Ken Britt (2013)
Vice President for Teaching and Learning Excellence
Dean, Educators College
B.A., West Liberty State University, 2002
M.A., Marshall University, 2006
Ph.D., The Catholic University of America, 2011

Cathi Cornelius (2001)
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B.S., Oklahoma State University, 1988
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Ed.D., Oklahoma State University, 1999

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B.S., University of Wisconsin-Stevens Point, 1989

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B.S., Tennessee State University, 1969
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B.A., Missouri Valley College, 1986
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COLLEGE OF ARTS AND SCIENCES

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Director, The Richard G. Lugar Franciscan Center for Global Studies
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Lecturer of Philosophy
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M.Ed., Holy Family University, 2010
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B.A., University Charles V. Paris 7th, 1982
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Professor of Psychology
B.S., North Dakota State University, 1981
M.A., University of Colorado-Boulder, 1984
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Associate Professor of Theology
B.A., Florida International University, 1987
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M.Div., The Catholic University of America, 1993
M.A., University of Notre Dame, 1995
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B.A., Purdue University, 2000
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S.T.L., Gregorian University, 1976

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Assistant Professor of Music
Assistant Director of Bands
B.A., Indiana State University, 1981
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B. A., University of Northern Texas, 2003
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B.A., University of Arkansas at Little Rock, 2003
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A.B., Assumption Seminary and College, 1961
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Assistant Professor of Communication
B.S., Ball State University, 2002
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Professor of Psychology
B.A., Hampton-Sydney College, 1991
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B.S., Bradley University, 1993
M.Div., Princeton Theological Seminary, 1996
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Chairperson, Department of Music
Director of Humanities Program
Professor of Music
B.A., Marian College, 1979
M.M., Butler University, 1986
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Mark Latta (2009)
Director of Writing Center
B.A., Indiana University, 2004
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Assistant Professor of Psychology
B.S., Northern Kentucky University, 2006
M.S., University of Central Florida, 2012
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Professor of Chemistry
B.S., Marian College, 1997
Ph.D., Purdue University, 2003

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B.Sc., University of Glasgow, 1986
Ph.D., University of Glasgow, 1990

William A. Mirola (1995)
Dean, College of Arts and Sciences
Professor of Sociology
B.A., Houghton College, 1985
M.A., Indiana University, 1990
Ph.D., Indiana University, 1995

Branden Neese (2014)
Assistant Professor of Mathematics
B.A., University of California, Santa Barbara 2008
M.A., University of Southern California, 2011
Ph.D., University of Indiana, 2014

Amber Nelson (2012)
Assistant Professor of Sociology
B.A., University of Nebraska, 2001
M.A., University of Maryland, 2007
Ph.D., University of Maryland, 2012

James H. Norton III (1999)
Chairperson, Department of English
Director of the Honors Academy
Professor of English
B.S., Asbury College, 1979
M.A., University of Kentucky, 1982
Ph.D., Indiana University, 1994

Ed Pitzer (2009)
Instructor of Chemistry
US Naval Nuclear Power School, Bainbridge MD, 1972
B.S., Wright State University, 1988
M.S., Wright State University, 2006

Diane Prenatt (1995)
Professor of English
B.A., Indiana University, 1974
M.A., Indiana University, 1981
Ph.D., Indiana University, 1988

Donna Proctor (1992)
Assistant Professor of Theology
B.A., Marquette University, 1980
M.A., Marquette University, 1982

Mark Reasoner (2010)
Professor of Theology
B.A., Bethel College, 1982
M.Div., Trinity Evangelical Divinity School, 1985
M.A., Trinity Evangelical Divinity School, 1985
Ph.D., The University of Chicago, 1990

Catherine Anne Reaves (1991)
Associate Professor of English
B.A., Southern Methodist University, 1972
M.A., University of Wisconsin, 1974
Ph.D., University of Texas, 1989

Bessie Rigakos (2010)
Chairperson, Department of History and Social Science
Assistant Professor of Sociology
B.B., University of Windsor, Canada, 1999
M.A., Wayne State University, 2004
Ph.D., Wayne State University, 2010

David Rusbasan '00 (2007)
Associate Professor of Psychology
B.A., Marian College, 2000
M.A., University of Connecticut, 2004
Ph.D., University of Connecticut, 2010

Kevin R. Rudynski (2015)
Chairperson, Department of Visual and Creative Arts
Associate Professor of Fine Arts
A.A., Ivy Tech State College, 1984
B.A., Indiana University, 1981
M.F.A., University of Illinois, 1983

Sr. Margaret Schreiber (2016)
Associate Professor of Theology
Director of Graduate Studies in Theology
B.A., University of St. Ambrose, 1977
M.P.S., Loyola University Institute of Pastoral Studies, 1986
STL, The Catholic University of America, 2000
D.Min., University of St. Thomas, 2002
STD, The Catholic University of America, 2009

