MARIAN UNIVERSITY

Course Catalog • 2011-2013
Fall 2011 Edition
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VISION STATEMENT
Provide an education that profoundly transforms lives, society, and 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.

For more information, contact:

Office of Admission
Marian University
3200 Cold Spring Road
Indianapolis, IN 46222-1997
Telephone: 317.955.6300
800.772.7264
Fax: 317.955.6401
E-Mail: admissions@marian.edu
Web site: www.marian.edu

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.

CO-EDITORS
William B. Harting
Dean of Academic Affairs
Terry DeBruhl
Administrative Assistant,
Academic Affairs
Mariah Mueller
Assistant Registrar

University Calendar 2011-2012

FIRST SEMESTER • FALL 2011

Registration	Aug. 18
Residence halls open for upperclassmen	Aug. 21
Classes begin at 8 a.m.	Aug. 22
Late registration	Aug. 22-26
Last day to add a course, change from/to audit	Aug. 26
Labor Day: university closed	Sept. 5
Close pass/fail option	Sept. 23
Spring and summer 2011 incomplete grades due	Sept. 30
Mid-term date	Oct. 14
Mid-term recess: no classes	Oct. 15-18
Last day to withdraw from a class	Oct. 28
Advance registration for spring semester	Oct. 31-Nov. 11
Holy Day: Feast of All Saints	Nov. 1
Thanksgiving recess: no Wednesday classes	Nov. 23
Thanksgiving recess: university closed	Nov. 24-27
Senior comprehensive exam results due (Dec. 2011 grads)	Nov. 28
May 2012 graduation candidates: last day to file application	Dec. 1
Marian University's patronal feast: Immaculate Conception.	Dec. 8
Reading day: no classes	Dec. 9
Final examinations	Dec. 12-17
Fall graduation date (no ceremony)	Dec. 31

SECOND SEMESTER • SPRING 2012

Registration	Jan. 5
Residence halls open	Jan. 8
Classes begin at 8 a.m.	Jan. 9
Late registration	Jan. 9-13
Last day to add a course or change from/to audit	Jan. 13
Martin Luther King, Jr. Day: university closed	Jan. 16
Close pass/fail option	Feb. 10
Fall 2011 incomplete grades due	Feb. 17
Mid-term date	Mar. 2
Mid-term recess: no classes	Mar. 3-11
Last day to withdraw from a class	Mar. 16
Advance registration for fall semester	Mar. 19-30
Holy Thursday: no evening classes (6:30 p.m. and later)	Apr. 5
Good Friday: university closed	Apr. 6
Senior comprehensive exam results due	Apr. 16
Academic Honors Day: no classes	Apr. 27
Final examinations	April 30 – May 5
Graduation day	May 5

THIRD SEMESTER • SUMMER 2012

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

University Calendar 2012-2013

FIRST SEMESTER • FALL 2012

Registration	Aug. 16
Residence halls open for upperclassmen	Aug. 19
Classes begin at 8 a.m.	Aug. 20
Late registration	Aug. 20-24
Last day to add a course or change from/to audit	Aug. 24
Labor Day: university closed	Sept. 3
Close pass/fail option	Sept. 21
Spring and summer 2012 incomplete grades due	Sept. 28
Mid-term date	Oct. 12
Mid-term recess: no classes	Oct. 13-16
Last day to withdraw from a class	Oct. 26
Advance registration for spring semester	Oct. 29-Nov. 9
Holy day: Feast of All Saints	Nov. 1
Thanksgiving recess: no Wednesday classes	Nov. 21
Thanksgiving recess: university closed	Nov. 22-25
Senior comprehensive exam results due (Dec. 2012 grads).	Nov. 26
May 2013 graduation candidates: last day to file application	Dec. 1
Reading Day: no classes	Dec. 7
Marian University's patronal feast: Immaculate Conception.	Dec. 8
Final examinations	Dec. 10-15
Fall graduation date (no ceremony)	Dec. 31

SECOND SEMESTER • SPRING 2013

Registration	Jan. 10
Residence halls open	Jan. 13
Classes begin at 8 a.m.	Jan. 14
Late registration	Jan. 14-18
Last day to add a course or change from/to audit	Jan. 18
Martin Luther King, Jr. Day: university closed	Jan. 21
Close pass/fail option	Feb. 15
Fall 2012 incomplete grades due	Feb. 22
Mid-term date	Mar. 8
Mid-term recess: no classes	Mar. 9-17
Last day to withdraw from a class	Mar. 22
Advance registration for fall semester	Mar. 25-Apr. 5
Holy Thursday: no evening classes (6:30 p.m. and later)	Mar. 28
Good Friday: university closed	Mar. 29
Senior comprehensive exam results due	Apr. 22
Academic Honors Day: no classes	May 3
Final examinations	May 6-11
Graduation day	May 11

THIRD SEMESTER • SUMMER 2013

Summer semester begins	May 13
Memorial Day observed: university closed	May 27
Independence Day: university closed	July 4
Summer semester ends	Aug. 17
Summer graduation date (no ceremony)	Aug. 19

The University

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

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

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 a master of arts in teaching degree. 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 improvements

Accreditation
Marian University is accredited by The Higher Learning Commission, a commission of the North Central Association of Colleges and Schools; the National Council for Accreditation of Teacher Education, 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), the new residence hall, University Hall (2008), the new Campus Operations Building (2008) and the new Marian University multi-purpose field (2008-2009).

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 Life Science Education Center at Marian University.

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 114 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 55-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 House** – Used for many years as the Office of Admission, and recently as the Indianapolis Civic Theater offices, the small house is now dedicated as the David B. Haire Welcome Center and Alumni House.

- **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 office of the Dean of the School of Liberal Arts; the Writing Center; and faculty offices for professors of English, communication, and modern languages. The first floor of this building houses the campus cafeteria, the Learning and Counseling Center, Office of Campus Ministry, Office of Mission Effectiveness, "Rebuild My Church" and San Damiano Scholars, Office of Internships and Career Services, three 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.

- **Fisher Hall** – In 1909, Carl Fisher purchased a home on Cold Spring Road, enlarged it, and added several buildings to the property to create the estate known as Blossom Heath. Park School for Boys purchased the property in 1923 and transformed the buildings into classroom space. The property was purchased by Marian College in 1968; today the building that was the former mansion contains the visual art and theatre departments and faculty offices, the Peine Arena Theatre, classroom facilities, and Fisher Hall Art Gallery.

- **Health Services** – This building was the caretaker's cottage for the Wheeler-Stokely estate; it houses Health Services, staffed by a nurse practitioner.

- **Marian University Cycling Center** – The indoor cycling training facility opened in the spring of 2007 and is the training ground for eleven-time national champions, the 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 the main 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 offices of the Deans of the School of Education and the School of Mathematics and Sciences and houses faculty offices for education, history, social sciences, natural and behavioral science, and the Honors Program.

- **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, coffee bar, and a 220-seat auditorium. The campus bookstore and the Life Science Education Center at Marian University are also located here.

- **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), racquetball courts, a weight room, physical assessment lab, and classrooms as well as offices for physical education faculty. 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. The second floor houses the offices of student affairs, student activities, student housing, and student government.

- **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. Phase I additions included multiple Wenger practice rooms; a large rehearsal hall; large instrument, percussion, and

uniform storage rooms; and instrument repair station.

- **St. Francis Hall** – Built in 1967 as a residence for the members of the Sisters of Saint Francis, Oldenburg who taught 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 School of Nursing, School of Business, theology and philosophy department offices, and the St. Francis Chapel. The Bishop Simon Bruté College Seminary was originally located in St. Francis Hall but moved in 2008 to the Carmelite monastery.

- **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 caretaker's cottage is now the Health Services Building and 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.

- **University Hall** – The newest residence for students, University Hall opened in the fall of 2008. 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.

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. The Schools of Nursing and Education, 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. Request an application for admission by writing or calling the Office of Admission, Marian University, 3200 Cold Spring Road, Indianapolis, Indiana 46222-1997; 317.955.6300 or 800.772.7264. Applications may also be submitted online at www.marian.edu.
2. Mail completed application for admission along with a $35 application fee to the Office of Admission. The application fee is non-refundable. Submit official copies of all high school transcripts and all transcripts of all colleges and universities previously attended. These 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.
3. 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 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 and Financial Aid Committee for consideration. The Admission and Financial Aid 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/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; six credits toward the 64 credits required for the associate 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). The scores should be sent to the Office of Admission for evaluation. Completion of the GED 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 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 (minimum cumulative GPA 2.00/4.00) at their previous institution are eligible for immediate transfer. Transfer students must present official transcripts of all college and university records.

1. The Admission and Financial Aid Committee must review the applications of students below an accumulative GPA of 2.00/4.00. 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 July 1. For those seeking to enroll in the spring semester, the process must be completed prior to December 1.
b) An official translated copy of all high school work completed. Only official copies that are translated in English will be considered. A transcript of university work should also be submitted if the student is transferring from an American university or university.
c) Demonstrated proficiency in the English language. The English language requirement of the university will be met when the applicant has submitted proof of a score of 550 or better on the paper-based TOEFL, 213 or better on the computer-based TOEFL, 79/80 on the internet-based test, or successfully completed Level 109 at an ELS Language Center. Both types of criteria are subject to review by the Office of Admission.
d) An affidavit of support indicating the source and amount of financial responsibility for all expenses within the United States.
e) A $35 application fee at the time of application.

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 payment for the first year's costs, including tuition, room, and board.
b) After payment has been received, the university will issue an I-20 form to the student, so that he/she may apply and obtain a student visa.
c) Students are required to be covered by a health insurance plan with medical evacuation and repatriation benefits throughout their enrollment at Marian University. The preferred plan is offered by the university.

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 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 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 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 and Financial Aid 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 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 and will automatically be enrolled in a monthly TMS payment plan for the semester. The fee for this service will be charged to the student account. If monthly payments are not made to the payment plan on scheduled due dates, Tuition Management Services, Inc. will assess a late payment fee.

Student accounts must be paid in full in order for students to enroll in 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 will be forwarded to an outside billing service for installment billing. At the time the account is sent for installment billing, the account will be assessed interest at the rate of 5 percent annually. If regular payment on a student account fails to occur during the monthly billing process, the student account will be forwarded to a collection agency. 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.

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.

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
Refunds of student account overpayments will be made one business day following the published date of the last day to add a course in a given semester. All refund checks are mailed to the student's permanent address of record.

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 at 800.834.5494 or 317.955.6040.
E-mail: 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 www.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 www.fafsa.ed.gov and add the Title I School Code 001821.

This information will be used to determine eligibility for all federal and state aid. The FAFSA application must be received before **March 10** 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 March 10 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. All scholarships are renewed automatically, as long as the student remains in good academic standing and maintains a 3.00 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.

St. Mary National Honors Scholarships, full tuition

- Competitive with personal interview and essay
- Minimum 3.75 cumulative grade point average, ACT 27 or SAT 1200
- Deadline for consideration: December 31

St. Francis Academic Scholarship, half tuition
- Competitive with personal interview and essay
- Minimum 3.50 cumulative grade point average, ACT 25 or SAT 2260
- Deadline for consideration: December 31

St. Clare Academic Scholarship, up to half tuition
- Freshmen: minimum 3.25 cumulative grade point average, ACT 24 or SAT 1100
- Transfers: minimum 3.00 cumulative grade point average

Dean's Academic Scholarship, up to $5,000
- Minimum 3.25 cumulative grade point average, ACT 24 or SAT 1100

San Damiano Scholarship, up to $11,000
- Demonstrated academic performance
- Church or religious involvement
- Post-graduate church-related employment and volunteer service
- Deadline for application: December 1

Bishop Bruté Scholarship, up to $9,000
- Residence in the Bishop Simon Bruté College Seminary required

James A. Allison Fellowship, up to $6,000
- Competitive with an interest in entrepreneurship
- Deadline for consideration: December 31

Lugar Fellow Global Studies Scholarship, up to $6,000
- Competitive with an interest in global issues
- Deadline for consideration: December 31

Athletic Award, up to full tuition
- Competitive. Selection based on athletic eligibility and potential contribution to team. Recommendation of coach required.

Fine Arts Talent Scholarships, up to $6,000
- Made by academic department
- Competitive
- Deadline for application: December 31

Fine Arts Talent Award for Music, up to $6,000
- Competitive. Selection based on audition and talent and potential contribution to the music program.

Fine Arts Talent Award for Marching Band Performance, amount varies
- Competitive. Selection based on audition and talent and potential contribution to the marching band.

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.

Faith and Forensics Award, up to $5,000
- Competitive. Selection based on talent and potential contribution to the Marian University Speech Team.
- Deadline for consideration: December 31

21st Century Scholars, 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 March 10 and meet Indiana state requirements for the program
- Renewable for three additional years for students in good social and academic standing.
- Deadline for consideration: December 31

Diocesan Employee Family Grant, up to half tuition
- Employment Verification Form
- Requires completion of the Diocesan Employee 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 March 10

Marian University Housing Grant, amount based upon financial need
- Must complete and file the Free Application for Federal Student Aid (FAFSA) by March 10
- Must live in campus housing

Lilly Endowment Community Scholars
- $7,500 housing grant for full-tuition scholars who live in campus housing

Endowed Scholarships
Due to generous donor gifts, Marian University is able to offer over 100 different endowed scholarships. The Office of Financial Aid awards most of these scholarships. There are also endowed scholarships that are awarded by departments such as accounting/finance/business, art, English, performing and visual arts, and education. Contact your departmental advisor to determine your eligibility to receive this assistance.

State of Indiana Grants and Scholarships
- Higher Education Award: A program administered by the State Student Assistance Commission of Indiana for students who show financial need.

- Freedom of Choice: 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.

- Minority and Special Education Teacher Scholarship: A program administered by the State of Indiana to help reduce the critical shortage of African American, Hispanic, and special education teachers in Indiana schools. Please contact the Marian University Office of Financial Aid.

- 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 March 10 for every subsequent academic year.

- Indiana State Nursing Scholarship: A student must be formally admitted into the nursing program and must be an Indiana resident, agree to work in an Indiana health care facility for at least two years after graduation, demonstrate financial need, and maintain satisfactory academic progress.

The requirements for receiving the Higher Education and Freedom of Choice awards are: (1) the filing of a FAFSA before March 10, (2) demonstrating need, (3) attending an Indiana university or university, and (4) being an Indiana resident by January 1 preceding the award year. 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.

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 offered is dependent on the financial need of the student and other sources of financial aid available. Repayment of the Perkins 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 undergraduate or independent undergraduate
- 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.

Student Affairs

Orientation
New student placement testing, advising, and registration take place throughout the spring and summer at Student Orientation and Registration (SOAR) for incoming freshmen; in the summer and in January at ADVANCE for non-nursing transfer students; and throughout the year at Nursing Focus Days for transfer students entering the nursing program. All new students are required to attend one orientation session prior to the first day of classes. At this orientation, students will schedule for classes; receive their student identification card, e-mail log-in, various publications and financial information; and be introduced to campus facilities and services.

Residence Halls and Food Service
Living on campus is a great way for students to truly experience the joys of "university life." The university views a resident's experience in group living as complementing the educational process with opportunities for learning to live and work with others of varying ages, cultural backgrounds, and interests. Halls are staffed by professional resident directors and upper class resident assistants. All students are encouraged to participate in residence hall programming and activities.

Students who have attained their 21st birthday on or before August 31 may request a housing policy waiver from the Office of Student Affairs.

Students with dependents and/or veterans who have served at least two years active duty in the armed forces may live in housing of their choosing.

Room and board contracts provide residents double room accommodations and meals, exclusive of vacation periods. Students may select from various food service options: providing 19, 15, or 10 meals weekly. Each plan includes Knight Bucks. Note: First year students are not eligible for the 10 meals per week plan or a single room contract.

Residence hall rooms include two single beds, desks, and dressers. Students must supply their own blankets, pillows, bed and bath linens, and in Clare Hall, lamps and draperies. Telephone service in Clare Hall and Doyle Hall includes voice mail and a full range of other features. For students who bring computers to campus, each room is also equipped with one data port per student permitting access to the campus-wide local area network and the Internet. Wireless access is provided in all residential living units, the library, and the student center. It is the student's responsibility to ensure that the computer is equipped with an appropriate network card. All rooms are equipped for access to basic cable television channels.

On-campus housing units include Clare Hall, Doyle Hall, University Hall, campus apartments, and campus houses. A variety of room options exist for students including: double rooms, single rooms, and suite style with semi-private bathroom facilities within the halls.

Services available to resident students include laundry facilities, lounge and reception areas, study lounges, recreational facilities, meeting rooms, and a 24-hour computer lab in each residence hall.

University apartments and houses are available to any full-time student who is 21 years old or over. The all-electric apartments are furnished with bedroom furniture and all kitchen and laundry appliances. Additional furnishings are the responsibility of the students. The houses vary by location, but all include kitchen and laundry appliances.

Academic Support Services
As an integral component of the Learning and Counseling Center (LCC), the Academic Support Services Program supports all Marian University students in their quest for academic success. Individual consultation and group workshops are available to assist students who desire additional academic support. Students may seek academic support services for a variety of reasons, including poor academic performance, difficulties with time management and organization, help with study and test-taking strategies, test anxiety, etc. All academic support services are free of charge to current Marian University students.

The Academic Support Services Program oversees the Peer Tutoring Program. Students who want added support in their courses may request a tutor at the Learning and Counseling Center. Tutors are usually available for most 100 and 200 level classes and many upper division classes.

Additionally, students with disabilities may arrange for accommodations through the Academic Support Services Program. Students 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.

The Academic Support Services Program administers all placement testing at Marian University (see Assessment and Placement). On an individual level, the program can use screening tools to determine academic functioning and learning style 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. For more information on the Learning and Counseling Center, see Academic Services.

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 the Learning and Counseling Center, the Office of Student Activities, peer tutor program, the Office of Financial Aid, the Writing Center, and the Office of Internships and Career Services.

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, volunteer activities in the Indianapolis community, or be a scholar ambassador and welcome new scholars to campus. Advised by a board made up of current scholars, the Office of 21st Century Scholars strives to support scholar students in every way possible.

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, who are sworn law enforcement officers, include 24-hour escort service, Operation Identification—a nationwide program designed to discourage theft by permanently identifying valuables, victim assistance program, motorist assistance program, disabled vehicle program, and crime prevention presentations and information.

Commuter Student Services
Commuter students have access to on-campus housing and all student services available to students living on campus. Commuter students are encouraged to participate in campus activities. Commuter students stay connected to the campus and informed about campus events through the *Campus Connection, The Knight Times,* student government association, and email. Assistance and resources for commuter students are available from the Office of Student Affairs in the Ruth Lilly Student Center at 317.955.6318.

Counseling Services
The Counseling Services Program 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 professional counselors 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 Services staff members make use of educational programs and prevention workshops as part their support services for the academic and personal growth of Marian University students. Information is provided on topics such as alcohol awareness, stress management, anxiety and panic disorders, communication skills, depression, eating disorders, conflict resolution, sexual assault and domestic violence, substance abuse and addictions, and personal wellness. 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. Counseling Services maintains and follows confidentiality and the professional ethical guidelines of the American Psychological Association.

Health Services
Health services are offered to the Marian University community by a nurse practitioner. Assessment, treatment, education, and referral to appropriate medical personnel are available. No fee is charged for clinic visits; a fee is charged for any immunizations given. Several healthcare facilities are available within a five mile radius of the university.

All students must complete a Student Health Record form and attach a copy of immunizations. The student's signature,

and parent's signature for a student younger than 18, is required for authorization to administer treatment.

International Student Advising
The designated school official (DSO) is prepared to assist all international students in becoming familiar with services and programs at the university and in the community. The DSO also assists in all matters regarding passports, visas, employment issues, academics, and other concerns of the international student. The office of the DSO is located in the physical education center.

Internships and Career Services Office
The Office of Internships and Career Services (ICS) provides services to currently enrolled students and alumni. The office assists students in finding off-campus employment and internships not directly related to the institution. Job and internship leads, employment referrals, and part-time, full-time, or summer employment opportunities are available to students at KnightWork on the web site at http://www.marian.edu/careerservices.

ICS coordinates many career preparation events on campus throughout the school year: career fairs, networking receptions, an etiquette dinner, job search seminars, and mock interviews. An additional service is guidance for graduate school planning provided through information meetings and printed materials.

VAULT, an online career library containing current career information, is available to all students at any time for exploring career subjects as well as researching employers and industries.

Finally, COL 101, Career Exploration, offers students the opportunity to explore various career paths and vocations. Enrollment in COL 360, Career Exploration Internship, allows students to experience an exploratory internship outside their chosen major.

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, softball, volleyball, racquetball, tennis, and dodgeball. Opportunities for participation in low-intensity exercise programs are also provided in such sports as jogging, weight lifting, and aerobics.

Standards of Conduct
The university assumes that when a student enrolls, a commitment is made to abide by university policies and to participate in their revision by established procedures. The policies are based on the university's foundational values. The Office of Student Affairs 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, which is made available to students online through a link on the student affairs web page.

Student Organizations and Activities
Student Government of Marian University (SGMU) provides an opportunity for the expression of student views and interest; all currently enrolled 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.

SGMU 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.

Opportunities for student involvement are available through departmental, social interest, professional, athletic, and nationally affiliated clubs and organizations. For a complete list of campus groups, please contact the Office of Student Affairs. 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.

Student Publications
On-campus publications include *The Knight Times*, the student newspaper and *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 Mid-Central Conference, which includes the following member schools: Bethel College, Goshen College, Grace College, Huntington University, Indiana Wesleyan University, Spring Arbor University, University of St. Francis, and Taylor University.

Men may compete in intercollegiate basketball, baseball, cross country, football, track and field, tennis, golf, soccer,

and cycling. Women may compete in intercollegiate basketball, volleyball, tennis, golf, 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. The Knights cycling team, fifteen-time national champions in collegiate track cycling, competes as a member of the National Collegiate Cycling Association (NCCA).

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 and 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 five 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:

PHILOSOPHICAL AND THEOLOGICAL REASONING

GE Goal #1: Within the context of a Catholic and Franciscan university, to demonstrate a basic understanding of and participation in theological and philosophical reflection on questions of ultimate meaning and value.

Objectives:

1. to demonstrate knowledge of philosophical and 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 and philosophy
3. to demonstrate an engagement in the ongoing synthesis of faith and reason

SCIENTIFIC AND QUANTITATIVE REASONING

GE Goal #2: 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 an understanding of mathematical concepts and language and to employ the tools of mathematics
3. to demonstrate knowledge of the fundamental laws of nature underlying the universe
4. to demonstrate an understanding of the factors and choices involved in responsible stewardship of the environment

INDIVIDUAL AND SOCIAL UNDERSTANDING

GE Goal #3: 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

CULTURAL AWARENESS

GE Goal #4: to understand and appreciate the cultural life of world communities, past and present.

Objectives:

1. to expand cultural perspectives by establishing a foundational knowledge of world civilizations in their historical contexts
2. to demonstrate an ability to analyze and interpret the diverse heritage of the past in terms of its own ideas and values
3. to establish a commitment to the life-long process of understanding and participating in contemporary local and global cultures

EFFECTIVE COMMUNICATION

GE Goal #5: to develop proficiency in oral and 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, write, speak, and listen in order to acquire, develop, and share information, ideas, and feelings
3. to demonstrate critical and creative strategies for generating and sharing meaning

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 and Associate Degrees

BACHELOR DEGREE • 128 CREDITS

A. **Major**—area of primary concentration (at least 30 credits)

B. **General Education Courses**

1. Philosophical and Theological Reasoning (nine credits)

PHL 130 Human Nature and Person
THL 105 Introduction to Theology
A second course in theology, 200 level or above. See theology course listings for descriptions and courses meeting this requirement.

2. **Scientific and Quantitative Reasoning** (10-12 credits)

Two science courses, one science lab (listed science courses include a lab unless otherwise stated).

BIO 150 General Biology
CHE 110 Fundamentals of General, Organic, and Biological Chemistry I
CHE 151 General Chemistry I
ENV 170/171 Introduction to Environmental Science / optional lab
PHY 110 General Physics I
SCI 101 Earth Sciences
SCI 102 Life Sciences
SCI 103/104 Physical Sciences / optional lab

NOTE: The second semester of two semester sequences (CHE 111, CHE 152, PHY 111) can be used to fulfill this requirement. Courses in the natural sciences required by the student's major may be substituted for courses on the above list.

One mathematics course determined by placement (MAT 105 or higher), or BUS/ECN 205 or PSY 205, or POL/SOC 205 for POL/SOC majors.

3. **Individual and Social Understanding** (nine credits)

One course from each of the following three groups:

PSY 101 General Psychology
PSY 220 Human Growth and Development

SOC 101 Introduction to Sociology
SOC 175 Introduction to Anthropology

ECN 200 Introductory Economics
ECN 201 Principles of Macroeconomics
ECN 202 Principles of Microeconomics
POL 101 Introduction to Political Science
POL 102 Introduction to American Politics

4**. Cultural Awareness** (14 credits)

HIS 102 History of the Modern World
HUM 230 Literature, Music, and Art in the Western Tradition I
HUM 231 Literature, Music, and Art in the Western Tradition II

One course from designated cross-cultural courses including:

ARH 247 Survey of Intercultural Art
ARH 347 Intercultural Art
EDU 355 Education Around the World
ENG 340 World Literature in Translation
MUS 340 Music of World Cultures
NUR 316 Health Care Missions – Overseas
PHL 260 Asian Philosophies

POL 350 Politics of Asia
POL 353 Politics of Development
POL 355 Politics of the Middle East
POL 357 Civil Wars and Ethnic Conflicts
SOC 275 Cultural Anthropology
SOC 315 Native North American Culture History
SOC 342 Peace and Justice in the Developing World
SPA 350 History and Culture of Latin America
THL 258 Asian Religions
Special topics and others as designated in the schedule of classes.

5. **Effective Communication** (9-17 credits)
   COM 101 Public Speaking
   ENG 101 English Composition
   ENG 115 Written Analysis of Literature
   FOREIGN LANGUAGE – 102 for the B.A. and 101 for the B.S. degree. To satisfy this requirement, students may successfully complete the appropriate course or place into the next level.

C. **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 18-24 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.

ASSOCIATE DEGREE • 64 CREDITS

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

B. **General Education Courses** (25-29 credits)

1. **Philosophical and Theological Reasoning** (six credits)

PHL 130	Human Nature and Person
THL 105	Introduction to Theology

2. **Scientific and Quantitative Reasoning** (six-seven credits)

One course selected from:

BIO 150	General Biology
ENV 170	Introduction to Environmental Science
ENV 171	Introduction to Environmental Science Lab
SCI 101	Earth Sciences
SCI 102	Life Sciences
SCI 103	Physical Sciences
SCI 104	Physical Sciences Lab

To satisfy the mathematics requirement, students may successfully complete MAT 105 or place into a higher level course.

A.S. – 40 semester credits in combined science, including the major.

3**. Individual and Social Understanding** (six credits)

One course from each of the following groups:

PSY 101	General Psychology
PSY 220	Human Growth and Development
SOC 101	Introduction to Sociology
SOC 175	Introduction to Anthropology
ECN 200	Introductory Economics
ECN 201	Principles of Macroeconomics
ECN 202	Principles of Microeconomics
POL 101	Introduction to Political Science
POL 102	Introduction to American Politics

4. **Cultural Awareness** (three-seven credits)

A.A.	HIS 102 History of the Modern World and HUM 230 Literature, Music, and Art in the Western Tradition I or HUM 231 Literature, Music, and Art in the Western Tradition II
A.S.	HIS 102 or HUM 230 or HUM 231

5**. Effective Communication** (three credits)

ENG 101	English Composition

C. **Directed or free electives** (A.A. 12-24 credits; A.S. 0-3 credits)

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 an Application for Graduation. This form, available in the Office of the Registrar, initiates the senior 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 six 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 this 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 this 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 Dean of Academic Affairs. 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 must 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 complied 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 reading comprehension, writing, mathematics, and foreign language skills. Advisors receive the results of the placement tests and assist students in selecting appropriate course levels.

Mathematics
All students who have scored less than 500 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.

English Composition and Reading
The following categories of students are required to participate in English composition and reading placement testing:

1. 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.
2. Transfer students with fewer than 30 hours or those entering on probation. Non-probationary students transferring English composition requirements are exempt from placement testing.
3. 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.
4. Students not enrolled in an educational institution for five years.
5. 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 insure 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 Modern Languages. 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.

Students who place in a level higher than the required general education course (level 101 for B.S. degree or 102 for B.A. degree) have satisfied the language requirement. When placement is used as a measure to bypass the required

courses listed under Degree Requirements, it is important to remember that the test results will be described as a placement level and will not include academic credit, nor will placement results be recorded on transcripts.

Foreign Language: Advanced Placement
Marian University recognizes accomplishment in language learning. The placement tests in French, German, and Spanish serve to benefit students who have prior study in those languages. Students who place in FRE, GER, 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, COM 101, HUM 230/231.

Alternative to Foreign Language for Students with Communication 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. 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. Students must start the process of qualification with the director of academic support services in the Learning and Counseling Center. For more information contact the director of academic support services 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. 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 sanction (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. 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 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 Dean of Academic Affairs. 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 by the end of the second week of classes for courses 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 by the Friday before final exam week in order to receive a "W" in all 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 form in the Office of Admission. Registration for readmitted students occurs after current students have registered.

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 to students who have met all financial obligations. The $5 fee must accompany the signed transcript request form. A $10 fee is required for sending an unofficial fax copy

and a $15 fee is required for transcripts prepared while the student waits.

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 *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 098) 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 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.

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 School of Liberal Arts. Move to step three if the grade in question is concerning a course in the School of Business, Education, Mathematics and Sciences, or Nursing.

2. The student meets with the department chairperson in the School of Liberal Arts, 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 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 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.

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.
1. All courses and grades remain on the record. GPA is calculated from returning point forward.
2. The Academic Forgiveness Policy can only be used one time and is non-reversible.
3. Students who have previously earned a degree or have a cumulative GPA of 2.00 or higher are not eligible.
4. The transcript states that an Academic Forgiveness Policy is in effect.
5. 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 at advanced 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.

Up to the Friday after classes begin, a course may be added to a student's schedule with the approval of the instructor and the academic advisor.

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 by dropped with a grade of "W" provided the student processes the official change of registration form. (See Grading System for details.) A fee is charged, per form submitted, for changes made after the first week of classes.

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 over 20 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 basic 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.

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 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 six credit hours of accelerated MAP courses toward a traditional associate degree, or 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 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 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. 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 should arrange to meet with the registrar and present copies of appropriate documents including their discharge paper (DD-214).

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 Learning and Counseling Center 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 Registrar's Office, at 317.955.6053, for approval.
2. Once approval has been obtained, contact the Learning and Counseling Center, 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 below 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.
6. A student who receives CLEP credits during this time are still required to fulfill their last thirty credits at Marian University, thus placing their total earned degree credits at over the minimum required 128.
7. 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.
8. For further information about the CLEP Program in general, consult the CLEP website at www.collegeboard.com/clep.

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 216 (3)
History of the United States II		HIS 217 (3)
Human Growth and Development		PSY 220 (3)
Introduction to Educational Psychology		EDU 174 (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 202 (4) – No lab credit
Calculus		MAT 230, 231 (8)
Chemistry		CHE 151,152 (8)
College Algebra		MAT 140 (4)
College Mathematics		MAT 105 (3)
Natural Sciences		SCI 102, 103 (6) – No lab credit
Pre-calculus		MAT 100 level elective (3)
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)

Academic Services

Academic Advising
Academic advising is available through each school and the Office of Academic Affairs.

New students, full and part-time, are assigned to an academic advisor by the Office of the Registrar. Assignments are made according to the student's declared major. Exploratory students are assigned to a faculty member 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.

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 two campus-wide labs, the library 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.

Two computer classrooms are available for open computing: Marian Hall 304 Computer Center and Library 008 located in the library's lower level. These classrooms support 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 each lab.

Adjacent to Marian Hall 304, the computer classroom is an open lab that is available Monday through Friday, during daytime hours; please see the posted hours outside the lab. 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 Department of Technology located in Marian Hall 302.

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.

Learning and Counseling Center
The Learning and Counseling Center (LCC) is a resource center for the Marian University community. The staff of the LCC provides academic support services, personal counseling, and consultation to all students. Services are provided at no charge to currently enrolled students. Consultation services are also provided to faculty and staff.

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

Reading and Learning Strategies Course:
COL 099, a three-credit course, is offered each semester with an emphasis on learning strategies, study skills, textbook reading skills, and vocabulary development.

Crisis Intervention:
During normal daytime office hours, the director of counseling and the LCC 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 local crisis intervention number at 317.251.7575 or 911.

Personal Counseling:
Personal counseling is available to assist all students who experience problems that interfere with the realization of their academic, interpersonal, spiritual, and vocational goals. 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. The LCC is designed to handle acute and short-term mental health situations. Group counseling is available depending on student need and interest. Referrals to off-campus community agencies may be necessary and are available. Off-campus referrals are at the student's expense.

Peer Tutoring:
Peer tutors are usually available in most academic subject areas. Students who have demonstrated academic excellence in a specific subject area and have been approved by a faculty member can tutor students who desire academic support in those courses. This service is dependent upon tutor availability for specific courses and is not guaranteed for a specific course or at all times throughout the semester. In addition, a peer tutoring center located in Clare Hall is available to provide walk-in help.

Resource Library:
Audio and video tapes and resource books are available for check-out on topics such as: Praxis/PPST preparation, graduate school admission (GRE, GMAT, MCAT), time management, organizational skills, study strategies, note-taking, test anxiety, speed reading, memory skills, stress management, depression, eating disorders, substance abuse, personal growth and development, and many others.

Students with Disabilities:
In response to requests by qualified students with disabilities, the LCC 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.

Study Skills Assistance:
Individual sessions, CDs, and booklets on issues such as test-taking skills, test anxiety, time management, note-taking, reading, and understanding textbooks are available.

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.

Workshops and Success Seminars:
Workshops and seminars are offered on a regular basis and as requested. Topics include study skills, test anxiety, learning styles, test-taking strategies, and time management.

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

Writing Center
Located on the lower level of Clare Hall, the Writing Center offers a number of writing-related services for Marian University students.

Individual Consultations – Tutors are available to assist students in composing, revising, and editing all forms of writing projects.

Word Processing – The Writing Center assists in the instruction of word processing and other writing-related software programs.

Seminars – Occasional seminars are offered to interested classes in research paper writing, developing ideas for essays, and general composing and revising strategies.

Resource Library – Style manuals, dictionaries, software manuals, and essay anthologies are available for overnight checkout.

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 Bob Robeson, at 317.955.6512 or by e-mail at rrobeson@archindy.org, or visit the web site at www.archindy.org/bsb.

Business Creation and Development Program
The Business Creation and Development Program (BCD) is designed to provide all students with the skills for creating their own businesses or developing an existing small business. The program fosters entrepreneurial skills in students that are crucial to excel in both small businesses as well as large corporations.

BCD is offered to our students in two ways; as a minor to those outside of the School of Business and as a concentration to our business-related majors. Through this program our participating students receive an introduction into the essential elements of enterprise and commerce. Available to students in all majors, the minor is designed to support their creativity, provide them with skills to utilize their academic disciplines in the creation of a business or an existing business setting, and provide options so they are equipped to pursue entrepreneurial possibilities in their chosen disciplines.

The curriculum for the minor includes courses addressing foundations of entrepreneurship, creativity and change, accounting and finance for small business, law and ethics for the entrepreneurial company, service learning, and the business plan capstone.

For both the minor and the concentration, a capstone course requires seniors to create a business plan for their “dream” enterprise. Local business leaders are invited to review and critique each plan, and the plan must be approved for successful completion of the program. In addition, students are strongly encouraged to participate in the internship program, which provides the student with real-world experience in the field of entrepreneurship, academic credit, and pay that is typically above average. Students are placed in a variety of companies and jobs based on the student’s interest and availability.

A unique opportunity available through the BCD program is the BCD Consulting or A-Team. A-Team is a group of uniquely talented and highly motivated students selected to act as their own consulting firm, and have the opportunity to work with local for-profit and not-for-profit businesses addressing their issues and problems. The director of BCD selects projects and directs the A-Team in conjunction with alumni and other faculty. The A-Team is limited to five students per team and includes stipends for their work as well as academic credit.

Co-curricular activities include receptions, lunches, presentations with local business leaders in the private and public sector, and participation in business groups such as the Indianapolis Chamber of Commerce.

The Allison Fellows Scholarships, for up to $6,000 annually, are available to a select group of students entering the Business Creation and Development Program. Application criteria include submission of an essay stating interest in business creation and development, a GPA of 3.00 in high school or a SAT score of at least 1000, an interview with the BCD director, and demonstrated experience with entrepreneurship—direct or indirect.

To learn more, visit http://www.marian.edu/bcd, or contact Robert Schuttler, M.B.A., the BCD director, at 317.955.6038 or by e-mail at robert@marian.edu.

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 Internships and Career Services at 317.955.6341 or visit our web site at http://www.marian.edu/careerservices.

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

The Honors Program functions as a watershed for converging streams of scholarly discussion, providing both faculty and students new ways to interact across disciplines, time, and space. The constituent parts of the program include:

- Honors Issue Seminars, including Maymester Trips;
- Honors Induction Ceremony with a guest speaker;
- Honors Graduate School Roundtable;
- Great Books Discussion Series;
- Honors Colloquium/Conference Presentation; and
- Honors Scholarships and Research Fellowships

Honors eligibility depends on completing three issue seminars or their equivalent—such as a Maymester trip or an internship—maintaining a 3.25 GPA, and presenting at the annual Honors Program Colloquium in the spring semester.

Honors courses are offered every semester on two different levels: as sections of introductory general education courses and as 300-level issue seminars. All courses in the program are meant to enhance and deepen student learning through innovative teaching strategies and unusual topics.

- General education introductory level honors courses are offered in communication, English, history, philosophy, psychology, and theology.
- Students considering the Honors Program in their freshman year or non-scholarship students are encouraged, but not required, to take these general education introductory level courses.
- Issue seminar topics have included: evolution; food and culture; America's image from abroad; movies and American culture; moral courage in the face of social injustice.
- Study Abroad Maymester Trips have included: France, Italy, Paris, Greece, and Mexico. Each trip counts as an issue seminar; competitive stipends are available to help defray the cost.

The Honors induction ceremony is an annual event that celebrates the (mostly) sophomores who have been invited to join the Honors Program based on GPA and interest. The ceremony takes place each fall and affords students and their parents a chance to meet faculty who teach in the program. It is also an event at which a member of the Marian University community gives a keynote address. Students receive a certificate officially welcoming them into the program, along with a monetary award of $200 for books.

Honors graduate school roundtable is a program designed to bring faculty and students from Indiana universities to discuss with Marian University students the many wonders of graduate school. The roundtable format is designed to foster an atmosphere in which informal conversations regarding everything from funding for graduate school to future careers can take place.

The great books discussion series gives students an opportunity to read, discuss, and digest a book or books chosen by one of Marian University's faculty members. The series provides money for meals at which the faculty member will introduce, discuss, and illuminate interesting aspects of fascinating books.

The Honors Colloquium takes place in the spring semester of each year, bringing together graduating Honors Program students to present research completed during their academic career at Marian University. Presentations are typically based on work completed either as part of an issue seminar or as an Honors Research Fellow.

For more information, visit http://www.marian.edu/honors or contact the Honors Program director, Carolyn Johnston, Ph. D., at 317.955.6144 or at cjohnston@marian.edu, or Vickie Carson, Centers assistant at 317.955.6132 or vcarson@marian.edu.

Marian's Adult Programs

Marian's Adult Programs (MAP) is designed for working adults who want to take college classes or earn a degree while balancing busy professional and personal lives. MAP classes are accelerated, convenient and flexible so they fit into an adult's busy schedule. MAP offers a wide range of degrees and classes including:

- Associate and bachelor degrees in business administration with concentrations in management,

marketing, human resources management, finance, business technology, and entrepreneurship.
- 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.
- Pre-nursing classes for qualified students including online science prerequisites.

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 or GED 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.

Classroom-based courses are currently being offered at the Marian University campus, near Keystone at the Crossing on the north side of Indianapolis, in Greenwood, and in Brownsburg.

The accelerated format program is fast-paced with most classes meeting just one night a week or on Saturday mornings during a five-week term or an eight-week session. MAP offers nine terms and six sessions per calendar year instead of the traditional fall, spring, and summer semesters. Students set their own pace and study groups are not required. Online classes are flexible and are taught in eight-week sessions. The program is focused on what adult students want: a fast, convenient, hassle-free way to take classes or earn their degree.

For more information, contact MAP at 317.955.6271, toll-free at 888.339.6271, or by e-mail at MAP@marian.edu. Also see the web site at http://www.marian.edu/map.

Peace and Justice Studies
Peace and Justice Studies integrate 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 School of Liberal Arts 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, visit the web site at http://www.marian.edu/peaceandjustice or contact the program director, Bill Mirola, Ph.D. at mirola@marian.edu or 317.955.6033, or Vickie Carson, Centers assistant at 317.955.6132 or vcarson@marian.edu.

Pre-Engineering
Several types of combination programs are possible. Two examples are a 1-3 program (one year at Marian University, three years at engineering university) leading to a bachelor in engineering awarded by the engineering university or a 3-2 program (three years at Marian University, two years at engineering university) leading to a bachelor of science from Marian University and a bachelor degree from the engineering university. Because of the varying requirements in the several fields of engineering, it is necessary that students contact the college/university of their choice no later than the beginning of the sophomore year. To be accepted by the engineering university on a combination program, students must have the grade point specified by the engineering university and must be recommended by the pre-engineering advisor. For more information, contact Sister Monica Zore, OSF, M.A., at 317.955.6380 or smz@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.

Students interested in pursuing prelaw studies at Marian University are eligible to apply for The Thomas More Scholarships. The scholarship is $3,000 per year, renewable for up to four years, in addition to any other scholarship(s) or financial aid for which the student may qualify.

See the School of Liberal Arts section for academic requirements of the prelaw concentration, visit http://www.marian.edu/prelaw, or contact Johnny Goldfinger, Ph.D., Assistant Professor of Political Science, at 317.955.6569 or by e-mail at 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 nearly 1,800 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 three-week study tour in May led by Marian University faculty. The title of the course and its site location 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 280 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:

Marian University, by affiliation agreement with the University of Evansville, offers the opportunity for short-term, summer or semester programs at Harlaxton College in Grantham, England.

To learn more about Study Abroad, contact Sister Margaretta Black, Ph.D. at marga@marian.edu, or 317.955.6026, or visit the web site at http://www.marian.edu/liberalarts.

School of Liberal Arts

The School of Liberal Arts advances the mission of Marian University by providing an excellent education that profoundly transforms lives, society, and the world. The school is comprised of the Departments of English and Communication; History and Social Science; Modern Languages; Psychology; Philosophy and Theology; and Visual and Performing Arts. The departments offer 20 bachelor degrees, 6 associate degrees, 23 minors, 18 areas of concentration, and one certificate program. The liberal arts core, which includes the centers of learning, provides interactive and mutually enriching curriculum that empowers students to become multidimensional critical thinkers and life-long learners.

Teaching requirements: High school licensure is available in art, English, French, German, Spanish, and music. Credits allowed through advanced placement may be counted toward licensing in French, German, and Spanish. With expanded coursework, a license to teach high school social studies can be earned by economics, history, political science, psychology, and sociology majors.

Students who wish to teach in a content area must meet all requirements for the chosen 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.

ART (ART)

For more information on the art department, contact Jamie Higgs, Ph.D., by e-mail at jhiggs@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6432.

Major for Bachelor of Arts Degree (B.A.) in Art: 26 to 27 credits in studio art courses including ART 104, 106 or 109, 201, 206, 221, 255, 490, 491, and one upper-level art elective. The major is completed with a minimum of 10 credits of art history courses beginning with ARH 240.