Matthew Sherman (2013)
Chairperson, Department of Theology and Philosophy
Assistant Professor of Theology
A.B., Brown University, 2003
M.T.S., Harvard Divinity School, 2005
Ph.D., Boston College, 2012

Karen Spear (2008)
Director, Center for Organizational Ethics
Associate Professor of Philosophy
B.A., Kenyon College, 1978
M.A., The Catholic University of America, 1984
Ph.D., Vanderbilt University, 1994

Kristopher D. Steege (1998)
Assistant Professor of Theatre
Technical Director for Theatre Activities
B.A., South Dakota State University, 1995
M.F.A., University of Wisconsin, 1998

Benjamin Tebbe '99 (2012)
Assistant Professor of Theatre
Director of Marian University Theatre
B.A., Marian University, 1999

Lynn Thomas (2011)
Instructor of Physics
B.S., US Naval Academy 1983
M.S., University of Michigan 1992
Diploma, US Naval War College, 2006

Wendy Vergoz (2007)
Assistant Professor of English
B.A., Wheaton College, 1988
M.S., Northwestern University, 1990

Crystal Vicars-Pugh (2014)
Assistant Professor of Fine Arts
B.F.A., Indiana State University, 2003
M.F.A., Indiana State University, 2009

Kimberly Vogt (2012)
Chairperson, Department of Biology
Assistant Professor of Biology
B.S., Northern Illinois University, 2002
Ph.D., Northern Illinois University, 2010

Wendy Westphal (2012)
Chairperson, Department of Languages and Cultures
Assistant Professor of German
B.A., Lafayette College, 1995
M.A., Universitat Konstanz, 1999
Ph.D., Indiana University, 2010

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Assistant Director of Writing Center
B.A., Marian University, 2011

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Assistant Professor of Biology
B.S., University of South Dakota, 2003
Ph.D., Purdue University, 2009

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Assistant Professor of Counseling
B.A., Cornell University, 2002
M.ILR., Cornell University, 2006
M.A., Michigan State University, 2012
Ph.D., Michigan State University, 2016

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Assistant Professor of Mathematics
B.S., Pusan National University, 1997
M.A., SUNY Stony Brook, 2005
Ph.D., University of Toronto, 2012

Anna G. Zimmerman (2014)
Assistant Professor of Communication
Director of Speaking Center
B.A., Berry College, 2008
M.A., University of West Florida, 2011
Ph.D., Wayne State University, 2015

Sister Monica Zore, OSF '70 (1983)
Chairperson, Department of Mathematics
Assistant Professor of Mathematics
B.A., Marian College, 1970
M.A., Butler University, 1978

DEPARTMENT OF EXERCISE AND SPORT SCIENCE

Loren A. Bertocci (2007)
Director, Program in Exercise and Sport Science
Professor of Biochemistry
A.B., Stanford University, 1980
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Brett Cope (1991)
Assistant Professor of Exercise and Sport Science
Head Coach: Women's Golf
B.S., Indiana University, 1982
M.S., Indiana University, 1984

Monica Teegardin (2012)
Assistant Professor for Exercise and Sport Science
B.S., University of Indianapolis, 2010
M.S., Ball State University, 2012

LEIGHTON SCHOOL OF NURSING

Jean Bandos, MSN, RN (2011)
Director of Online Programs
A.S.N., Western Kentucky University, 1971
B.S., College of St. Francis, 1991
M.S.N., Indiana University, 1998

Barbara Blackford, MSN, RN, CNE (2000)
Assistant Professor of Nursing
B.S.N., University of Indianapolis, 1998
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Chris Burns, MSN, FNP-C (2012)
Assistant Professor of Nursing
A.S.N., Indiana State University, 1997
B.A., Indiana State University
M.S.N., Indiana University, 2003
Family Nurse Practitioner, 2003

Jill Cardwell, MSN, RN (2013)
A.A.S., Purdue University, 1983
B.S.N., Purdue University, 1985
M.S., University of Michigan, 1993

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Assistant Professor of Nursing
B.S.N. University of Indianapolis, 2000
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B.S., North Carolina State University, 2003
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B.S., Bob Jones University, 1978
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Dean
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B.S.N, University of Miami, 1988
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Ph.D., University of Michigan 2016
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B.S.N., Northern Michigan University 2007
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B.A., Michigan State University, 1995
C.P.N, Case Western Reserve University, 2005
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B.S.N., Indiana University, 1986
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STUDENT ACTIVITIES AND ORIENTATION

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B.S., Texas Woman's University, 2015
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TECHNOLOGY

John Armitage (2012)
Director of Application Architecture - DBA
Marine Corps Computer Science School,
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IT Helpdesk Technician

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Database Administrator
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Manager of Information Technology Operations
A.A., Indiana Business College, 2003
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Manager of Infrastructure
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B.S., Ball State University, 1992
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