Major for Bachelor of Arts Degree (B.A.) in Arts Administration: 31-32 credits of arts-related courses including 10-11 credits of ARH 240, 247; MUS 127 or 340; 12 credits drawn from art, art history, or music 200-level or above courses, and nine credits from ARH 401, MUS 350, BUS 370, 371, 373, or 375. Also required are: ACC 210, BUS 101, 240, 250, 455, ECN 200, and an internship at an arts-related organization.

Major for Bachelor of Arts Degree (B.A.) in Graphic Design: 36 credits in art courses including ART 104, 106 or 109, 206, 226, 229, 255; either 237, 304, or 322; 326, 327, 426, 427, 490, and 491. Also required are 9-10 credits in art history courses beginning with ARH 240. Students enter the department as B.A. art majors. There is a portfolio review after the completion of 104, 106 or 109, 206, and two of the following courses: 226, 229, 255, 322, or 328. 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 major. Only students accepted into the major are eligible for ART 460 Graphic Design Internship.

Major for Bachelor of Arts Degree (B.A.) in Photography: 33 credits in art courses including ART 104, 106 or 109, 206, 255, 355, 365, 366, 375, 490, 491, an upper-level fine arts course, and ARH 370. Also required are 9-10 additional credits in art history courses beginning with ARH 240. Students enter the department as B.A. art majors. There is a portfolio review after the completion of 104, 106, 109, 206, 255, and 355. 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 in the photography major. Only students accepted into the major are eligible for the ART 460 Art Internship.

Concentrations

A concentration offers the art major the opportunity to focus in one of three professional areas. To gain admission to an art concentration, a student must demonstrate a level of interest and aptitude necessary for potential success in the profession. Students wishing to concentrate in art therapy, fine art studio, or graphic design must be reviewed and approved by the art department chairperson and a faculty member with expertise in the chosen area. Students are reviewed after they have completed the four foundation courses—ART 104, 106 or 109, 201, 206—plus additional requirements specified in the concentration.

Concentration in Art Therapy: Students may enter the art therapy concentration after completing ART 104, 106 or 109, 201, 206, and PSY 101 with a grade of "C" or higher in each of the classes. This concentration includes the B.A. art major with the following additional art courses: 105, 371, and 461. Art therapy requires a minor in psychology including PSY 101, 220, 230, and 335. Two credits of SOC 100 are required. This curriculum is based on the recommendations of the American Art Therapy Association.

Concentration in Fine Art Studio: Entrance requirements include the completion of ART 221 and at least a "C" in each of the following courses: 104, 106, 201, 206, and a portfolio demonstrating an understanding of design principles and color theory. The fine art studio concentration requires the completion of the foundation art and art history courses required for the major, plus three courses selected from ART 300, 304, 305, 321, 322, 326, or 327.

Concentration in Graphic Design: Special entrance requirements include the completion of the four foundation courses—ART 104, 106, or 109, 201, and 206—with a grade

of "C" or above. A portfolio demonstrating drawing skills and an understanding of design principles must pass a department review. Graphic design concentration students must complete the fundamentals programs plus ART 229, 326, 327, and 426. Students earning only a concentration are **not** eligible for an internship in graphic design.

Minor in Art: 24 to 25 credits including ART 104, 106, 201, 206, 221, ARH 240, one upper-level art history course, and one upper-level art elective.

Minor in Graphic Design: 18 credits minimum in art and art history including ART 106 or 109, 206, 229, ARH 240, and two additional art courses from 155, 255, 326, 327, 329, or 380 on a graphic design topic.

Minor in Photography: 21 credits including ART 104, 106, 255, 355, 365, 375, and ARH 370.

Associate in Arts (A.A.) Degree in Art: 24-25 credits including ART 104, 106 or 109, 201, 206, 221, and one upper-level art elective, ARH 240, and one upper-level art history elective. A concentration cannot be earned in the associate program.

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.

ART HISTORY (ARH)

For more information on the art history program, contact Jamie Higgs, Ph.D., by e-mail at jhiggs@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6432.

Major for Bachelor of Arts Degree (B.A.) in Art History: 40 credits, 22 of which are art history credits, consisting of ARH 240, 247, 12 credits selected from 330, 335, 337, 342, 343, 346, 347, 348, 357, and 380; three credits of 490, and one credit of ART 490. The following studio courses are required and may not be listed toward a minor in art: ART 104, 106, 201, 206, 221, and two courses chosen from ART 105, 237, 255, or 300.

Minor in Art History: 17-18 credits in art history including ARH 240, 247, and the selection of three courses from 330, 335, 337, 342, 343, 344, 346, 347, 348, 357, 380, and 499; either seven or eight credits in studio art including ART 104 and 106 or 109; and one course from ART 105, 201, 255, or 300.

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: 30 credits, excluding COM 101, and including 210, 221, 223, 310, 401, 490, ENG 239, and three additional courses at the 300-level or above as approved by the advisor.

Minor: 18 credits excluding COM 101 and including 210 and 401, plus 12 additional credits from courses approved for the major, nine of which must be at the 300-level or above.

Concentration in Rhetoric: 12 credits including COM 210, 221 or 223, ENG 302, and one additional course in writing or speaking at the 200-level or above as approved by the advisor. Open to all majors except communication.

ENGLISH (ENG)

For more information on the English program, contact Gay Lynn Crossley, Ph.D., by e-mail at glc@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6397.

Major for Bachelor Arts Degree (B.A.) in English: 37 credits, excluding ENG 101 and 115, and including 120, 214, 215, 222, 223, 250, 302 or 304; one course from 314, 315, 316, or 317; 325 or 330; 332, 333, or 335; 490, and six credits of English electives.

Minor: 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 of Teaching students.

Concentration in Writing: 18 credits including ENG 100 or 255, 204, 239, 302, 360 or 460, COM 330, and/or other writing courses to be selected in consultation with the student's advisor.

FRENCH (FRE)

For more information on the French program, contact Sister Margaretta Black by e-mail at marga@marian.edu or by phone at 317.955.6026

Major for Bachelor of Arts Degree (B.A.) in French: A minimum of 33 credit hours above the 100-level, with at least 18 credits in upper-level (300-400) courses. Hours are to include language skills (220, plus a minimum of two courses from 200, 201, 230, 240, or 380), history and culture (minimum of two courses from 315, 316, 320, or 380), literature (minimum of three courses from 340, 345, 470, 471, or 480), the senior seminar (490) and capstone course

(498), and two electives in French. Credits earned in an approved study abroad program count toward major requirements, and are applied to skills and culture areas.

Minor: 18 credits above the 101 and 102, and including 220, 230, and 240.

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 Sister Margaretta Black by e-mail at marga@marian.edu or by phone at 317.955.6026.

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 Seminars, 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 by education majors enrolled in the global studies program.

HISTORY (HIS)

For more information on the history program, contact Carolyn Johnston, Ph.D., by e-mail at cjohnston@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6144.

Major for Bachelor of Arts Degree (B.A.) in History: 36 credits including HIS 102, 207, 216 or 217, 299, 490, 15 credits from the European or United States major field tracts, six credits outside of the major field tract and outside the minor. All students must successfully complete a senior comprehensive examination. The European tract includes 315, 334, 336, 337, 338, 341, 420, 430, and 440. The United States tract includes 344, 345, 346, 348, 410, and 470.

Minor: 18 credits including HIS 102, 207 or 216 or 217.

HONORS PROGRAM (HON)

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

LIBERAL ARTS

For more information on liberal arts, contact James Norton, Ph.D. by e-mail at jnorton@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6132.

Associate in Arts Degree (A.A.) in Liberal Arts: The associate degree in liberal arts provides a broad base of study in the arts and sciences. It serves to enhance an individual's personal and professional development regardless of specific work or career choice. It also serves as a general education base for those who subsequently choose to complete a bachelor degree in a specialized field. The program can be completed in two years on a full-time basis, or in four years on a part-time basis.

Liberal Arts Core (28-31 credits)
(Courses cannot be used for both general education and the liberal arts core).

One course from each of the following:

- Philosophy
- Theology
- Biology, chemistry, mathematics, science, or physics
- Psychology or sociology
- Economics or political science

Two courses from each of the following:

- HUM 230, 231, history, cross-cultural course, or three credits of approved performance based fine arts courses
- COM 101, ENG 115, or foreign language at level of placement or above

Electives (4-8 credits)

MUSIC (MUS)

For more information on music programs, contact Philip Kern, M.F.A., by e-mail at pkern@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6108.

Major for Bachelor of Arts Degree (B.A.) in Instrumental Music:

Performance: 40 credits including MUS 125, 126, 250, 325, 326, 330, 338, 339, 490, and 12 credits of applied music.
Music Education: 50 credits including MUS 125, 126, 250, 325, 326, 328, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 345, 430, 490, and eight credits of applied music.

Major for Bachelors of Arts Degree (B.A.) in Pastoral Music Ministry: 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, 330, 430, 490, THL 105, 226, 228, 236, MUS 257, THL 170, MUS 357, and a minimum of six credits in voice and piano, eight semesters in a vocal ensemble, and two years mentoring and internship.

Major for Bachelor of Arts Degree (B.A.) in Vocal/Choral Music:

Performance: 43 credits including MUS 125, 126, 226, 227, 228, 325, 326, 330, 338, 339, 490, and 12 credits of applied music.

Music Education: 50 credits including MUS 125, 126, 226, 227, 228, 250, 325, 326, 327, 328, 330, 338, 339, 345, 430, 490, and eight credits of applied music.

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.

Music majors and minors are required to abide by the Music Department Handbook guidelines.

Minor: 22 credits including MUS 125, 126, 330, 338, and 339, and six credits of applied music. Participation in one musical organization and recital attendance is required each semester.

Associate in Arts Degree in Music: 24 credits including MUS 125, 126, 330, 338, 339, four credits of applied music, four credits in music electives. Also required are participation in one musical organization and recital attendance each semester.

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, majors, or minors studying a secondary instrument. 200 level is for beginning majors and minors. 300 level is for advanced majors and minors preparing for a recital. Instructor permission is required.

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

PEACE AND JUSTICE STUDIES

For more information on the peace and justice studies program, contact Bill Mirola, Ph.D., by e-mail at mirola@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6033.

Minor in Peace and Justice Studies: 18 credits including SOC 145, and POL 155 and 12 credits selected from COM 201, 221, 353; ENV 170, 171; HIS 336, 440; PHL 215, 240; POL 230, 353, 359; SOC 265, 270, 305, 320, 325, 342, 360, 370, 375; THL 321 or 322.

This minor is inter-disciplinary, 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.

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: 30 credits including PHL 130, 150, 215, 320, 240, 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 Catholic Studies: 15 credits including PHL 130 and THL 105 taken at Marian University, and nine additional credits chosen from the following set, with at least one course from each area: PHL 205, 215, 240, 350, and 381; THL 103, 232, 236, 322, 381.

Concentration in Ethics: 18 credits including PHL 215, 498, and THL 216, and the balance of additional credits chosen from the following set: PHL 115, BUS 401, BUS 374, COM 410, NUR 310, PHL 315, POL 155 or SOC 145, THL 316, and THL 322.

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 101, 102, 301, 205, 490; two of 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 101 and 102.

PRELAW STUDIES (LAW)

For more information on prelaw studies, contact Jamey Norton, Ph.D., by e-mail at jnorton@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6132.

Concentration: 18 credits including LAW 300, COM 223, ENG 302, PHL 150, POL 102, and one course chosen from BUS 401, COM 410, PHL 215, or SOC 145.

PSYCHOLOGY (PSY)

For more information on the psychology program, contact Faye Plascak-Craig, Ph.D., by e-mail at fcraig@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6077.

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. PSY 360 fulfills the option (with 497, 498, and 499) but the credits are not counted toward the major. 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 above 150-level, chemistry, mathematics above 140-level, physics, and psychology.

Concentrations:
The major program may also include a 14-15 credit concentration in one of three areas:

Human Resources Development:
PSY 220, 310, 360, BUS 101 and 351.

Clinical Health Psychology:
PSY 330, 360, 370, SOC 335, and ECN 315 or 345

Sport Psychology:
PSY 310, 340, 360, 370, ESS 120 or 354.

Non-majors who have completed PSY 230 and 335, or received permission, may also enroll in the clinical health or sport psychology concentration.

Minor: 20 guided credits as appropriate to student's goals.

Associate in Arts Degree: 19 credits including PSY 101, 220, 230, and 250.

Social Studies Major, Psychology: as a supporting area: 13 credits composed of PSY 101, 220, 230, and 250.

Social Studies Minor, Psychology: 24 credits including PSY 101, 220, 230, 250, 325, and nine credits of diversified social studies work in three areas other than psychology.

SOCIOLOGY (SOC)

For more information on the sociology program, contact Heather Rodriguez, Ph.D., by e-mail at hrodriguez@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.

SPANISH (SPA)

For more information on the Spanish program, contact Sister Margaretta Black by e-mail at marga@marian.edu or by phone at 317.955.6026

Major for Bachelor of Arts Degree (B.A.) in Spanish: A minimum of 33 credit hours above the 100-level, with at least 18 credits in upper-level (300-400) courses. Hours are to include language skills (220, plus a minimum of two courses from 200, 201, 230, 240, or 380), history and culture (minimum of two courses from 315, 350, or 380), literature (minimum of three courses from 340, 341, 370, 371, or 480), the senior seminar (490), and capstone course (498), and two electives in Spanish. Credits earned in an approved study abroad program count toward a major, and are applied to skills and culture areas.

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

THEATRE (THE)

For more information on the theatre program, contact Kristopher Steege, M.F.A., by e-mail at kdsteege@marian.edu or liberalarts@marian.edu, or by phone at 317.955.6389.

Minor in Theatre: 18 hours including THE 100, 120 and 231. Students are required to complete one theatre related history/literature course chosen from ENG 330, 336, FRE 345 or MUS 380 (History of Musical theatre) and seven credits of theatre electives from THE 200, 260, 360, 380, ART 106, 201, 206, COM 235, or MUS 200. Electives may also include up to three credits of THE 108.

THEOLOGY (THL)

For more information on theology programs, 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 Theology: 33 credits required including THL 105, 208, 216 or 218, 226, 228, 232, 236, 308, 332, and 490, and excluding 361, 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 EDU 164, 230, 446, 454, and PSY 220. The Catholic Studies major with a concentration in theology may be substituted for the theology requirements.

Associate in Arts Degree (A.A.) in Religious Education: 22 to 24 credits of theology coursework required including THL 105, 208, 216 or 218, 236, 361; 232 or 308; and 226 or 228. In addition, EDU 230 and PSY 220 are required.

Associate in Arts Degree (A.A.) in Pastoral Leadership: 30 credits including THL 105, 170, 205, 208, 216 or 218, 228, 236, 361, 474; support courses including PHL 130, ECN 200, PSY 220, 230, SOC 101, 210; continuous mentoring and internship participation.

***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, 381; two courses chosen from PHL 205, 215, 240, 350, 381; and two Catholic studies courses seated in other disciplines.

Minor in Pastoral Leadership: 22 credits, including THL 100, 105, 170; 270 or department approved alternative, 205 or 208, 226 or 228, 236 or 321 or 322, and 361 or 474.

Minor in Theology: 20 credits.

Concentration in Catholic Studies for Non-Majors: 15 credits including THL 105 and PHL 130 taken at Marian University, and nine additional credits chosen from the following set, with at least one course from theology and philosophy: THL 103, 218, 232, 236, 322, 381; PHL 205, 215, 240, 350, or 381.

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.

School of Business

The School of Business advances the mission of Marian University in providing an excellent education that profoundly transforms lives, society, and the world through its own mission: to prepare students, through excellence in teaching and learning, to become leaders in their chosen professions, and to make ethical and informed decisions in their daily lives.

The School of Business offers five majors, nine minors, and four concentrations in areas of accounting, business administration, business creation and development (entrepreneurship), business in healthcare, business technology, economics, finance, management, marketing, motorsports management, nonprofit management, and sport marketing as well as and provide foundational curriculum for the general education program.

For more information on any of the degree programs listed below, please contact the 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: 30 hours including 210, 211, 310, 320, 321, 430, 431, 440, 455, FIN 420, and 3 hours in one of: 470, BUS 360 or 365. Also required: BUS 101, 205, 240, 250, 290, 301, 401, ECN 201, 202, FIN 111, 310, 311, and MIS 201. The credits in ACC 470, BUS 360, and BUS 365 are not counted toward the major.

150-Hour Accounting Certificate 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 the completion of the traditional four-year program of 128 credit hours. Students choosing to complete of the 150-Hour Accounting Certificate Program may do so through a variety of options and will receive a certificate at graduation.

Marian University's 150-Hour Accounting Certificate Program can be completed in a four or five year program option. Also, by approval, undergraduate and graduate courses from other accredited colleges and universities may apply.

Minor: 21 credits including 210, 211, 310, 430, FIN 111, and six credits of approved ACC electives. Also required: BUS 101, 290, 301, MIS 101, and ECN 202.

BUSINESS ADMINISTRATION (BUS)

Concentrations:
Business Creation and Development: 12 credits in business. Required courses are 262, 372, 365, and 485. Only available to majors in the School of Business.

Human Resources Management: 12 hours in business including BUS 351, BUS 352 or PSY 310, BUS 358, and BUS 362. Students in this concentration use these 12 hours in substitution for upper-division management electives required of a management major. Only available to majors in the School of Business.

Motorsports Management: 12 credits including BUS 135, BUS 222, BUS 311/ESS 310, and BUS 348. BUS in a Motorsports area is strongly recommended. The concentration is only open to majors in the School of Business.

Nonprofit Management: 12 credits in business including 370, 371, 373, and 375.

Sport Marketing: 15 hours in business including BUS 303/ESS 354, BUS 311/ESS 310, BUS 348, and ECN 321. Only available to majors in the School of Business or Department of Exercise and Sport Studies as long as pre-requisites are met.

Minors:
Business Administration: 18 credits of business courses including 101, 240, 250, 301, and two department approved electives. Also required: ACC 210 and ECN 200.

Business Creation and Development: 18 credits in business. Required courses are 262, 372, 264, 374, 365, and 485. Not available to majors in the School of Business.

***Business in Healthcare*:** 18 credits. Required courses: 101, 358 (or equivalent), ECN 315, and an additional nine credits from ACC 210, BUS 240, 351, 352, 401, and PSY 310. Only open to nursing majors.

Business Technology: 18 credits in MIS courses. Required courses: MIS 101, 201, and four courses chosen from MIS 290, 310, 317, 320, and 330.

Motorsports Management: 18 credits including BUS 240, 250, 135, 222, 311/ESS 310, and BUS 348. BUS 367 in a Motorsports area is strongly recommended.

ECONOMICS (ECN)

Major for Bachelor of Arts Degree (B.A.) in Economics: 30 credits of economics courses including 201, 202, 205, 301,

302; a choice of five courses from the following: 310, 315, 320, 325, 345, 350, 380, 420, and 480; and 3 hours from BUS 360 or 365. Also required: BUS 101, 290, 401, and MAT 215 or 230. A grade of "C" or higher must be earned in all economics courses. The credits in BUS 360 and BUS 365 are not counted toward the major.

Minor: 18 credits of economics including 201 and 202, and excluding 205.

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 director of secondary 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.

FINANCE (FIN)

Major for Bachelor of Science Degree (B.S.) in Finance: 30 credits including 111, 310, 311, 356, 357, 360, 420, 455, ACC 210 and 211, and 3 hours from BUS 360 or 365. Also required: ACC 430, 431, BUS 101, 205, 240, 250, 290, 301, 401, MIS 201, ECN 201 and 202. The credits in BUS 360 and BUS 365 are not counted toward the major.

Minor: 21 credits including 111, 310, 311, 360, ACC 210, 211, and three credits of approved finance electives. Also required: BUS 101, 290, 301, ECN 202, and MIS 101.

MANAGEMENT (MGT)

Major for Bachelor of Science Degree (B.S.) in Management: 42 credits in management and business including BUS 101, 205, 240, 250, 290, 301, 350, 401, and 495. One international course from BUS 338, 450, ECN 325, BUS 363; 12 credits in upper-division management electives from the following list: BUS 262, 305, 325, 330, 342, 346, 351, 352, 353, 356, 357, 358, 361, 362, 370, 371, 372, 375, and 485; and 3 hours from BUS 360 or 365. Also required: ACC 210, 211, ECN 201, 202, FIN 310, and MIS 201. Management majors must receive a grade of "C" or higher in the 12 credits of upper division management electives. The credits in BUS 360 and BUS 365 are not counted toward the major.

MARKETING (MKT)

Major for Bachelor of Science Degree (B.S.) in Marketing: 42 credits in marketing and business including BUS 101, 205, 240, 250, 290, 301, 350, 363, 401, and 495. One international course from BUS 338, 450, or ECN 325; 12 credits in upper division marketing electives from the following list: BUS 305, 325, 338, 341, 342, 344, 346, 348 and 485; and 3 hours from BUS 360 or 365. Please note: students may not count BUS 338 toward both the international course requirement and the upper division marketing elective. Also required: ACC 210, 211, ECN 201, 202, FIN 310, and MIS 201. Marketing majors must receive a grade of "C" or higher in all upper division marketing electives. The credits in BUS 360 and BUS 365 are not counted toward the major.

School of Education

The School of Education advances the mission of Marian University through its dedication to providing an excellent education in all offered areas. The School of Education includes the departments of education, and health and physical education, and offers a master of arts degree in teaching; two bachelor of arts and one bachelor of science degree in the areas of education and health and physical education; three minors and one concentrations.

For more information on degree programs listed below, please contact the School of Education Office at 317.955.6089 or by e-mail at education@marian.edu.

STUDIES IN EDUCATION

The Studies in Education major is a professional education program leading to a bachelor of arts degree. This major is not a licensure degree but maintains emphasis on the education course content. The common learning component; and field and practicum placements continue to provide professional skills. An additional focus area could be minor chosen by the student. This interdisciplinary degree is an option for students who wish to examine education as a discipline or pursue a career outside of an educational classroom, such as training, education management, adult education, media, not for profit, or youth services to name a few.

The major also provides opportunities for study in various minor areas. The degree is a means of developing various professional skills complementary with the education course content. Advisor will work with students to choose course work that will be appropriate to the academic/professional goals of the student. Phase assessment is similar in nature to the Elementary Education degree. PRAXIS testing is not required for this degree.

Major for a Bachelor of Arts Degree (B.A.) in Studies in Education: Program completion will include 50 credits for EDU coursework and 51-61 credits for the general education supporting content area for a minimum total of 128 credit hours for graduation.

Major Coursework:
174, 221, 230, 315 or 454, 490; 120 or MIS 101; 314 or all three of 163, 168, 263; 346 or 351 and 352 or ENG 347; COM 221 or 401; ENG 249; PSY 325 or PSY 350 or PSY 365; SOC 270.

EDUCATION (EDU)

The teacher education programs are fully accredited by the Division of Professional Standards and the National Council for the Accreditation of Teacher Education. Students pursuing a program should check with their advisors or the School of Education regarding periodic changes being made in programs to meet Indiana Rules 2002 standards.

Prior to placement in a field experience setting, the student must provide the School of Education 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.

Students must complete a major or minor in all areas of licensure. Students must successfully pass three assessments to complete program requirements to be recommended for an Indiana license. For retention in the teacher education programs, students must earn and maintain an overall 2.50 cumulative GPA in education courses and in the major and minor, and meet other performance expectations as cited in the phase assessment process. Requirements are listed on the School of Education web site.

Students must achieve a minimum grade of "C" in every course required for the major or minor and for licensing.

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 School of Education. Secondary licensing students are advised by faculty in their content area major and by the director of secondary education for their secondary education minor.
2) Between the first and second year of the program, students are expected to successfully complete the PRAXIS I tests.
3) Students must complete Phase 1 Assessment to enroll in 300- and 400-level professional education courses. The process for Phase 1 Assessment is located on the School of Education web page and is available in paper format outside the School of Education 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 in the first semester of attendance at Marian University.

Readiness for Student Teaching/ Phase 2 Assessment

1) Students complete a Phase 2 assessment as part of core classes within the department. Elementary majors complete this assessment as part of their methods courses. Secondary education minor students complete this assessment as part of EDU 456. Students adding middle school licensing to either the elementary or secondary levels complete the Phase 2 assessment as part of EDU 457. Teacher candidates working toward a minor in exceptional needs are assessed in EDU 233, 338, 368, and 369 using

performance scores and examining final grades with a minimum of "C" required in each course and a cumulative GPA of 2.50 or above.
2) Students must make formal application to student teach with the School of Education, attend meetings the semester prior to student teaching and the semester of student teaching, and meet required deadlines for the semester they expect to student teach. Deadlines are posted in the School of Education office and on the Marian University web site calendar.

Program Completion/Phase 3 Assessment

1) For the Elementary Program, students must complete specific requirements to be eligible for graduation and licensure. Upon successful completion of student teaching, EDU 490, PRAXIS II testing, the student teaching portfolio, and minimum GPA requirements, students complete the program.
2) For the Secondary Program, upon successful completion of the seminar in the major, student teaching, PRAXIS II testing, the student teaching portfolio, and minimum GPA requirements, students complete the program.

The School of Education publishes its yearly Title II basic skills and subject area scores and state ranking on its web site at www.marian.edu.

School of Education Program Expectations

The Marian University Education Program is based on 11 program principles. These include the following expectations:

- knowledge of subject matter
- knowledge of child development
- cultural competence
- good instructional and assessment practice based on differentiation
- curriculum development and planning
- positive classroom environment
- strong collaborative skills
- reflective practice
- value and respect for children, parents and colleagues
- ability to work with diverse communities
- a moral commitment to children and their parents

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

Requirements for grades K-6 for students in the Bachelor of Arts in Elementary Education program include:

1) General education requirements for the B.A. include specific requirements of nine credits to enhance philosophical and theological reasoning (PHL 130 and THL 105 with one additional course in theology); 20 credits in scientific and quantitative reasoning (SCI 101, 103/104, 301, MAT 115 and 116); nine credits to develop individual and social understanding (PSY 220, SOC 101, and economics or political science); 17 credits to foster cultural awareness (one course in U.S. history, one in world history, HUM 230 and 231, and one course from the cross-cultural listing); and 17 credits to enhance effective communication (ENG 101, 115, COM 101, and foreign language).
2) Professional education courses and student teaching comprise the elementary education major: 120, 174, 175, 221, 230, 314, 315, 325, 346, 347, 444, 446, 490, MAT 115 and 116, SCI 301, and student teaching.
3) Students must meet the 2.50 GPA requirement in all areas of licensure and earn a minimum grade of "C" in all courses in the major.
4) Successful completion of all phase assessments.

The elective component for elementary teachers provides an opportunity to add breadth and/or depth to the undergraduate experience. Students are encouraged to add the minor in exceptional needs: mild intervention, English as a New Language, or another minor to compliment the elementary education major. Students are also encouraged to take GEO 101, Introduction to Geography.

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

Minor in Special Education Program
Exceptional Needs, Mild Intervention

Students majoring in elementary education or being licensed for middle school or high school teaching may elect to add a teaching minor in exceptional needs. This minor allows the graduate to teach in classrooms with students who need mild interventions. Requirements for this additional licensing include 130, 233, 338, 339, 368, 369, 439, and one course from 467, 468, 469, or 470. Other requirements are completed in courses within the regular education program. One segment of student teaching must be in a special education setting.

Minor in Secondary Education for
Middle School and High School Teaching

Students wanting to teach middle school or high school should complete the minor in secondary education as an addition to their academic major with specific courses approved by the School of Education and the Division of Professional Standards of the Indiana Department of Education. Teaching majors and minors are available in art, biology, chemistry, English, French, Spanish, health and physical education, mathematics, and choral and/or instrumental music. A broader collection of coursework will qualify a history, economics, political science, psychology, or sociology major to earn a license as a middle school or high school social studies teacher.

Secondary education minors must consult the School of Education for specific Indiana requirements. Students are expected to meet with their content advisor and the Director of Secondary Education prior to registering for any courses.

Students must meet the developmental licensing standards, as specified by the Indiana Professional Standards Board.

Course requirements for students minoring in secondary education:

1) General education as required for the bachelor degree.
2) Major requirements with any additions needed for a teaching major in a subject area. Some content area majors require additional courses to meet content standards. Students should contact the School of Education for specific additional courses in the major or minor area.
3) Professional education courses and student teaching: 120, 230, 263, 318 or SOC 270, 351, 446, 454, 456, 458 and student teaching.
4) Additional required courses are PSY 101 and 365.
5) Students must meet the 2.50 GPA requirement in all areas of licensure and earn a minimum grade of "C" in all courses in the major and minor.
6) Specific and continuing pre-student teaching field experiences in selected courses.
7) Completion of all phase assessments including PRAXIS I and PRAXIS II testing in all majors and minors which will be licensing areas.

K-12 licensure
Health and Physical Education, Art, Music, Spanish and French are approved by the Division of Professional Standards for Kindergarten through grade 12 licensure. The required education coursework to obtain this license in any of these content areas is as follows: 221, 230, 315, 446, 456, 457, 458, 462 or 463, 465 or 466, PSY 220 and 365. Specific content requirements for the licensure area must also be met as well as all Phase assessment requirements.

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. CSEPP is made possible by funds from the "Rebuild My Church" program, a Lilly Endowment Inc.-funded project to promote faith and vocation at Marian University.

Students are assigned to the same Catholic school for all practica in selected methods courses throughout their coursework. Students complete the School of Education's phase assessments as part of the Catholic School Educator Preparation Program.

Completing this program leads to a concentration in faith-based teaching. Students complete additional coursework in theology: THL 105S, 106S, 270, 361, and EDU 400. Their coursework focuses on:

- 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 sites and meet each semester to discuss their own commitment to becoming faith-based teachers. They take EDU 400, Mission and History of Catholic Schools, with veteran teachers in the Archdiocese of Indianapolis. During their second and third years, they take directed theology courses, as well as methods courses, and they participate in a practicum to teach religion. Student teaching takes place at the mentor school during the appropriate semester.

For more information on this program, contact the director of CSEPP at 317.955.6089.

Project Bridge:
Master of Arts in Teaching Program
The Master of Arts in Teaching (M.A.T.) graduate program is fully accredited by the Division of Professional Standards and has been approved by the Higher Learning Commission. The teacher education program is also NCATE accredited. Individuals who are interested in applying to this graduate program should contact the School of Education or the M.A.T. director for information.

The program is a Transition to Teaching program that provides post-baccalaureate individuals with a pathway to become licensed elementary teachers in Indiana. Completion of the program leads to licensure for primary and intermediate grades in elementary schools.

Participants are organized in cohorts that complete extensive internship experiences with trained mentors in schools. M.A.T. cohorts begin the program in June and complete it in one or two years based on program and credit enrollment. Enrollment in M.A.T. courses is limited to cohort members only.

The M.A.T. program incorporates Marian University's Franciscan Catholic sponsorship values of dignity of the individual, reconciliation, responsible stewardship, and peace and justice as the moral imperatives for teaching and learning.

The elementary education level M.A.T. program includes a concentration in second language learning to ensure that its graduates have critical knowledge and skills necessary to

meet the needs of all learners. Students in this M.A.T. program prepare to be mainstream classroom teachers, while also learning how to best teach children whose native language is not English. The program includes a strong emphasis on cultural and linguistic diversity in today's classrooms. Enrolled students may select the transition-to-teach option after consultation with the program director.

Admission
Admission to the M.A.T. program is selective.

Program Assessment
Students in the M.A.T. program must successfully complete three assessments to fulfill program requirements. For retention in the M.A.T. program, graduate students must earn and maintain a 3.00 cumulative GPA. Students must also meet other performance expectations as cited in the Master of Arts in Teaching Handbook available in the School of Education office.

Admission to M.A.T. Program/
Phase 1 Assessment

1. Selection criteria include previous academic record and degree, successful completion of PRAXIS I tests, criminal history check, work history, experiences working with children and adults, reflections on life and learning experiences, and statement of professional goals. Previous graduate and undergraduate transcripts are reviewed to evaluate background content in English, mathematics, science, and history.
2. Highly qualified candidates are asked to participate in a personal interview with an M.A.T. admissions committee.
3. Interviewed candidates must write an on-site essay.
4. All application materials are evaluated and highly qualified candidates are invited to join the program.

Formative Evaluation/Phase 2 Assessment

1. Students document their knowledge, skills, and dispositions through a portfolio that reflects key course assignments and teaching experiences.
2. Students must successfully complete Blocks 1 and 2 coursework and internships.
3. Students continue to refine the intern portfolio.
4. Students complete a mid-program interview.

Program Completion/Phase 3 Assessment

1. Intern portfolio is completed.
2. Students must successfully complete coursework and Block 3 internship.
3. Students must successfully complete PRAXIS II tests.
4. Students must participate in the research seminar.

M.A.T. Requirements: 36 credits including a core of 505, 514, 515, 516, 520, 590, 591, 7 credits of 560 and 12 additional hours as specified. The elementary program requires 521, 522, 523, 525, 530, and 531. The exceptional needs program requires 519, 533, 538, and 549. The secondary program requires 519, 523, 525, 530, 531 and one of 521, 522, or 527.

EXERCISE AND SPORT STUDIES (ESS)

Major for Bachelor Degree (B.S.) in Sport Performance: The Sport Performance major is comprised of 40 hours including the departmental core course of 128, 230, 410, 490, and BIO 225. Additional requirements include 120, 270, 340, 370, 375, 435, 451, and 452. ESS 360 Internship in ESS is strongly encouraged. Additional courses in Biology, Chemistry and Statistics are also encouraged. The student must maintain a GPA of 2.6 or better in the above courses.

Minor in Health Education Teaching: 24 credits, including 120, 230, 249, 370, 452, SCI 102 plus 7 credits of ESS electives.

PHYSICAL EDUCATION TEACHER EDUCATION (PETE)

Major for Bachelor Degree (B.A. or B.S.) in Physical Education Teacher Education: 36 to 40 credits including 120, 128, 150, 420, 451, 452, 490, and BIO 225.

Minor In Physical Education Teacher Education (Physical Education License only): 24 credits including 128, 150, or 160, 228, 363, 410, 420, 451, or 452 plus 6 credits of electives.

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.

School of Mathematics and Sciences

The School of Mathematics and Sciences advances the mission of Marian University by providing a curriculum rich in opportunities to develop critical thinking and quantitative and numerate skills that can be used in contemporary situations. There are seven bachelor's degrees, one associate degree, six concentrations, and four minor programs available in the areas of biology, chemistry, mathematics, and physics. The biology program also offers a bachelor degree that can lead to becoming a registered medical technologist. The chemistry program offers a degree in chemical technology that prepares students to become a research assistant or laboratory technician. Students may also pursue requisites for progress to a career in medicine or the health sciences.

Teaching requirements: High school licensure is available in mathematics, chemistry, and biology. Students who wish to teach in a content area must meet all requirements for the chosen major field, and 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.

Mathematics Placement Test: *A*ll students who have scored less than 500 on the SATM or less than 19 on the ACTM are required to take the mathematics placement test. The results of the test are used to place students in the appropriate mathematics courses.

BIOLOGY (BIO)

For more information on biology programs, contact the Office of the Dean at 317.955.6331 or mathandscience@marian.edu.

Major for Bachelor of Science Degree (B.S.) in Biology: To earn a B.S. degree in biology, a student must take: (1) 201, 202, 203, 204, and 490; (2) at least 15 other credit hours in biology above 214; (3) CHE 305-306; (4) MAT 230; (5) one of courses: MAT 231 or PSY 205; and (6) and either PHY 110-111 or PHY 212. The student must complete at least 60 credit hours in mathematics (course numbers at or above 220) and sciences (BIO course numbers above 200, CHE course numbers above 150, and PHY course numbers at or above 110). 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 courses before beginning the required courses. In some cases, this may cause a student to take more than the normal four-years to complete the degree requirements.

Major for Bachelor of Arts Degree (B.A.) in Biology: To earn a B.A. degree in biology, a student must take: (1) 201, 202, 203, 204, and 490; (2) at least 15 other credit hours in biology above 214; (3) either CHE 110-111 or CHE 151-152-305; and (4) either PHY 110-111 or PHY 212. 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 courses before beginning the required courses. In some cases, this may cause a student to take more than the normal four-years to complete the degree requirements.

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 within 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 435, MAT 305, MAT 315, and MAT 430.

Concentration in Cell and Molecular Biology: 410, 415, CHE 311, and CHE 312. The student must also take at least 7 credit hours from: 340, 345, 398, 440, 498, CHE 380, CHE 480, and MAT 430.

Concentration in Ecology and Environmental Science: BIO 320 or 327. The student must also take at least 20 credit hours from: 260, 270, 305, 320, 321, 323, 327, 328, 360, 361, 372, 374, 355, 398, 415, 425, 460, 462, 463, 465, 498; CHE 270, 315, 420; and ECN 310. 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: 251, 252, 334, and 434. The student must also take at least 15 credit hours from: 226, 410, 415, 499, CHE 311, CHE 312, ESS 340, ESS 355, and NUR 238.

Concentration in Human Biology: 225, 252, 226 or 334, and THL 316. The student must also take at least 15 additional credit hours from: 251, 260, 320, 330, 340, 345, 350, 370, 410, 415, 434, 498, 499, CHE 270, CHE 310 or CHE 311-312, NUR 200, NUR 231, NUR 238, PSY 220, PSY 330, PSY 350, and SOC 335.

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 and Health Centers in Beech Grove and IU Health Methodist Hospital in Indianapolis.

The B.S. Degree in clinical laboratory science requires 22 credit hours of biology courses, which includes BIO 201, 203, 340 or 214, 225, 226, and 345; completion of all general education requirements; 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: To complete the Minor in Biology, a student must complete at least 20 credit hours of biology at or above the level of 201 this does not include BIO 214.

CHEMISTRY (CHE)

For more information on chemistry degrees, contact Rod Macrae, Ph.D., at 317.955.6064, or by e-mail at rmacrae@marian.edu or mathandscience@marian.edu.

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

Major for Bachelor of Arts Degree (B.A.) in Chemistry: 34 credits in chemistry at or above 151 including 300, 305, 325, 490. Also required are MAT 230 and either PHY 110-111 or PHY 212. 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 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 212. The remaining courses are chosen from chemistry at or above 151, biology courses numbered 201 and above, physics courses numbered 201 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 300, 305, 325, and 490, together with either 360 or 2 credits of 498. Students must also complete the requirements within one area of a chemistry concentration. Also required are MAT 230 and 231 and either PHY 110-111 or PHY 212. The remaining courses are chosen from chemistry at or above 151, biology courses numbered 201 and above, physics courses numbered 201 and above, and mathematics courses above 231. 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, and at least 2 credits of concentration electives from the following set: 270, 315, 325, 326, 380/480, 420, 430, 498 (credits beyond those previously required above), 499, BIO 410, 415, and PHY 250.

Concentration in Chemical Physics: In addition to the requirements stated above, the required courses are 326, 425, MAT 310, PHY 212 and at least 11 credits of concentration electives from the following set: 380/480, 420, 425, 430, 435, 498 (credits beyond those previously required above), 499, physics courses numbered 201 and above, and mathematics courses above 231.

Concentration in Environmental Science: In addition to the requirements stated above, the required courses are CHE 270, 306, 315, BIO 320, ENV 170/171, and at least 6 credits of concentration electives from the following set: chemistry courses numbered 201 and above, biology courses numbered 201 and above, physics courses numbered 201 and above, and mathematics courses above 231.

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

Associate in Science Degree (A.S.) in Chemical Technology: 25 credits in chemistry courses numbered 151 or higher including 300, 305, 310, and 420; PHY 110-111 or PHY 212; and MAT 140 or higher. The chemical technology program prepares students for an immediate position as a research assistant or laboratory technician.

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.

Placement testing: Most science students will take CHE 151 and 152; however, well-prepared students may be able to place into CHE 253 or 300-level CHE courses. Students who place into CHE 253, and complete that course with a "C" or better, will also receive credit for CHE 151. 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.

MATHEMATICS (MAT)

For more information on mathematics programs, contact Sr. Carol Slinger, OSF, M.S., 317.955.6073 or by e-mail at carsling@marian.edu or mathandscience@marian.edu.

Major for Bachelor of Arts Degree (B.A.) in Mathematics: 34 credits in mathematics, including 209, 230, 231, 305, 310, 490, one of 340 or 420, one of 215 or 320, and two additional courses at or above 300. Also required are two science courses, one of which must be a laboratory course, chosen from BIO 202 or above (excepting 214), CHE 151 or above, ENV 170 or above, or PHY 110 or above. A grade of "C" or better in 231 is required in order to continue in the program.

Major for Bachelor of Science Degree (B.S.) in Mathematics: 60 credits in mathematics and science. 34-40 credits of the 60 are in mathematics, including 209, 230, 231, 305, 310, 490, one of 340 or 420, one of 315 or 320, and two additional courses at or above 300. The remaining credits are chosen from the following: BIO 201 or above (excepting 214), CHE 151 or above, PHY 110 or above. A grade of "C" or better in 231 is required in order to continue in the program.

Major for Bachelor of Science Degree (B.S.) in Mathematics with a concentration: 60 credits in mathematics and science. 34-40 credits of the 60 are in mathematics, including 209, 230, 231, 305, 310, 490, one of 340 or 420, and one of 315 or 320. Students must also complete the requirements of one area of a mathematics concentration. The remaining credits are chosen from the following: BIO 201 or above (excepting 214), CHE 151 or above, PHY 110 or above. A grade of "C" or better in 231 is required in order to continue in the program.

Concentrations:
The major program may also include a credit concentration in one of two areas:

Applied Mathematics:
At least three courses from 220, 315, 320, 321, 350, 430, or, if given approval, 380, 480, and 499.

Pure Mathematics:
At least three courses from 330, 331, 335, 340, 341, 420, 421, or, if given approval, 380, 480, and 499.

Minor: 20 credits including 230, 231, 310, and excluding 099, 102, 105, 115, 116, 130, 140, 142, and 215. A grade of "C" or better in 231 is required in order to continue in the program.

Minor in Mathematics for Elementary Educators:
18- 20 credits including 116, 200, 215 or 230, and two courses chosen from 130, 140, 209, 231, 310 and BUS/PSY 205.

Minor in Middle School Mathematics: 18 credits. For students who do not test into MAT 230, the required courses are MAT 116, 140, 142, 200, and 215. For students who test into MAT 230, the required courses are MAT 116, 200, 230, 231, and one additional mathematics course.

Teaching requirements: Students who wish to teach in this content area are required to take the common core. In addition, to fulfill the 34 hours for a B.A., they are required to take Advanced Geometry and either Probability and Statistics or Modern Geometries. They also minor in secondary education. Consult the School of Education for description of courses required.

PHYSICS (PHY)

For more information on physics program contact the School of Mathematics and Science at 317.955.6331 or by e-mail at mathandscience@marian.edu.

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

School of Nursing

Accreditation
Marian University offers programs in nursing leading to the associate degree or the bachelor degree, which are accredited by the Indiana State Board of Nursing, the National League for Nursing Accrediting Commission (NLNAC) for the associate degree, and Commission on Collegiate Nursing Education (CCNE) for the bachelor degree.

Program Admission and Progression
The programs prepare the student for the National Council Licensure Examination for Registered Nurses (NCLEX-RN). Marian University cannot guarantee eligibility for the NCLEX-RN to any student who has been convicted of a crime or felony. The decision regarding who may take the NCLEX-RN examination rests with the Indiana State Board of Nursing.

When seeking admission, applicants must meet with a School of Nursing academic advisor. The School of Nursing determines application deadlines twice annually, prior to each semester. **Admission to clinical nursing courses is competitively based on the clinical admission decision tree.** For detailed information on the specifics of this policy, contact the School of Nursing at 317.955.6250. Please note that curriculum and admission requirements are subject to change.

Marian University takes reasonable steps to ensure a clinical spot for all qualified students. Students must meet all the requirements of Marian University School of Nursing for the awarding of degrees. Transfer students are required to have a GPA of 2.80 for admission to Marian University School of Nursing. **In order to transfer a course into the nursing program, a grade of "C+" or higher is required for all nursing and required prerequisite courses, and a grade of "C" or higher for all general education courses. Please note that nursing courses from other institutions are not typically accepted.**

The Indiana State Board of Nursing Regulations requires that all students in the nursing program must achieve a grade of "C" or higher in all courses required for degree completion; this includes all required general education courses.

Prior to admission to the clinical track, BSN students are required to earn a grade of "C+" (77 percent) or higher in all prerequisite and required nursing courses. A failing grade in these courses is defined as any grade below "C+" (77 percent), and the failed course must be repeated. **A grade of "C" or above is required for all required general education courses.** A failing grade in these courses is defined as any grade below the required "C"; and the failed course must be repeated.

To progress in the nursing program, students must receive both a satisfactory grade ("S") in the clinical component of a nursing course **and** a "C+" (77 percent) or higher in the theory component to successfully complete the course. Receiving an unsatisfactory grade ("U") in the clinical component **or** below a "C+" in the theory component results in an "F" for the final grade in the course, and the student must repeat the entire course, theory and clinical.

While attempting to successfully complete a required nursing course, **a student may withdraw from any individual course only one time**. **A failed course may be repeated only once**. A repeated course is defined as enrolling a second time in a required course after previously completing the same course with a final grade, passing or failing.

Receiving a failing grade, lower than a "C+" (77 percent) in any two nursing courses (NUB or NUR prefix) results in automatic dismissal from the nursing program, and the student is ineligible for readmission to the School of Nursing for a period of five years. After five years have passed, the student may submit a written petition to the Admission, Progression, and Graduation Committee for a readmission decision.

IMPORTANT: All students, upon admission to the clinical courses, must submit a full criminal check which is available through the Indiana State Police. Students will not be allowed to begin clinicals until the criminal check is completed, cleared, and received by the School of Nursing. Students are responsible for notifying the Dean of the School of Nursing of any changes in their criminal status.

For further information concerning program progression, you may contact the School of Nursing at 317.955.6250 or by e-mail at nursing@marian.edu.

BACHELOR IN NURSING (NUB)

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

Admission requirements:

a) Admission to Marian University
b) Admission GPA of 2.80/4.00 or greater **based**

<u>on the following prerequisite courses</u>: BIO 114, 223, 224, CHE 100, and NUR 125. In addition, after students are enrolled at Marian University, a grade of C+ or better is required for successful completion, and **<u>must</u>** be obtained on the first attempt.

c) MAT 102 is waived as a prerequisite for students who have scored 500 or above on the SATM or 19 or above on the ACTM, but a course higher than MAT 102 must be successfully completed to fulfill the general education requirement. Nursing students are required to take statistics, BUS 205 or PSY 205. If the SATM is lower than 500 or the ACTM is lower than 19, mathematics placement testing must be completed before being placed into a mathematics course.

Required nursing courses are: NUB 210, 220, 255, 330, 340, 350, 400, 401, 416, 430, 440, 450; NUR 104, 125, 200, 231, 238, and three credits in nursing electives.

Additional designated courses required by nursing as part of the general education requirements are: BUS or PSY 205; COM 101; ECN 200, 201 or 202; ENG 101, 115; HIS 102; HUM 230, 231; PHL 130; PSY 101, 220, 230; SOC 101; THL 105, a second theology course 200-level or above; foreign language; and a cross-cultural class.

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.

Admission requirements:

a) Admission to Marian University
b) Previous bachelor or higher degree from an accredited college or university with a cumulative GPA of 2.80/4.00. In addition, after students are enrolled at Marian University, a grade of C+ or better is required for successful completion, and **<u>must</u>** be obtained on the first attempt.
c) Successful completion or transfer of the following **prerequisite courses** or their equivalent: BIO 114, 223, 224, CHE 100, NUR 125. A grade of "C+" or better is required for successful completion or transfer of credit.

Required nursing courses are: NUB 210, 220, 255, 330, 340, 350, 400, 401, 416, 430, 440, 450; NUR 104, 125, 200, 231, 238 and three credits in nursing electives. A grade of "C+" or better is required for successful completion of nursing courses.

Additional designated courses required by nursing as part of the general education requirements are: BUS or PSY 205; COM 101; ECN 200, 201 or 202; ENG 101, 115; HIS 102, HUM 230, 231; PHL 130, PSY 101, 220, 230, SOC 101, THL 105, a second theology course 200 level or above, foreign language, and a cross-cultural class.

Completion RN-BSN Program – for registered nurses seeking a bachelor of science degree in nursing. 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, 480; NUR 310, 350, 400, and 410.

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 *ART 139; BUS 205; COM 101; ECN 200; ENG 101, 115, *213; HIS 102; *MUS 127; PHL 130; PSY 101, 220, 230; SOC 101; THL 105, 216; foreign language; and a cross-cultural class. *Students who have taken HUM 230 and HUM 231 at Marian University may waive ART 139, ENG 213, and MUS 127.

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 science prerequisites.

<u>Business in Healthcare Minor - Open to Nursing Majors Only</u>: 18 credits including nine required credits in BUS 101, 358 (or equivalent), and ECN 315, and an additional nine credits from ACC 210, BUS 240, 351, 352, 401, and PSY 310.

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 500-599 designed 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
2FO - every other fall, odd year
2FE – every other fall, even year
2SO – every other spring, odd year
2SE – every other spring, even year
ADD – at the discretion of the department
SUM – summer
F20XX – specifies semester
Block 1 – MAT program summer semester
Block 2 – MAT program fall semester
Block 3 – MAT program spring 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. (FAL)

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. (SPR)

ACC 310
Advanced Managerial Accounting 3 credits
Prerequisite: 211. 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: 211. 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: 211. 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 330
Indiana CPA Society Case Competition 1-2 credits
Prerequisite: Faculty permission. The case competition is sponsored by the Indiana CPA Society to give Indiana college students the kind of practical experience they might use as a CPA in today's world. Students earn one credit for submitting a written case analysis meeting the specifications of the Indiana CPA Society. If the team advances to the oral presentation round, the team members earn an additional credit for participating in the oral round. Course may be repeated. Credits earned in this course will not be included in the 40-credit limit in the student's major. (FAL)

ACC 420
Advanced Accounting Topics 3 credits
Prerequisite or corequisite: 310. Specialized areas of accounting are studied, including governmental and not-for-profit fund accounting, and other advanced accounting topics. (ADD)

ACC 430
Tax Accounting 3 credits
Prerequisite: 211. 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
Advanced Tax Accounting 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 and Problems in Accounting and Finance **3 credits**
Prerequisite: FIN 310. Serves as the senior capstone course for accounting and finance majors. 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
Co-op/Internship in Accounting and Finance I, II, III **3-9 credits**
Prerequisites to 460: 211 and permission.
Prerequisites to 461: 460 and permission.
Prerequisites to 462: 461 and permission.
Designed to give qualified upper division accounting and finance major's 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. Cross-listed as FIN 460, 461, 462. Graded S/U. (ADD)

ACC 470
Accounting Internship **12 credits**
Prerequisites: Faculty permission, and participation in the 150-hour Accounting Certificate Program. Designed to give qualified upper division 150-hour Accounting Certificate Program students an immersion experience in the accounting profession, as students work full-time for sixteen weeks. 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. 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 **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. With the exception of ARH/ART majors, this course partially satisfies the general education requirement in the cultural awareness category. (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. Cross-listed as SOC 248 (2FO).

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. (F2014)

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. (F2011, F2015)

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. (F2012, F2016)

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. (F2013)

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. (S2012, S2016)

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. (S2013, S2017)

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. (S2015)

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. With the exception of ARH/ART majors, this course partially satisfies the general education requirement in the cultural awareness category. (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. (S2014)

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 104
Basic Drawing **3 credits**
Introduction to basic drawing skills including contour drawing, gesture drawing, rendering, figure drawing, and perspective drawing. Six contact hours per week. (FAL)

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 106
Principles of Design I **3 credits**
An introduction to art through the study of the elements and principles of design. Design theories are studied and students are introduced to commonly used terminology. Six contact hours per week. (FAL)

ART 109
Design Principles for Communication **3 credits**
This introductory course provides an overview of the visual process and the impact of design on culture and the environment. Giving meaningful visual form to communication, the student gains primary understanding of perception and problem-solving skills as they relate to graphic design. (FAL)

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. (SPR)

ART 206
Design and Color Theory **3 credits**
Prerequisite: 106. 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. (SPR)

ART 220
Watercolor **3 credits**
Recommended prerequisite: 221. 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**
Recommended prerequisite: 104 or 106. 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**
Prerequisites: 106 or 109, and 206. Visual communications including the design of letterforms and the principles of visual organization which are introduced in this typography course. A historical context is established by teaching handset type and relief printing as a foundation for letterform and composition design and to explore visual problems which integrate type with drawing concepts and the computer. Six contact hours per week. (SPR)

ART 229
Computer Graphic Design I **3 credits**
Prerequisite: 106, 206, or permission. An introduction into the use of the Macintosh computer system and software such as PageMaker, Quark Express, Adobe Illustrator and PhotoShop, and other current computer programs used in the production of graphic design. Six hours contact per week. (FAL)

ART 237
Printmaking I **3 credits**
Prerequisite: 104, 106, or instructor permission. 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. (2SE)

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

ART 300
Sculpture **3 credits**
Prerequisite: 201 is recommended. 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. (2FE)

ART 304
Advanced Drawing **3 credits**
Prerequisite: 104. 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 **2 credits**
Prerequisite: 105. 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**
Prerequisite: 221. 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. (2FO)

ART 322
Advanced Two-Dimensional Art **3 credits**
Prerequisites: 104 or 321, or permission. 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. (SPR)

ART 326
Publication Design **3 credits**
Prerequisite: 226 or permission. This course includes exercises which concentrate on visual syntax. These exercises, which include multiple page layout design, will strengthen the student's ability to: apply typography skills, understand time/movements interaction between the viewer and design work, and recognize the importance of design being applied to all parts of the piece. Emphasis is given to publication design working with Adobe Photoshop, Illustrator, and In-design and basic production techniques. (2FO)

ART 327
Creative Thinking in Graphic Design **3 credits**
Prerequisite: 226 or permission. In this course, students explore creative, unusual, and unexpected way of bringing surprise elements into their design projects (i.e. students must apply advanced problem solving and visual techniques to traditional subject matter). Students delve into hierarchy, the interrelationship of imagery with words, and strengthening message/imagery interaction. (2SE)

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 349
Movements in Graphic Design **3 credits**
Prerequisite: 229 or permission. This course will teach students about the history of graphic design and how the fine arts developed into graphic design. How design movements began, where they evolved, and how they came about will be studied. This course will review the relationships between fine art and graphic design. Research and reading will be a large part of the course as well as creating projects in the style of the movement studied. The process of learning in the "Movements in Graphic Design" class will be from lectures, research, writing, analyzing the written essays as well as analyzing the visual work. (SPR)

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 4 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 426
Identity Systems and Logo Designs 3 credits
Prerequisite: 226 or permission. Students seek functional design solutions that meet specific communication goals (i.e. students will look at how designers problem solve for clients). Through library and internet research, target market analysis, client need assessment, written explanations, sketching, and brainstorming students will realize a final idea that reflects an entire visual/verbal identity system. Students will apply production skills to their final work. (2FE)

ART 427
Package Design 3 credits
Prerequisite: 226 or permission. This course explores the process by which packaging and product promotions are designed (i.e. how graphic design interacts with three-dimensional objects for display). This course requires written and verbal skills in communication as well as visual and compositional understanding. At this level, students are expected to have a well-rounded foundation of compositional design problem-solving skills. (2SO)

ART 429
Web and Media Design 3 credits
Prerequisite: 229. This course focuses on the creation of time-based, sequential, and interactive designs for the computer or video screen. Aesthetic, theoretical, and practical aspects are examined in the context. (ADD)

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. This course is an approved, not-for-pay internship or work experience for Marian University students majoring in a particular area in the visual arts. Students must have completed 80 credits towards degree with at least 30 credits taken at Marian University. 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 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. This course is an approved, not-for-pay internship or work experience for Marian University students majoring in art therapy. Students must have completed 80 credits towards degree with at least 30 credits taken at Marian University. 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 2 credits
This class focuses on professional practices in the studio and graphic arts. Students are guided toward career or graduate school admittance, and receive instruction in resume writing and guidance in crafting an artist's statement. Students receive help and encouragement in applying to juried shows, and are assisted in preparation of their senior portfolios. Two 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 150
Biology I - General Biology 4 credits
Basic principles of biology from the molecular level through the cellular level of organization. Three lecture hours and three lab hours per week. This course partially satisfies the general education requirement in the scientific and quantitative understanding category. (FAL)

BIO 201
Academic Tools of Science 1 credit
This course will prepare science students with all the essential tools required to do academic science. Students will learn how to use the library and the internet to identify high quality published research. With this as technical underpinning, students will learn how to write a primary research paper, how to write a review article, how to make and deliver an oral presentation. One semester hour, one lecture period per week, no laboratory period. Cross-listed as CHE 201. (FAL)

BIO 202
Evolution and Ecology 4 credits
Prerequisites: (1) one year of high school biology, (2) CHE 110 or CHE 151 (or concurrent). This course examines the relationships 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. Four semester hours, three lecture periods per week, one laboratory period per week. (FAL)

BIO 203
Genes and Genomics 4 credits
Prerequisites: (1) one year of high school biology, (2) CHE 111 or CHE 152 (or concurrent). This course presents the basic principles of genetics and genomics. In this course, students will examine how DNA fulfills its essential roles and the linkage of the stored information to its protein products. This linkage will be examined from both a biological as well as a computational perspective. Four semester hours, three lecture periods per week, one laboratory period per week. (SPR)

BIO 204
Cell Biology 4 credits
Prerequisites: (1) one year of high school biology, (2) CHE 111 or CHE 152 (or concurrent). A study of molecular and cellular biology with emphasis on cellular metabolism and membrane phenomena. This course will provide biology majors with a comprehensive survey of all the essential structural and functional aspects of the biology of the cell. This information should be understood by anyone working anywhere within the biological sciences. Four semester hours, three lecture periods per week, one laboratory period per week. (SPR)

BIO 214
Introductory Microbiology 4 credits
Prerequisite: Not open to biology or chemistry majors. A study providing the basic requirements for a working knowledge of bacteria and related microorganisms, with emphasis on structure, metabolism, role in disease, and immune responses to infection. Three lecture hours and three lab hours per week. (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. Three lecture hours and four laboratory hours per week. (SEM)

BIO 226
General Human Physiology 5 credits
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 251
Kinesiology 2 credits
Prerequisite: 225. 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 ESS 451. (SPR)

BIO 252
Physiology of Exercise 2 credits
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 ESS 452. (SPR)

BIO 260
Botany **4 credits**
Prerequisite: BIO 201, 202, 203, and 204. Basic principles of botany, including plant anatomy, physiology, and taxonomy. Three lecture hours and three lab hours per week. (FAL)

BIO 270
Zoology **4 credits**
Prerequisites: 201, 202, 203, 204. This course examines the basic principles of zoology, including animal structure and function, evolution, behavior, and development. Three lecture hours and three lab hours each week. (2FE)

BIO 280/380/480
Special Topics **1-4 credits**
Prerequisite: 150. 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 305
Ecological Physiology **4 credits**
Prerequisites: 201, 202, 203, 204. This course addresses ecological questions about the controls over the growth, reproduction, survival, abundance, and geographical distribution of organisms, as these processes are affected by interactions between organisms with their physical, chemical, and biotic environment. Questions addressed by physiological ecologists include questions of ecology in a broad sense: habitat structure; including biotic and abiotic factors, climate and environmental science. Physiological ecology integrates biochemistry, biophysics, molecular biology, genetics, and physiology. This course will explore the field of ecological physiology in order to address 1) how organisms physiologically deal with environmental extremes 2) how organisms have evolved within particular habitats, and 3) the interplay and importance of examining the role of the environment in influencing individuals regarding current global environmental events. Three hours lecture and three hours lab each week. (2FE)

BIO 320
Ecology **4 credits**
Prerequisite: 201, 202, 203, 204. 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. (FAL)

BIO 321
Conservation Biology **3 credits**
Prerequisite: 201, 202, 203, and 204. 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 hours of lecture and one three-hour laboratory period per week. (2SE)

BIO 323
Ornithology **4 credits**
Prerequisite: 201, 202, 203, 204. An examination of the evolutionary history, ecology, and behavior of birds. The lab conssists mainly of field identification of species found in Indiana. Two hours lecture and one four-hour laboratory period per week. Lab fee required. (ADD)

BIO 327
Animal Behavior **4 credits**
Prerequisites: 201, 202, 203, 204. An examination of the behavior of animals from both ultimate (adaptive) and proximate (evolutionary history, physiological, and developmental) perspectives. Topics such as aggression, communication, and mating behavior are covered. Three hours of lecture and one three-hour laboratory period per week. (ADD)

BIO 328
Marine Biology **4 credits**
Prerequisites: 201, 202, 203, 204. More than 70% of the surface of the Earth is comprised of ocean environment. The sea, the largest ecosystem on Earth, is still largely unexplored, and just in the last few years, more than 12,000 new species have been discovered. In addition to the obvious fascination and mystery of the sea, the oceans have a significant impact on our climate, agriculture, transportation, food supplies, recreational opportunities, economics, politics, national defense and overall way of life. The climatiological and economic impact of El Nino and the Pacific Dodecadal Oscillation (PDO) alone dictate a need for a better understanding of the relationships between oceanic, atmospheric and terrestrial ecosystems. 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 everyday lives. Three hours lecture and three hours lab each week. (2SE)

BIO 330
Histology **4 credits**
Prerequisite: 201, 202, 203, and 204. 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: 201, 202, 203, and 204. This 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 normal presented in veterinary, dental, or medical school or for what would be expected of any graduate student studying physiology. Four hours of lecture and one three-hour laboratory period per week. (FAL)

BIO 340
General Microbiology 4 credits
Prerequisite: 201, 202, 203, 204. A general study of bacteria and related microorganisms; including metabolism, genetics, economic importance, as well as infectious diseases and the immune system. Three lecture hours and three lab hours per week. (2SE)

BIO 345
Immunology 3 credits
Prerequisite: 201, 202, 203, 204. A study of the vertebrate immune system and its relationship to disease and disease resistance. Three lecture hours. (2SO)

BIO 350
Developmental Biology 4 credits
Prerequisite: 201,202, 203, 204. A study of the development in higher organisms, including molecular processes and morphogenesis. Three lecture hours and three lab hours per week. (ADD)

BIO 355
Environmental Science and Policy 4 credits
Prerequisites: 201, 202, 203, 204. 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. (2SE)

BIO 360
Junior Internship 1-3 credits
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. Three credits earned in this course may count towards the credits required for the biology major, with any additional credits earned applied towards the total 60 credits of science required for the bachelor of science degree. (ADD)

BIO 361
Introductory Field Biology I 3 credits
Prerequisite: 201, 202, 203, 204. A beginning field experience, combined with lecture and laboratory time. Ten days on campus and at a field station. Study of flora and fauna of Southern Indiana woodland, field, and waters. Emphasis on land studies. (SUM)

BIO 362
Introductory Field Biology II 3 credits
Prerequisite: 201, 202, 203, 204. A continuation of 361, with the emphasis on water studies. (SUM)

BIO 370
Evolution 3 credits
Prerequisite: 201, 202, 203, 204. 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. (2FE)

BIO 372
Invertebrate Biology 3 credits
Prerequisite: 201, 202, 203, 204. 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 theme of the presentations will be: 1) the structure and function of each system; and 2) to place every topic into a framework of evolutionary adaptive significance. Three hours of lecture and one three-hour laboratory period per week. (ADD)

BIO 374
Vertebrate Biology 3 credits
Prerequisite: 201, 202, 203, 204. 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 presentations 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 hours of lecture and one three-hour laboratory period per week. (ADD)

BIO 398
Directed Junior Research 1-4 credits
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
Advanced Cell Biology 5 credits
Prerequisites: 201, 202, 203, 204, CHE 311, and CHE 312. 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. This course will provide upper-level students the opportunity to learn about the biology of the cell at a level of great depth. This is the kind of course expected to be in the background of anyone going on to professional or graduate school in the biological sciences. Three hours lecture and two three-hour laboratory sessions per week. (FAL)

BIO 415
Molecular Genetics 5 credits
Prerequisites: 201, 202, 203, 204, CHE 311, and CHE 312. This course presents the current ideas in molecular biology including the transfer and expression of genetic information, the interaction and hybridization of genes, molecular mutagens, and molecular evolution. In particular, this course will focus on the transmission and expression of genetic information. In the laboratory, students will examine the structure and function of the genetic material at the molecular level, replication and repair of the genetic material, and the regulation and expression of genetic information. Three hours lecture and two three-hour laboratory sessions per week. (SPR)

BIO 425
Endocrinology 4 credits
Prerequisites: 201, 202, 203, 204. This course examines the form and function of vertebrate endocrine system (including, but not limited to, humans). We will be studying a wide range of taxa that inhabit a variety of environments. The endocrine system works in conjunction with all known portions of an organism's cellular, tissue, and organ systems in order to chemically communicate changes in an organism's internal as well as external environment. The study of the endocrine system is of paramount importance due to its wide scope of influence. The endocrine system not only functions to maintain homeostasis within an individual, but also communicates changes in the environment that an individual inhabits and allows that individual to make the appropriate changes to ensure survival. We will explore how the endocrine system works to accomplish four broad scale goals of survival: 1) to promote normal development, 2) to maintain homoeostatic balance, 3) to allow an organism to interact and react with the changing environment, and 4) to allow for reproduction. Students interested in graduate school as well as professional school (pre-med, pre-vet, dental, nursing, PT, genetic counseling, biochemistry, and health outreach/education) will find this course particularly useful. Three hours lecture and three hours lab each week. (2FE)

BIO 434
Advanced Physiology of Exercise 4 credits
Prerequisites: 201, 202, 203, 204, and CHE 110-111 or CHE 311-312. 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 sessions. Three hours lecture and three hours laboratory per week. (SPR)

BIO 440
Principles of Bioinformatics 4 credits
Prerequisites: 201, 202, 203, 204, CHE 311-312, and MAT 310. This course presents the essential components of bioinformatics as a scientific discipline for the organization and analysis of DNA sequence data. 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 hours lecture and three hours laboratory per week. (FAL)

BIO 451/452/453
Medical Technology Clinical 30 credits
Prerequisite: 201, 202, 203, 204. A 12-month sequence of lab and clinical experiences, meeting in a hospital five days a week for 40 hours per week. 452 and 453 are continuations. (Annually)

BIO 460
Internship in Biology 1-6 credits
Prerequisite: 201, 202, 203, 204. 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. Three credits earned in this course may count towards the 35 credits of biology required for the major, with any additional credits earned applied towards the total 60 credits of science required for the bachelor of science degree. (SEM)

BIO 462
Environmental Education and Interpretation **2 credits**
Prerequisite: 201, 202, 203, 204. Students will learn to "interpret" nature to a variety of audiences. The students will then apply the interpretive process to programs developed for the Marian University EcoLab. One lecture and three hours laboratory per week. (ADD)

BIO 463
Restoration Ecology **2 credits**
Prerequisite: 201, 202, 203, 204. In this course we will learn the basic principles and process of ecological restoration and apply it to specific projects within the Marian University EcoLab. One lecture and three hours laboratory per week. (ADD)

BIO 465
Geographic Information Systems **2 credits**
Prerequisite: 201, 202, 203, 204. 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. One lecture and three hours laboratory per week. (ADD)

BIO 490
Biology Seminar **3 credits**
Prerequisite: 150, senior biology majors. A venue for the presentation of current biological, medical, and environmental research topics by outside speakers. The emphasis is on facilitating the seniors' career pursuits and exposing them to a myriad of post-graduate opportunities. The process of resume writing and electronic job search are discussed. The general education theme and readings are also integrated into the course. Attendance at convocation(s) is required. All students must take the ETS Biology Field Exam. (FAL)

BIO 498
Directed Senior Research **1-4 credits**
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: 201, 202, 203, 204. 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 administration. Students acquire an understanding of and appreciation for business functions and career opportunities. All major aspects of business activity are covered. (SEM)

BUS 135
Survey of the Motorsport Industry **3 credits**
This course addresses such topics as history of the industry, growth of the sport nationally and worldwide, and economic impact of the industry for cities that host races. A survey of sanctioning organizations, industry-specific attributes, and a look at career opportunities are included. (FAL)

BUS 205
Statistical Methods **3 credits**
Prerequisite: MAT 105. 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 partially satisfies the general education requirement in the scientific and quantitative understanding category.
Cross-listed as ECN 205. (SEM)

BUS 222
Race Team Management **3 credits**
Prerequisites: 135 and 139. An in-depth analysis of managing a race team, this course will introduce the student to the concept of team organizational structure. Students will be familiar with the potential of effective teams and their ability to accomplish tasks that the individual could not accomplish alone. Students will develop an understanding of the power of teams and the importance of their components consisting of structure, process, culture, and politics. Topics will include developing a business plan, writing a mission statement, team structure, strategic goals and objectives, budgeting and financial accounting, marketing and public relations, risk management sponsorships, and contracts. Students will be exposed to current practicing professionals through guest lectures. A conceptualized race team business plan will be the capstone project for this course. (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. (SEM)

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. (SEM)

BUS 260
Business Practicum **1-3 credits**
Prerequisites: Departmental permission 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: 101 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. (FAL)

BUS 264
Accounting and Finance
for Small Business **3 credits**
Prerequisite: 101. This course is an introduction to accounting principles, practices, and systems for entrepreneurs and proprietors of small businesses. Integrated in the accounting principles is financial statement analysis including ratio analysis, time value of money, and the risk/return tradeoff. (ADD)

BUS 280, 380, 480
Special Topics in Business **1-4 credits**
Selected topics of interest to the business administration field. (ADD)

BUS 290
Business Career Seminar **3 credits**
Prerequisite: Sophomore class standing 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. (SEM)

BUS 303 **3 credits**
Legal Aspects in Sport Environments
See ESS 354. (ADD)

BUS 305
Business Research Methods **3 credits**
Prerequisite: 205. Students prepare a research paper applying statistical methods to real-world applications. (ADD)

BUS 311 **3 credits**
Sport Facility and Event Management
See ESS 310. (SPR)

BUS 317
Business Internet
Applications Design **3 credits**
Prerequisite: 101 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. Cross-listed as MIS 317. (SPR)

BUS 325
Business Creation
and Development Consulting **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. (SEM)

BUS 330
Leadership **3 credits**
Prerequisite: 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. (ADD)

BUS 338
Global Marketing **3 credits**
Prerequisite: 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. (2FE)

BUS 341
Promotion **3 credits**
Prerequisite: 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. (2FO)

BUS 342
Selling and Sales Management **3 credits**
Prerequisites: 240 and 250. 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. (2SE)

BUS 344
Marketing Research **3 credits**
Prerequisite: 205 and 240. 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. (2SE)

BUS 346
Marketing Management **3 credits**
Prerequisites: 240, 250, ECN 201 and 202, 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. (2SO)

BUS 348 **3 credits**
Sport Marketing and Sponsorships
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: 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. (SEM)

BUS 351
Human Resources Management **3 credits**
Prerequisite: 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: 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. (2SE)

BUS 353
Small Business Management **3 credits**
An introduction to the major areas of small business management and entrepreneurship. Major topics include organization and planning, financial planning, marketing functions, operational management, and accounting/taxation. (ADD)

BUS 356
Principles of Real Estate **3 credits**
See FIN 356. (2SO)

BUS 357
Principles of Risk and Insurance 3 credits
See FIN 357. (2SE)

BUS 358
Law in the Modern Workplace 3 credits
Prerequisite: 250. 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. (2SO)

BUS 360
Co-op/Internship in Business 1-6 credits
Prerequisites: Departmental permission and junior or senior class standing. Students work in supervised public or private industry positions related to their specific areas of study in either an internship or co-op status. Positions are expected to be at least at the managerial trainee level. 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. The course may be repeated in subsequent semesters for an accumulated total of six credits. Co-op/Internship credits do not count toward credits required in the major. Graded S/U. (SEM)

BUS 361
Employee Training and Development 3 credits
Prerequisite: 250. A study of the interrelatedness of lifelong learning, training needs and methods, and career development for today's employees. Emphasis includes adult learning theory, training concepts and program development, and career progression through effective planning, curriculum design, needs assessment, transfer-of-learning, and performance appraisal systems. (ADD)

BUS 362
Compensation and Benefit Management 3 credits
Prerequisite: 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. (2SO)

BUS 363
Global Human Resources 3 credits
Prerequisite: 351 or permission. 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). (2SE)

BUS 365
Service Learning 1-3 credits
Prerequisites: Junior/senior business major; faculty permission. The Service Learning in Business Program is designed to give on-the-job educational experiences with not-for-profit organizations to qualified students majoring in the business department or minoring in business creation and development. This introduction to practical, supervised work experience is related to the student's area of study. Placement is arranged after application and approval by the department faculty. The student and employer give periodic reports and evaluations. The not-for-profit organizations have no financial commitments to the students. A minimum of 180 hours of actual work experience is required to earn three credits. Service learning credits do not count toward credits required in the major. Graded S/U. (SEM)

BUS 370
The Nonprofit Organization 3 credits
Prerequisite: 101. This course examines the origins and history of nonprofit organizations in the United States and the global environment, provides a perspective and a sense of the magnitude and scope of the nonprofit sector, and explores its relationships with traditional business and with government. The course addresses social, political, economic, cultural and ideological issues, and outlines and analyzes types and characteristics of nonprofits and projections for the future. Classes include lectures, discussions, team project meetings, and guest speakers. (2SO)

BUS 371
Nonprofit Financial Management 3 credits
Prerequisite: ACC 210. Through a general survey of the field of nonprofit financial management, students acquire an understanding of and appreciation for supervisory level financial functions in nonprofit organizations. All major aspects of financial management are covered. Cross-listed as FIN 371. (2FO)

BUS 372
Creativity and Change 3 credits
Prerequisite: 240 or 250. 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. (2SE)

BUS 373
Philanthropy and Fundraising 3 credits
Prerequisite: 101 or permission. A study of the nonprofit organization from a variety of viewpoints. Topics include securing adequate resources, planning, management, role of boards of directors in fundraising, and forms of resources. (ADD)

BUS 374
Law and Ethics for the Entrepreneurial Company 3 credits
Prerequisite: 262. This course is an integrated study of the role of law and propriety, ethics, morality, and social responsibility in an entrepreneurial environment. Students are challenged to better understand the multiple legal issues and the difficult ethical dilemmas faced by entrepreneurs in the workplace. Students improve their skills in analyzing and resolving legal business issues and ethical conflicts, and critically examine assumptions and values that stakeholders have in complex business decisions. (ADD)

BUS 375
Grantsmanship and Proposal Writing 3 credits
Prerequisite: 101 or permission. This class will examine the practical skills of researching and writing solid proposals and will serve as a part of a solid approach to nonprofit management. The knowledge of funding sources and the development of new sources will be studied. (ADD)

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 445
National Student Advertising Competition 3 credits
This course encompasses intensive investigation of the special problems involved in developing campaign concepts. Using the AAF National Student Advertising Competition to determine client, budget and campaign objective, students will develop an advertising/marketing/media strategy. The fully developed and designed marketing communications campaign will be ready to present to a panel of industry executives at the AAF District Conference in the spring and, if selected to advance, the AAF National Conference in early June. This course can be repeated; only 3 credits can count toward the major. (SPR)

BUS 450
International Business 3 credits
Prerequisite: 240, 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. (2FE)

BUS 455
Arts Business Management 3 credits
Prerequisite: 101. A comprehensive study of management principles in the arts, with emphasis on the organizational structure unique to not-for-profit cultural organizations; the legal, fiscal, and developmental responsibilities including the marketing and administration of theatres, museums, and concert halls. (ADD)

BUS 485
Business Creation and Development Capstone 3 credits
Prerequisite: 240, 250. This course is the capstone experience for those students completing the minor or concentration in business creation and development. The featured project in this course is the business plan. The student will produce a professional quality business plan suitable for financial acquisition or strategic management of a company. (2SO)

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. (FAL)

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. (SPR)

CHE 151
General Chemistry I **4 credits**
Prerequisite: One year of high school chemistry, or either CHE 100 or 110, or instructor permission. Also, high school pre-calculus with a grade of "C" or better, or MAT 140. 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. (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 201
Academic Tools of Science **1 credit**
This course will prepare science students with all the essential tools required to do academic science. Students will learn how to use the library and the internet to identify high quality published research. With this as technical underpinning, students will learn how to write a primary research paper, how to write a review article, how to make and deliver an oral presentation. One semester hour, one lecture period per week, no laboratory period. Cross-listed as BIO 201. (FAL)

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. (FAL)

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. (FAL)

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 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. (2FE)

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 the major classes of organic compounds. Laboratory focuses on fundamental laboratory techniques of organic chemistry, introduction to spectroscopic methods of compound identification, and general synthetic methods. Three lecture hours and three lab hours per week. (FAL)

CHE 306
Organic Chemistry II **4 credits**
Prerequisite: 305. A continuation of CHE 305. Three lecture hours and three lab hours per week. (SPR)

CHE 310
Biochemistry **4 credits**
Prerequisite: 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; laboratory procedures used in the study of proteins and other biomolecules. This course may be used to fulfill elective requirements in biology, or minor requirements

in chemistry, but not both. Three lecture hours and three lab hours per week. (FAL)

CHE 311
Biochemistry I **4 credits**
Prerequisite: 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. (FAL)

CHE 312
Biochemistry II **4 credits**
Prerequisite: 311. A continuation of CHE 311. Three lecture hours and three lab hours per week. (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. (SPR)

CHE 325
Physical Chemistry I **4 credits**
Prerequisites: 152 or equivalent preparation and MAT 230, 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. (ADD)

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 or instructor permission. Molecular structure, kinetics, and mechanisms with emphasis on the most recent advances in organic chemical theory. Three lecture hours per week. (ADD)

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, optical spectroscopy, atomic 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 and MAT 315. Advanced topics in physical chemistry continuing from 326. Three lecture hours per week. (ADD)

CHE 430
Advanced Inorganic Chemistry **3 credits**
Prerequisite: 320, 321, or instructor permission. 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. (ADD)

CHE 435
Physical Biochemistry **4 credits**
Prerequisites: 312 and 326. 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: Junior or 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 an ACS-style manuscript and a formal oral 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 report must be written in the form of a scientific paper presented to an appropriate audience and accepted by the department in order to receive credit. May enroll for two or three credits. (ADD)

COL 099
College Reading and Learning Strategies 3 credits
This developmental course includes instruction in learning strategies such as notetaking, 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, 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)

COL 101
Career Exploration 2 credits
The study of the world of work from an objective viewpoint as well as from the subjective, focusing on the individual's interests, skills, aptitudes, and desires concerning his/her work environment. Students assess various life styles and the importance of interpersonal communication skills. Students become acquainted with the techniques, procedures, and resources helpful in a successful job search campaign. A rational approach to the career decision-making process is also investigated. 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 111
First Year Experience 1 credit
This course is designed to help students make a successful transition to the social and academic life of Marian University. To help students gain maximum benefits from college life, the course explores Marian University's heritage, structure, and mission, and connects students with faculty, staff, student leaders, facilities, resources, services, opportunities, Franciscan values, and learning goals. The class meets twice weekly. (FAL).

COL 360
Career Exploration Internship 1-3 credits
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
General instruction in the principles of effective public speaking. Primary emphasis on performance, speech construction, and understanding basic rhetorical theory. This course partially satisfies the general education requirement in the effective communication category. (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 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 **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. (2FO)

COM 235
Oral Interpretation of Literature **3 credits**
Prerequisite: 101. 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. (ADD)

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. (2SE)

COM 330
Speech Writing **3 credits**
Prerequisite: 101. This course introduces students to the methods and techniques of effective speech writing. As they practice writing for the ear, students will exercise various rhetorical devices, sentence patterns, and organizational strategies. Students will also analyze exemplary speeches in religious, political, and ceremonial contexts. A practice-centered workshop, the course includes revising speeches as a part of a team, speeches that will often be performed by someone else. (2FE)

COM 351
Civil Religion in America **3 credits**
Prerequisite: Junior standing. Civil religion refers to the complex web of myths, rituals, and beliefs about the sacred that are reflected in public discourse. This class examines the role of religious language in public advocacy. Students investigate topics such as the roots of American civil religion in Judeo-Christian traditions, the relationship between civil religion and American identity, and the challenge of respecting religious pluralism in public debate. (ADD)

COM 352
Popular Culture and Postmodernity **3 credits**
Prerequisite: Junior standing. This course explores the seemingly chaotic cultural production, performance, and fragmentation of identities associated with race and ethnicity, gender and sex. 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 what it means to describe American culture as postmodern. (ADD)

COM 353
Prophetic Social Criticism **3 credits**
Prerequisite: Junior standing. This course considers the nature of social criticism and explores prophetic protest as a historical genre of American public discourse. What are the characteristics of a prophetic voice? What are the ethical criteria by which we may evaluate prophetic speech? The course investigates the influence of public intellectuals and radical reformers in political and religious social movements. (ADD)

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. (ADD)

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 375
Film Studies 3 credits
See ENG 375. (ADD)

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 401
Advanced Public Speaking 3 credits
Prerequisites: 101 and senior standing. 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. (2SO)

COM 410
Communication Ethics 3 credits
Prerequisite: Junior class standing. This course analyzes the ethical standards that define responsible communication. The issues to be addressed include accountability and freedom of expression; the value of truth; media and social inequality; and the values cultivated by the entertainment industry. (ADD)

COM 440
Community Organizing for Social Justice 3 credits
Prerequisite: Junior class standing. This course explores the role of rhetoric in creating social change. Drawing from theory and concrete examples of social struggles across recent history, we examine the strategies, questions, and dilemmas that confront individuals using their voices to build a more just society. Practical lessons emerge concerning the ethics and effectiveness of various forms of activism, building alliances, systemic barriers to change, the role of the media, ethical dilemmas, and the place of mainstream political parties in social protest. (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)

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 the general education requirement in the individual and social understanding category. (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. This course partially satisfies the general education requirement in the individual and social understanding category. (SEM)

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. This course partially satisfies the general education requirement in the individual and social understanding category. (SEM)

ECN 205
Statistical Methods 3 credits
See BUS 205. (SEM)

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 301
Intermediate Macroeconomic Theory 3 credits
Prerequisites: 201 and MAT 140. Analysis of factors determining levels of national income and employment, including consumption, investment and government fiscal policy, with applications to problems of economic instability, inflation, and growth. (2SO)

ECN 302
Intermediate Microeconomic Theory 3 credits
Prerequisites: 202 and MAT 140. Theory of demand and production, pricing under different market conditions, partial and general equilibrium theory, and welfare economics. Analysis of economic problems and technology changes in firms and industries. (2FE)

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: 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 345
The Economics of Law 3 credits
Prerequisite: 202 or permission. This course uses economic analysis to understand and interpret the evolution and application of legal principles. Economic concepts such as economic efficiency, opportunity costs, externalities, transaction costs, allocation of risk, and the law of demand are used in the application and effects of the law. The course applies economic principles to five main areas of law: property, contracts, torts, criminal law, and legal procedure. Court cases are used to facilitate the learning of economics and law. (2FE)

ECN 350
Money and Banking 3 credits
See FIN 350. (ADD)

ECN 420
History of Economic Thought 3 credits
Prerequisite: 201 or 202 or permission. An analysis of the history and development of economic theories and of their political and social impact. (2FO)

ECN 499
Independent Study 1-3 credits
Prerequisite: Permission. Guided readings and research. (ADD)

EDU 120
Technology in Education 2 credits
This course is designed as an introduction to the use of computers and related media for education majors. Lab activities include computer system operation, software evaluation, use of teacher utilities such as word processing, database and spreadsheets, graphics programs, authoring, webquests, and multimedia. The student learns how various types of computer-assisted instruction can be implemented in the classroom. (SEM)

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. (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, and the history of schools, particularly in the twentieth and twenty-first centuries. Current trends and issues are also explored. The course requires students to work in various classrooms one morning per week. (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. (SEM)

EDU 230
The Inclusive Classroom 3 credits
The course addresses the needs of students with special needs in regular education classrooms at all levels. This course provides an overview of the range of abilities, appropriate observational skills, adaptation of curriculum, instruction, and assessment, and legal requirements. (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 263
Middle School Environments 4 credits
This course is designed for those seeking a Secondary Education minor (grades 5-12) or adding Middle School to an Elementary Education major. This course emphasizes knowledge of the middle school structure, its purpose and the role of the educator at the adolscent developmental level. Middle School environments and teaching practices are discussed through eight hours of environmental observations required of the students. Middle School Developmental State Standards for Teachers are introduced and developed throughout the course content. (SPR)

EDU 280, 380, 480
Special Topics in Education 3 credits
Prerequisite: Successful completion of Phase I and permission. Selected topics approved by the School of Education. (ADD)

EDU 314
Teaching and Learning in Kindergarten 3 credits
Prerequisite: Successful completion of Phase I. 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
Prerequisite: Successful completion of Phase I. 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: Prerequisite: Successful completion of Phase I of the undergraduate program or permission of Secondary Education Advisor. See EDU 518. (FAL, SUM)

EDU 325
Teaching in a Diverse World 3 credits
Prerequisite: Successful completion of Phase I. 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 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 338
Curriculum and Methods for Exceptional Needs 3 credits
Prerequisites: 130, 233, and successful completion of Phase I. This course includes examination, discussion, evaluation, and use of the materials available in the inclusive classroom and in a resource room with children with exceptionalities. (SPR)

EDU 339
Curriculum and Methods: MS/HS Exceptional Needs 3 credits
Prerequisites: 130, 233, and successful completion of Phase I. 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 or 230, PSY 220, and successful completion of Phase I. 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 and successful completion of Phase I. 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 4 credits
Prerequisite: Successful completion of Phase I and 263. 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 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. This course partially satisfies the general education requirement in the cultural awareness category. (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 Consultation 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. (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 integrating newspapers into education. (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. This course is taken the semester prior to student teaching. (SEM)

EDU 454
Teaching in the High Schools 3 credits
Prerequisite: Successful completion of Phase I. This course includes development of curriculum for high school students. Students study general methods and teaching strategies. Additional topics include student outcomes; adaptation for special students, cultural diversity and minorities; reporting student progress; skill in interpersonal relations, including parent involvement. This course may include a required practicum. (SPR)

EDU 456
Methods of Teaching High School Content 2 credits
Prerequisite: Successful completion of Phase I. Secondary education students will do in-depth study and application of methods and techniques appropriate to the subject area and age level of students. Specific attention is given to lesson planning, construction of tests, evaluation of learning, materials and resources, different ability level needs, selection of appropriate materials and techniques, and professional growth of a teacher. This course is a field-based methods class with a high school teacher in the content area. (FAL)

EDU 458
Methods of Teaching
Middle School Content 2 credits
Prerequisites: Successful completion of Phase 2; also 263, 352, PSY 220 or 365, which may be taken concurrently. This course is designed to assess future middle school teachers' knowledge of teaching, curriculum development, and content for early adolescents. Specific attention is given to planning, assessments, materials and resources, adaptations for student differences, classroom management, and professional growth as a middle school teacher. This course is a field-based methods class taught by middle school teachers in the various content areas. The Phase 2 process for middle school licensing is embedded application of methods and techniques appropriate to early adolescents and the content area being licensed. (SPR)

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 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 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)

EDU 505 3 credits
Child Development and Observation
Prerequisite: Permission of appropriate program director. This course involves foundational coursework and observation in a school setting. This course examines children's and adolescent's physical, cognitive, language and literacy, social, emotional, and moral development. Self-concept, identity and motivation, and exceptionality areas also addressed. Themes of diversity and working with parents are also woven throughout this course. The observation portion of the course emphasizes ways of observing, recording, and analyzing children's behavior and development in relation to planning and implementing developmentally appropriate curriculum. (ADD)

EDU 514
Second Language Learning 2 credits
Prerequisite: Permission of appropriate program director. This course introduces the process and stages of second language acquisition, student capabilities at each stage, and the role of culture and acculturation in language acquisition. Teaching strategies and lesson and assessment modification are emphasized. (ADD)

EDU 515 Principles and Problems
of EC and MC Education 2 credits
Prerequisite: Permission of appropriate program director. This foundation course includes the following themes: politics of education, critical historical events, modern philosophical influences, schools as organizations, standards for teaching, educational equity, school reform, early and middle childhood and adolescent approaches to curriculum and instruction, and classroom management. (ADD)

EDU 516
Family and Teacher
in Diverse/Inclusive Settings 2 credits
Prerequisite: Permission of appropriate program director. This course examines critical research, collaborative community partnerships, conflict management, child guidance, and home/school partnerships. (ADD)

EDU 518
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 acquistion 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 318. (FAL, SUM)

EDU 519 3 credits
Best Practices in Teaching and Learning
Prerequisite: Permission of appropriate program director. This is a foundational course which strengthens the candidate's background in curriculum and instruction. Curriculum development, using state and national standards, teaching strategies, student engagement, materials and

resources, and assessing students are topics that will be covered. Candidates will keep a reflective journal to link teaching strategies with internship practices. (ADD)

EDU 520
Best Practices in Language Arts and Expressive Arts **3 credits**
Prerequisite: Permission of appropriate program director. This course integrates methods of teaching in content areas. Curriculum development, teaching strategies, materials and resources, and evaluating students are included. Students apply theories as they work with children in school settings. (ADD)

EDU 521
Best Practices in Language Arts and Social Studies **3 credits**
Prerequisite: Permission of appropriate program director. This course integrates methods of teaching in content areas. Topics include classroom diagnosis and techniques for assisting with reading problems, use of diagnostic instruments and methods and materials for remediation, use of reading in teaching social studies concepts, emphasizing the moral development of children and multicultural level appropriate literature. (ADD)

EDU 522
Best Practices in Science and Mathematics **3 credits**
Prerequisite: Permission of appropriate program director. This course strengthens the candidate's background in curriculum and instruction related to elementary and middle childhood and adolescent levels of mathematics and science, using manipulative, discovery learning, and problem solving. One Family Mathematics Night or Family Science Night is required. (ADD)

EDU 523
Exceptional Needs I **1 credit**
Prerequisite: Permission of appropriate program director. This course is designed for M.A.T. interns only and provides an overview of the range of abilities found in children who are educated in general education classrooms. Appropriate observation skills and strategies for adapting the curriculum are addressed. Information relating to the legal requirements regarding children with disabilities is included. Observation of meetings is required. (ADD)

EDU 524
Technology **1 credit**
Prerequisite: Permission of appropriate program director. This course is an introduction to the use of technology in elementary and middle childhood and adolescent classrooms. Students learn appropriate technology integration techniques. Lab activities include computer system operation, software evaluation, and use of teacher utilities. (ADD)

EDU 525
Children with Exceptional Needs II **1 credit**
This course is designed to provide a continuation of the content in EDU 523. More in-depth information will be included relating to specific disabilities and how to appropriately include these children within elementary classrooms. Collaboration strategies will be considered. Observation of meetings is required. (SPR)

EDU 527
Best Practices in Teaching a Foreign Language **3 credits**
Prerequisite: permission of appropriate program director. This course strengthens the candidate's background in curriculum and instruction related to teaching a foreign language K-12. This course will focus on creative techniques to address and teach the national and state foreign language standards related to communication, cultures, comparisons, connections, and communities. In addition candidates will learn what constitutes effective foreign language instruction through teaching experiences. Candidates will learn what constitutes an exemplary foreign language teacher and program. (FAL)

EDU 530
Assessment of Learning I **2 credit**
Prerequisite: Must be enrolled in the M.A.T. program. This course includes an overview of assessment practices in schools, focusing on traditional testing, standardized testing and alternative forms of assessment and evaluation. Modifications for special populations are also addressed. (ADD)

EDU 531
Assessment of Learning II **2 credit**
Prerequisite: Must be enrolled in the M.A.T. program. This course addresses using test results and class assessments to guide instruction in the K-12 classroom. Growth model statistics and the process of gathering and interpreting test data are addressed in this course.

EDU 532
The Inclusive Classroom **3 credits**
This post-baccalaureate course covers material at the K-12 level and is designed for students who are not obtaining the exceptional needs minor. The course provides an overview of the range of abilities found in children who are educated in general education classrooms. Appropriate observation skills and strategies for adapting the curriculum will be addressed. Information relating to the legal requirements regarding children with disabilities is included. Observation in actual classrooms is required. The collaborative role of the general education teacher will be considered. In-depth reading and writing and experience in school settings are expected. (ADD)

EDU 533
Assessment of Children with Exceptional Needs **3 credits**
This post-baccalaureate 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. In-depth reading and wring and experience in school settings are expected. (ADD)

EDU 535
Introduction to Children with Exceptional Needs **3 credits**
This post-baccalaureate 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. In-depth reading and writing and experience in school settings are expected. (ADD)

EDU 538
Exceptional Needs: Curriculum and Methods **3 credits**
This post-baccalaureate course will assist candidates in developing and adapting the curriculum to meet the needs of children with exceptional needs. Specific instructional strategies and materials will be reviewed. In-depth reading and writing and experience in school settings are expected. (ADD)

EDU 540
Mentoring the Beginning Teacher **3 credits**
Prerequisite: Bachelor degree or permission. This course is offered to seasoned teachers committed to the growth and development of beginning teachers, as well as to their own personal growth and development. It is designed to meet the INDOE/DPS mentoring requirements and successfully completing the course leads to state certification as a mentor. Topics considered in this course include: adult learning theory and principles, standards-based teaching practices, portfolio production and review, the INDOE/DPS Beginning Teacher Assessment Program, characteristics of "teacher as reflective practitioner," and others directly related to mentoring beginning teachers. Credits for this course may be applied toward license renewal through professional growth plans. (ADD)

EDU 549
Exceptional Needs: Collaborative Consultation **3 credits**
This post-baccalaureate course will engage students in the art of professional collaboration. Candidates will utilize techniques to ensure successful transitions, social skills, methods for conflict and behavior resolution, crisis intervention, and positive social development of children with exceptional needs. In-depth reading and writing and experience in school settings are expected. (ADD)

EDU 560
Internship **1-3 credits**
Prerequisite: Permission of appropriate program director. Each education program requires internship hours to earn licensure. Candidates should consult their handbooks for each program's required hours. A maximum of nine credits may be earned. (SEM)

EDU 568
Practicum: Exceptional Needs **3 credits**
This post-baccalaureate practicum will combine a weekly group 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. Candidates will transfer information from an evaluation report to an individualized education plan (IEP). In-depth reading and writing and experience in school settings are expected. (ADD)

EDU 580
Special Topics **3 credits**
Prerequisite: Bachelor degree or permission. Credits for these courses may be applied toward license renewal through professional growth plans. Please call the School of Education administrative assistant at 317.955.6089 for more information. (ADD)

EDU 590
Classroom Research I **2 credits**
Prerequisite: Permission of appropriate program director. This first part of a two-course sequence teaches the fundamentals of classroom-based research. (ADD)

EDU 591
Classroom Research II **3 credits**
Prerequisite: Permission of appropriate program director. This second part of a two-course sequence teaches the fundamentals of classroom-based research, culminating with a project paper and presentation required to complete the program.

ENG L10/20/30/40
Writing Tutorial **1 credit**
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, 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)

ENG 100
Student Newspaper **1-3 credits**
Students earning credit for this course are responsible for publishing the campus newspaper. Credits earned for news writing, layout and design, and/or editing, as contracted with the faculty advisor. Five hours a week are expected per credit. May be repeated for up to six total credits. Graded S/U. (SEM)

ENG 101
English Composition **3 credits**
In this course writing is promoted as a process of developing and shaping a text for an audience and a purpose. Students develop and practice inventing, revising, and editing strategies through multiple drafting assignments. Students can expect a high level of instructor feedback through written responses and/or conferences. This course partially satisfies the general education requirement in the effective communication category. (SEM, SUM)

ENG H01
Honors English Composition **3 credits**
Prerequisite: Students must meet honors program criteria. Requirements are identical to ENG 101, but content is enriched to challenge students with more experience in writing. Limited enrollment. This course partially satisfies the general education requirement in the effective communication category. (FAL)

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 107
The Fioretti **1-3 credits**
Students enrolled in this enhancement course are responsible for publishing the campus literary review, The Fioretti. Students will constitute an editorial board and will solicit and select manuscript submissions, edit manuscripts, and prepare the review for publications. Five hours each week per credit hour. May be repeated for up to six total credits. Graded S/U (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. This course partially satisfies the general education requirement in the effective communication category. (SEM)

ENG H15
Honors Written Analysis of Literature **3 credits**
Prerequisite: 101; students must meet honors program criteria. Requirements are identical to ENG 115, but content is enriched to challenge students with more experience in writing. Limited enrollment. This course partially satisfies the general education requirement in the effective communication category. (SPR)

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. (2FO)

ENG 206
Responding to Student Writing **1-3 credits**
Prerequisite: 115. Study and application of current composition and literacy theory as it relates to responding to student writing in peer tutoring and other teaching and learning environments. (SPR)

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 generally offered only in the adult program. (ADD)

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 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. (SEM)

ENG 249
Professional Writing in Education **3 credits**
Prerequisite: 115. Theory and practice of writing common professional forms in the field of education, including letters (to a range of potential audiences from school boards to professional organizations to parents), teaching philosophy statements, and proposals. Emphasis will be placed on analyzing and effectively responding to the various rhetorical contexts for such documents. (SUM)

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. (FAL)

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. Students will examine and practice major forms of non-fiction in order to understand the development of the essay genre since Montaigne as well as to expand their repertoire of critical and creative writing skills. Course includes significant workshop and research requirements. (FAL)

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. (ADD)

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. (FAL)

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. (SPR)

ENG 314
Early American Literature **3 credits**
Prerequisite: 115. A critical study of early American literature through the eighteenth-century, including material from

Native American cultures, the accounts of European explorers and colonists in North America, and the literature of the American Revolution and the early republic. Focuses on the construction of American identity and the birth of a national literary tradition. (Fall 2011)

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. (Fall 2012)

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. (Fall 2012)

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. (Spring 2012)

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. (2SO)

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 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: 115. Study of representative Shakespearean comedies, tragedies, and histories; consideration of historical and literary background. (2SO)

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 (S2013, S2016, S2019)

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. (S2014, S2017)

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. (S2012, S2015, S2018)

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. This course partially satisfies the general education requirement in the cultural awareness category. (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. (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 370
Advanced Creative Writing 3 credits
Prerequisite: 204 or permission. This course offers extended instruction and practice in creative writing. With each offering, the focus of the course includes one of the primary literary genres—poetry, fiction, playwriting, or nonfiction. Students may enroll twice in ENG 370, as long as the genre focus is different. (ADD)

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. (2FO)

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
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 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. Three hours of lecture. This course partially satisfies the general education requirement in the scientific and quantitative understanding category. (FAL)

ENV 171
Introduction to Environmental Science Lab 1 credit
Prerequisite or corequisite: 170. Application of environmental studies methods, through field and laboratory exercises. One three hour lab period. Lab fee required. In conjunction with 170, this course satisfies the lab portion of the general education requirement in the scientific and quantitative reasoning category. (FAL)

ENV 172 4 credits
Introduction to Environmental Science
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. (FAL)

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 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 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. $35 fee for state testing and license certification by the IHSAA. (2FE)

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 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 3 credits
Nutritional Principles for Sport and Exercise
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. (ADD)

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. (2FE)

ESS 344
Coaching of Basketball 2 credits
Prerequisite: 120. 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
Prerequisite: 120. 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
Prerequisite: 120. 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**
Prerequisite: 120. 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**
Prerequisite: 120. 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**
Prerequisite: 120. Techniques, theories, and principles of coaching soccer; offensive and defensive strategies, rules, organization, fundamentals, training methods, and athlete health and safety. (2SO)

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. Cross-listed as BUS 303. (ADD)

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. (ADD)

ESS 360
Internship **4-12 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. (ADD)

ESS 375
Scientific Principles of Strength and Conditioning **3 credits**
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. (ADD)

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 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. (2FO)

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. (ADD)

ESS 451
Kinesiology **2 credits**
See BIO 251. (SPR)

ESS 452
Physiology of Exercise **2 credits**
See BIO 252. (SPR)

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 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 and MAT 105 or placement into a higher-level math course. 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 Managerial Finance **3 credits**
Prerequisite: 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 or corequisite: 310 or ECN 201 or permission. 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. Cross-listed as ECN 350. (ADD)

FIN 356
Principles of Real Estate **3 credits**
Prerequisite or corequisite: 310. 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. Cross-listed as BUS 356. (2SO)

FIN 357
Principles of Risk and Insurance **3 credits**
Prerequisite or corequisite: 310. 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. Cross-listed as BUS 357. (2SE)

FIN 360
Investments **3 credits**
Prerequisite or corequisite: 310. 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. (2FO)

FIN 371
Nonprofit Financial Management **3 credits**
See BUS 371. (2FO)

FIN 420
Financial Institutions **3 credits**
Prerequisite or corequisite: 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. (2FE)

FIN 455
Cases and Problems
in Accounting and Finance **3 credits**
See ACC 455. (SPR)

FIN 460, 461, 462
Co-op/Internship in Accounting
and Finance I, II, III **3-9 credits**
See ACC 460, 461, and 462. (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 partially satisfies the general education requirement in the effective communication category. (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 partially satisfies the general education requirement in the effective communication category. (SEM)

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. (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. (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. (FAL)

FRE 230
Conversation in French **3 credits**
Prerequisite: 201, or equivalent knowledge of French. Development of skills required to participate in sustained conversation, to pose and to answer questions, and to present oral reports. This course is designed to help the student satisfy the requirements of routine school and social situations, and talk casually about topics of current public and personal interest. (SPR)

FRE 240
Advanced Grammar and Composition **4 credits**
Prerequisite: 201. The course is designed to help students develop concrete writing skills for a variety of writing tasks. The writing strategies lead students to write correct French sentences and paragraphs, to read and think critically, and to write convincingly in French. (2FE)

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 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.(2FO)

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. (2SE)

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. (2FO)

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. (2SE)

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. (2SO)

FRE 360, 460
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. (2FE)

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. (2SO)

FRE 490
Senior Seminar 1 credits
Prerequisite: Senior major in French. The seminar addresses the college-wide general education senior theme and text for the 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 SPA 490. French majors register concurrently in FRE 498. (FAL)

FRE 498
Guided Research for Majors 2 credits
Prerequisite: Senior standing. This course serves as a comprehensive review and demonstration of skills acquired by the French major. Students prepare specific projects which incorporate communication skills, cultural understanding, and the ability to research, organize, and present a topic of particular interest. The course requires a term paper and an oral presentation of the research in French. It is a capstone course and satisfies the degree requirement for the senior comprehensive. (ADD)

FRE 499
Independent Study 2-3 credits
Prerequisite: Junior or senior French major and permission. Guided readings and research. (ADD)

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 partially satisfies the general education requirement in the effective communication category. (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 partially satisfies the general education requirement in the effective communication category. (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 world view. (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. (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 century's. (ADD)

GER 230
German Conversation **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. (ADD)

GER 240
German Grammar and Composition **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. (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 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 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. (2SO)

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. (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
Gender, Sex, Sexuality 3 credits
Prerequisites: 200, 210. This course examines the gendered construction of various social institutions, including family, religion, and government, in a historical and cross-national context. (2FE)

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. (S2014, S2017)

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 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 the general education requirement in the cultural awareness category. (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 the general education requirement in the cultural awareness category. (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 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 315
Ancient and Medieval Political Theory **3 credits**
See POL 345. (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. (2SO)

HIS 336
Women and Gender in Modern Europe and North America **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 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. (2SE)

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. (2FE)

HIS 347
American Foreign Relations **3 credits**
See POL 347. (2FO)

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 353
Politics of Development **3 credits**
See POL 353. (2SE)

HIS 375
Social Movements **3 credits**
See SOC 375. (2SE)

HIS 380
Special Topics in History **2 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. (2FO)

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
Tae Kwon Do **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**
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 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. This course partially satisfies the general education requirement in the cultural awareness category. (FAL)

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. This course partially satisfies the general education requirement in the cultural awareness category. (SPR)

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)

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. (ADD)

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 paralegal program. (Term 3, Fall 2011)

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 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 paralegal program. (Term 4, Spring 2012)

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 paralegal program. (Term 5, Spring 2012)

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 paralegal program. (Term 7, Summer 2012)

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 paralegal program. (Term 8, Summer 2012)

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 paralegal program. (Term 9, Summer 2012)

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 paralegal program. (Term 1, Fall 2012)

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 paralegal program. (Term 2, Fall 2012)

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 paralegal program. (Term 4, Spring 2013)

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**
Traditional program: 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 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**
Adult program: 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. (Term 4, Spring 2013)

LAW 380
Special Topics in Law **3 credits**
Traditional program: 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**
Adult program: 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). (Term 4, Spring 2013)

MAT 098
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. Developmental courses, such as COL 099, count toward the credits required for degree completion, 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)

MAT 105
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. This course partially satisfies the general education requirement in the scientific and quantitative understanding category. (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. Three hours of lecture and two hours of lab per week. This course partially satisfies the general education requirement in the scientific and quantitative understanding category. (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. Semester projects include the development of a file of mathematics activities, a mathematics learning center, and group presentations. 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. 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 partially satisfies the general education requirement in the scientific and quantitative understanding category. (FAL)

MAT 140
College Algebra **4 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 partially satisfies the general education requirement in the scientific and quantitative understanding category. (FAL)

MAT 142
Trigonometry **2 credits**
Prerequisite: 140 or permission. Study of trigonometric functions, inverse trigonometric functions, and their graphs. The law of sines, the law of cosines, and sum and difference formulas are included. Applications are included in the solution of problems. (SPR)

MAT 200
Topics in Geometry for Educators **4 credits**
Prerequisite: 116. This course is designed to provide students with the opportunity to study and understand the concepts of the mathematical content needed for teaching mathematics at the middle school level. The course will help them to "discover" the why behind certain formulas, various ways to present the material, and deepen their understanding of the process of solution. Students will study topics in geometry and algebra appropriate for this level of teaching. (SPR)

MAT 209
Discrete Mathematics **3 credits**
This course begins the study of ideas of discrete mathematics including logic, techniques of proof, sets, relations, Boolean algebra, graph theory, recursion, counting techniques, and algorithms. This course partially satisfies the general education requirement in the scientific understanding category. (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 partially satisfies the general education requirement in the scientific and quantitative understanding category. (SPR)

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 partially satisfies the general education requirement in the scientific and quantitative understanding category. (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 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 4 credits
Prerequisite: 231. Study of systems of linear equations, vector spaces, matrices, determinants, linear dependence, bases, dimension, linear transformations, eigenvectors, and applications. Some time in class will be reserved for problem sessions and computer lab time. (2SE)

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. (2SO)

MAT 320
Mathematical Probability and Statistics I 3 credits
Prerequisite: 231. Elements of modern probability theory and its application in statistical inference. Representative topics: variability; probability in finite spaces; random variables; discrete and continuous distributions including normal, binomial, Poisson and hypergeometric; sampling; estimates of location; tests of hypotheses; regression and correlation; introduction to analysis of variance; rudiments of decision-making. (2FE)

MAT 321
Mathematical Probability and Statistics II 3 credits
Prerequisite: 320. A continuation of MAT 320. (2SO)

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: 209. 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 340
Abstract Algebra I 3 credits
Prerequisite: 209, 310. An axiomatic study of important algebraic systems, including groups, rings, fields, and vector spaces. (2FE)

MAT 341
Abstract Algebra II 3 credits
Prerequisite: 340. A continuation of MAT 340. (2SO)

MAT 350
Numerical Methods 4 credits
Prerequisite: 305. 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 380/480
Special Topics in Mathematics 3 credits
Prerequisite: Instructor permission. Special topics in mathematics as deemed necessary by needs of students. (ADD)

MAT 420
Real Analysis I 3 credits
Prerequisite: 209, 305. Introduction to analysis in Euclidean spaces. Elementary topological concepts; limits, continuity, and differentiation of mappings; integration of functions; convergence of sequences; and series of numbers and functions. (2FO)

MAT 421
Real Analysis II 3 credits
Prerequisite: 420. A continuation of MAT 420. (2SE)

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. (SEM)

MIS 201
Management Information Systems 3 credits
Prerequisites: 101 and BUS 101, or permission. 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. (SEM)

MIS 280, 380
Special Topics in Information Systems 1-4 credits
Prerequisites: 101 and instructor permission. Selected current topics of interest to the M.I.S. field. (ADD)

MIS 290
Business Specific
Applications Seminar 3 credits
Prerequisites: 101 or equivalent and at least 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
Business Database Management 3 credits
Prerequisite: 201 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. (2SE)

MIS 317
Business Internet Applications Design 3 credits
See BUS 317. (SPR)

MIS 320
Advanced Business Decision Tools 3 credits
Prerequisites: 201 and BUS 205, 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. (2FE)

MIS 330
Project Management 3 credits
Prerequisite: 201 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 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 1-2 credits

MUL 101/201/301/401
Private Lessons, Baritone 1-2 credits

MUL 102/202/302/402
Private Lessons, French Horn 1-2 credits

MUL 103/203/303/403
Private Lessons, Trombone 1-2 credits

MUL 104/204/304/404
Private Lessons, Bass Trombone 1-2 credits

MUL 105/205/305/405
Private Lessons, Tuba 1-2 credits

MUL 115/215/315/415
Private Lessons, Piano 1-2 credits

MUL 116/216/316/416
Private Lessons, Organ 1-2 credits

MUL 117/217/317/417
Private Lessons, Harpsichord 1-2 credits

MUL 130/230/330/430
Private Lessons, Percussion 1-2 credits

MUL 145/245/345/445
Private Lessons, Violin 1-2 credits

MUL 146/246/346/446
Private Lessons, Viola 1-2 credits

MUL 147/247/347/447
Private Lessons, Violoncello 1-2 credits

MUL 148/248/348/448
Private Lessons, Contrabass 1-2 credits

MUL 149/249/349/449
Private Lessons, Harp **1-2 credits**

MUL 150/250/350/450
Private Lessons, Guitar **1-2 credits**

MUL 151/251/351/451
Private Lessons, Electric Guitar **1-2 credits**

MUL 152/252/352/452
Private Lessons, Electric Bass **1-2 credits**

MUL 161/261/361/461
Private Lessons, Voice **1-2 credits**

MUL 174/274/374/474
Private Lessons, Flute **1-2 credits**

MUL 175/275/375/475
Private Lessons, Clarinet **1-2 credits**

MUL 176/276/376/476
Private Lessons, Saxophone **1-2 credits**

MUL 177/277/377/477
Private Lessons, Oboe **1-2 credits**

MUL 178/278/378/478
Private Lessons, English Horn **1-2 credits**

MUL 179/279/379/479
Private Lessons, Bassoon **1-2 credits**

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)

MUS 100
Woodwind Ensemble **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 101
Chamber Singers **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
Chorale **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
Marching Band **1 credit**
A large instrumental ensemble open to all students. 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
Brass Ensemble **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
Percussion Ensemble **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 106
University Wind Ensemble **1 credit**
Prerequisite: open to all students by audition. The course is designed to create the highest quality of performance and professionalism from all students by performing standard collegiate works of the wind ensemble repertoire. Enhancement courses, such as MUS 106, 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
Jazz Band **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
Sacred Choir **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 106, 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 125
Theory I **4 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. (FAL)

MUS 126
Theory II **4 credits**
Prerequisite: 125 or permission. A continuation of MUL 125. (SPR)

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
World Drumming Ensemble **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. (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. (2FE)

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. (2FO)

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. (2SE)

MUS 250
Introduction to Music Technology **3 credits**
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. (2SO)

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. (SPR)

MUS 325
Theory III **3 credits**
Prerequisite: 126. A continuation of the integrated theory courses on an advanced level. (FAL)

MUS 326
Theory IV **3 credits**
Prerequisite: 325 or permission. A continuation of MUS 325. (SPR)

MUS 327
Choral Literature and Techniques **2 credits**
Prerequisite: Music majors or instructor permission. Techniques of choral conducting and survey of choral literature suitable for high school choirs. (2SO)

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. (ADD)

MUS 330
Conducting **2 credits**
Prerequisite: MUS 126. Introduction to acquiring skills for vocal and instrumental direction. Basic conducting is explored along with techniques of score reading and rehearsal preparation. (2FE)

MUS 331
Percussion Class **2 credits**
Prerequisite: Music education major or permission. Study and pedagogy of the basic techniques of various percussion instruments K-12. (ADD)

MUS 332
String Class I **1 credit**
Prerequisite: Music education major or permission. Students learn to play the principal string instruments. Classroom procedures for presenting basic techniques and available string class materials are discussed. (ADD)

MUS 333
String Class II **1 credit**
Prerequisite: Music education major or permission. A continuation of MUS 332. (ADD)

MUS 334
Woodwind Class I **1 credit**
Prerequisite: Music education major or permission. Tone production, performance, and teaching techniques of the basic woodwind instruments are stressed. Students are given opportunities to demonstrate their knowledge of the instruments and of respective literature by teaching some aspect of the instrument to the other members of the class. (ADD)

MUS 335
Woodwind Class II **1 credit**
Prerequisite: Music education major or permission. A continuation of MUS 334. (ADD)

MUS 336
Brass Class I **1 credit**
Prerequisite: Music education major or permission. This class stresses tone production, performance, and teaching techniques of the basic brass instruments. Students are given the opportunity to demonstrate their knowledge of the instruments and of respective literature by teaching some aspect of the instrument to the other members of the class. (ADD)

MUS 337
Brass Class II **1 credit**
Prerequisite: Music education major or permission. A continuation of MUS 336. (ADD)

MUS 338
History of Western Music I **3 credits**
Prerequisites: 126. A survey of the history of music in the Western civilization from Greek antiquity to the present. (2FE)

MUS 339
History of Western Music II **3 credits**
Prerequisite: 338. A continuation of MUS 338. (2SO)

MUS 340
Music of World Cultures **3 credits**
A survey of music beyond traditional Western disciplines. This course partially satisfies the general education requirement in the cultural awareness category. (2SO)

MUS 345
Classroom Music Methods, K-12 **3 credits**
A course combining classroom methods and rehearsal skills for the K-12 music instructor. Topics explored will include technology for the music classroom, world music, and portfolio development. (ADD)

MUS 350
Music Business **3 credits**
Students will gain insight into different aspects of the music business such as relationships between recording companies and artists, music production, copyright and licensing, recording contracts, publishing performing arts organizations, booking agents, live performances and contracts, and much more. The course includes lectures, student projects, internships, and interaction with music professionals and business experts. (ADD)

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. (SPR)

MUS 357
Liturgical Music Preparation and Repertoire **3 credits**
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. (FAL)

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. (2SO)

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)

NUB 210
Fundamentals of Nursing **4 credits**
Prerequisite: Admission to the BSN program and ENG 101. Corequisites: NUR 104, 231, and NUB 255. 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. Corequisites: NUB 255, NUR 104, 200, 231, 238. 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 255
Professional Role Socialization II **1 credit**
Prerequisite: NUR 125. The focus of this course is socialization of the student to the profession of nursing. The student explores the core competencies of critical thinking and communication. The professional nurse's role is examined in relation to legal and ethical issues, and accountability and responsibility of professional nursing practice. The student is encouraged to adopt life-long learning, exhibit professionalism and identify with the values of the nursing profession. (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. (SEM)

NUB 330
Maternity Nursing 5 credits
Prerequisites: NUB 220, 255, NUR 200, 231, 238, PSY 220. Corequisite: 340. 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: NUB 220, 255, NUR 200, 231, 238, PSY 220. Corequisite: 330. 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. Corequisites: PSY 205, 230. 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: NUB 350, PSY 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: 400, 416, 430, 440. 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
Prerequisite: 255. 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: NUB 330, 340, 350, PSY 230. The focus of this course is to synthesize knowledge of basic concepts of mental health nursing as applied to individuals, groups, and families. The student utilizes the nursing process within a caring environment to promote, maintain, and restore health. Management of direct and indirect care of clients, therapeutic communications, and research findings in the

practice of nursing are emphasized. Two lecture hours per week and 90 clinical hours per semester. (SEM)

NUB 440
Nursing Care of the Adult
Client III – Complex **5 credits**
Prerequisite: 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: 400, 416, 430, 440. 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 socioculturally 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 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)

NUB 499
Independent Study **1-2 credits**
Guided readings and research in nursing open to junior and senior nursing majors at the decision of nursing faculty. (ADD)

NUR 104
Dosage Calculations **1 credit**
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 125
Professional Role Socialization –
Pre-Nursing Course **1 credit**
This course focuses on socialization into the role of nurse through examination of nursing history and philosophy, education, and career development. Ethical and legal foundations of nursing practice are discussed in the context of current issues and trends. (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: Admission to the nursing major 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 sociopsychological, 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. Required for AN and BSN nursing majors. Two lecture hours per week. (SEM)

NUR 310
Legal/Ethical Aspects of Health Care **1-2 credits**
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 315
Healthcare Missions – Local **3 credits**
Prerequisite: Permission. Open to all majors. This course focuses on several aspects considered when preparing for cross-cultural healthcare missions. Included are cultural issues related to mission service as well as focusing on a

specific culture. Spiritual, physical, emotional, and professional preparation for mission work will be considered. Resources and organizations involved in healthcare missions will be explored. Two lecture hours per week. The third credit is fulfilled by a local field experience. (ADD)

NUR 316
Health Care
Missions – Overseas **3 credits**
Prerequisite: Permission. Open to all majors. This course focuses on several aspects considered when preparing for cross-cultural health care missions. Included are cultural issues related to mission service as well as focusing on a specific culture. The course examines the culture of the country where the abroad experience will take place. Spiritual, physical, emotional, and professional preparation for mission work will be considered. Resources and organizations involved in health care missions will be explored. Two lecture hours per week. The third credit is fulfilled by a field experience abroad. This course partially satisfies the general education requirements in the cultural awareness category. (ADD)

NUR 320
Complementary Health Practices **2 credits**
Open to majors in all fields. This course examines various holistic or complementary health practices as to their health related benefits, legal/ethical aspects, and incorporation into nursing practice. Topics may include acupuncture, homeopathics, therapeutic touch, music therapy, meditation, aromatherapy, and current trends. (ADD)

NUR 325
Loss, Grief, and End of Life **2 credits**
Open to majors in all fields. This course provides the student with knowledge to assist the client, family, and other healthcare professionals addressing issues related to end of life care. End of life decisions and care are explored in relation to internal and external factors. Holistic, multi-disciplinary approaches to end of life are discussed and evaluated. Concepts of grief and loss are also examined. (ADD)

NUR 335
Spirituality in Healthcare
Across the Lifespan **3 credits**
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. (ADD)

NUR 340
Transcultural Issues in Healthcare **2 credits**
Open to majors in all fields. The focus of this course is to promote culturally sensitive and congruent healthcare to clients across the life span. Emphasis is placed on examining cultural differences and similarities in health beliefs, values, and practices of western and non-western cultures. Current theories, research, and practices related to the field of transcultural healthcare are examined. (ADD)

NUR 345
Women's Health Issues **1-2 credits**
This course examines the health issues of women in the United States 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. Health policy, including major legislation affecting women's health services and future directions for women's health, is discussed. (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 370
Education and Counseling Strategies **3 credits**
Concepts related to education, learning theory, the development of instructional methods for providing instruction to individuals and groups, including the use of instructional technology, and issues related to counseling are discussed and practiced. The student is expected to incorporate instructional technology, such as PowerPoint® and web page design, into the development of a research project and consumer education module. (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)

NUR 420
Nursing Care of the
Critically Ill Client **2-3 credits**
Prerequisites: NUR 231 or equivalent, and NUB 350; or admission to the RN-BSN Completion Track and instructor permission. This course focuses on the acute care of the critically ill and/or surgical client. Emphasis is placed on the nursing process in the critical care environment. Topics include ICU psychosis, technology, age-specific interventions, the ethical/legal impact of critical illness on the family and stressors in the workplace. Clinical opportunities are available in selected critical care settings. One hour lecture per week and 45-90 clinical hours during semester, depending on experience and credit desired. (ADD)

NUR 478
Parish Nursing in a Community of Faith **3 credits**
This course provides the basis for developing a parish nursing practice within a faith community, which focuses on a holistic approach to health. Emphasis is placed on encompassing mind, body, and spirit when caring for an individual, family, or community. The faith community focus is on needs assessment, health promotion and maintenance, and illness prevention through programming, referrals, and advocacy. This course unifies the art and science of nursing with the principles of theology and spiritual care. This course meets the requirements of the core curriculum established by the International Parish Nurse Preparation program. (ADD)

NUR 498
Directed Research **1 credit**
Prerequisites: NUB 440, 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)

PHL 115
Ethical Analysis in Practice **1 credit**
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 take part in the annual Central States Regional Ethics Bowl are strongly urged to take this course. Students are encouraged to enroll in the course more than once and may repeat the course for credit up to six times. Graded S/U. (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 the general education requirement in the philosophical and theological reasoning category. (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 the general education requirement in the philosophical and theological reasoning category. (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. (FAL)

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. (2FE)

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. (2FO)

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. (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. This course partially satisfies the general education requirement in the cultural awareness category. (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. (2SO)

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. (2FE)

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. (2SE)

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. (2SE)

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 140, and MAT 142. 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 three lab hours per week. (SPR)

PHY 212
Modern Physics **4 credits**
Prerequisite: 111 and MAT 231 or permission. 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: 111 and MAT 231 or permission. Stellar atmospheres, stellar interiors, galaxy formation, and the large-scale structure of the universe. Two lecture hours per week. (SPR)

PHY 230
Electronics **2 credits**
Prerequisite: 111 and MAT 231 or permission. 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. (SPR)

PHY 240
Materials **2 credits**
Prerequisite: 111 and MAT 231 or permission. 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. (SPR)

PHY 250
Biophysics **2 credits**
Prerequisite: 111 and MAT 231. 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. (FAL)

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 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 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. 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: Junior or senior major 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: Junior or senior standing and permission. Guided readings and research. (ADD)

POL 101
Introduction to Political Science **3 credits**
A look at the nature, concepts, and terms of political science and its four major subfields: American government, political theory, international relations, and comparative politics. Principles studied here are applied in analyses of current events in the United States and around the world. This course partially satisfies the general education requirement in the individual and social understanding category. (SEM)

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 the general education requirement in the individual and social understanding category. (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**
Prerequisite: 101 or permission. 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**
Prerequisite: 101 or permission. 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**
Prerequisite: 101 or permission. 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**
See SOC 301. (SPR)

POL 324 **3 credits**
Global Religion and American Politics
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**
Prerequisite: 101 or permission. 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**
Prerequisite: 101 or permission. 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**
Prerequisite: 101 or permission. 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. Cross-listed as HIS 315. (2SO)

POL 347
American Foreign Policy **3 credits**
Prerequisite: 101 or permission. 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. Cross-listed as HIS 347. (2FO)

POL 349
Modern and Contemporary Political Theory **3 credits**
Prerequisite: 101 or permission. 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**
Prerequisite: 101 or permission. 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. This course partially satisfies the general education requirement in the cultural awareness category. (2FE)

POL 353
Politics of Development **3 credits**
Prerequisite: 101 or permission. 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. This course partially satisfies the general education requirement in the cultural awareness category. Cross-listed as HIS 353. (2SE)

POL 355
Politics of the Middle East **3 credits**
Prerequisite: 101 or permission. 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. This course partially satisfies the general education requirement in the cultural awareness category. (2SO)

POL 357
Civil Wars and Ethnic Conflicts **3 credits**
Prerequisite: 101 or permission. 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. This course partially satisfies the general education requirement in the cultural awareness category. (2FO)

POL 359
Causes of War and Peace **3 credits**
Prerequisite: 101 or permission. 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**
Prerequisite: 101 or permission. 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**
Prerequisites: 101 and permission. 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 the general education requirement in the individual and social understanding category. (SEM)

PSY H01
Honors General Psychology **3 credits**
Prerequisite: Students must meet honors program criteria. The content of 101 is enriched with discussion, reading, and writing assignments. This course partially satisfies the general education requirement in the individual and social understanding category. (FAL)

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 partially satisfies the general education requirement in the scientific and quantitative understanding category. (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 the general education requirement in the individual and social understanding category. (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, sex roles, forensic psychology, stereotyping and prejudices, and eating disorders. (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
Psychology of Learning **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
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. (2FE)

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. 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. (2SO)

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. (2FE)

PSY 345
Cognitive Science 3 credits
Prerequisites: 101, or 220 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/Service Learning in Psychology 2-3 credits
Prerequisites: Junior status, a 2.0 cumulative GPA, and instructor permission. The purpose of this academic internship is: (a) to provide real world experiences through which students can apply what has been learned in the classroom, and (b) to provide an opportunity for service learning. 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. Internship/service learning credits do not count toward credits required in the major. 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. (2SO)

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 **4 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. (2FE)

PSY 400
Program Assessment and Evaluation **3 credits**
Prerequisite: 205 or BUS 205. A study of advanced applied assessment methods for use in mental health, medical, business, and educational settings. Basic assessment models, evaluation models, and techniques for the planning, implementation, data management, and analysis of program outcomes are presented. Students apply acquired content and techniques to (a) evaluate selected case studies in their disciplines; (b) perform a program assessment and evaluation of simulated or actual program outcomes data; and (c) construct and present a professional evaluation report of their assessments. (ADD)

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 partially satisfies the general education requirement in the scientific and quantitative understanding category. (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 partially satisfies the general education requirement in the scientific and quantitative understanding category. (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. This course partially satisfies the general education requirement in the scientific and quantitative understanding category. (SPR)

SCI 104
Physical Sciences Lab **1 credit**
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 partially satisfies the lab portion of the general education requirement in the scientific and quantitative reasoning 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—dinosaurs, volcanoes, earthquakes, weather, and astronomy; life science—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. (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. Graded S/U. (SEM)

SOC 101
Introduction to Sociology **3 credits**
Introduction to the foundations of a science of society, evolution of social theory, group processes, the resulting social institutions and their effects on social behavior. This course partially satisfies the general education requirement in the individual and social understanding category. (SEM)

SOC 145
Introduction to Social Justice **3 credits**
An analysis of the origins of American social policy and legislation; the nature and goals of social justice; and the relationships among values, ideology, power, inequality, priorities in policy formation, and social change. (SPR)

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, linguistics 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 the general education requirement in the individual and social understanding category. (FAL)

SOC 205
Social Science Statistics **3 credits**
Prerequisite: 101 or POL 101 or permission. This course introduces students to the basic concepts and applications of statistics used by social scientists. Students learn to compute, analyze, and apply univariate and bivariate statistics, including cross-tabulations, regression, chi-square, gamma, and correlation. Computer software is used. This course partially satisfies the general education requirement in the scientific and quantitative reasoning category for sociology and political science majors. Cross-listed as POL 205. (FAL)

SOC 210
Marriage and Family **3 credits**
Prerequisite: 101 or permission. This course examines the social institutions of marriage and family in an historical and cross-cultural context. (2FE)

SOC 245
Sociology of Religion **3 credits**
Prerequisite: 101 or permission. Analysis of contemporary and historical religious institutions, movements, and experiences in relation to other social institutions and aspects of society; the cultural context of religion; varieties of religious organization, religion and social change. (2FE)

SOC 248
Introduction to Archeology **3 credits**
See ARH 248. (2FO)

SOC 250
Urban Sociology **3 credits**
Prerequisite: 101 or permission. An exploration of economic, political, and cultural patterns in community life and organization in urban, suburban, and rural settings. National and global urban policy development is also discussed. (ADD)

SOC 265
Introduction to Social Work 3 credits
Prerequisite: 101 or permission. This course introduces the history, philosophy, and institutional arrangements in the field of public welfare in the United States, and the role of the helping professional. Contrast is provided by an analysis of the welfare systems in other countries. (2SE)

SOC 267
Sociology of Aging 3 credits
Prerequisite: 101 or permission. Survey of the social aspects of aging in contemporary society, with emphasis on biological and psychological changes, special needs, facilities, and emerging community and national programs. One hour of fieldwork is required. (2SO)

SOC 270
Education and Social Inequality 3 credits
Prerequisite: 101 or permission. An analysis of the roles of education in shaping many forms of social inequality and the implications of these roles 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. This course partially satisfies the general education requirement in the cultural awareness category. (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. Cross-listed as POL 301. (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. (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. The course partially fulfills the general education requirement in the cultural awareness category. (2SO)

SOC 320
Race and Ethnic Relations 3 credits
Prerequisite: 101 or permission. This course provides an historical survey and contemporary analysis of majority-minority relations in and outside the United States focused on race-ethnic minorities. (2FE)

SOC 325
Social Class, Power, and Inequality 3 credits
Prerequisite: 101 or permission. A study of class, status, and power relations in society as they relate to social mobility, lifestyle, opportunity, perceptions of reality, 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. Particular attention is paid to political debates over healthcare, the interaction of various healthcare professionals, the effect of social inequality, and global disparities in health. (2SO)

SOC 342
Peace and Justice
in the Developing World 3 credits
Prerequisite: 101 or permission. This course traces the recent sociocultural, political, and economic changes associated with modernization and globalization. Students address North-South issues so they can contribute meaningfully in public policy discussion, civic decision-making, and develop cross-cultural and service skills. This course partially satisfies the general education requirement in the cultural awareness category. (2FO)

SOC 360
Experiential Learning:
Social Justice in Action 2-4 credits
Prerequisites: 101, 145, and additional social justice elective, or permission. Through collaboration with community activists, students gain grounded insight and hands-on experience while learning from the perspectives of those in the community. In return, students offer host organizations their skills in sociological analysis and research. (SEM)

SOC 370
Criminology 3 credits
Prerequisite: 101 or permission. This course takes a critical and analytical perspective on the criminal justice system in the United States using cross-national comparisons. The system is surveyed by attention to community, media, crime statistics, law enforcement, courts and corrections, the operation and influences of the various components, and criminological theories concerning the causes and remedies for criminal deviance. (ADD)

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. Cross-listed as HIS 375. (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: 101 or permission. An 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: 101 or permission. A study of 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
Experiential Learning:
Sociology Internship **2-4 credits**
Prerequisites: 101 and sociology major or minor, or permission. Supervised professional experience and the application of sociological skills to provide students with the opportunity to develop their career interest in sociology. (SEM)

SOC 490
Senior Sociology Seminar **3 credits**
Prerequisite: Senior sociology major. Intensive reading and discussion of sociological works furthering the development of a sociological imagination. 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 POL 490. (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. (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. (SEM)

SPA 110
Introductory Spanish for the
Healthcare Professional I **4 credits**
Introductory study of the Spanish language with special applications to the healthcare setting. Emphasis on vocabulary needs and cultural understanding to assist in working with the Spanish-speaking client. This course partially satisfies the general education requirement in the effective communication category. (SEM)

SPA 111
Introductory Spanish for the
Healthcare Professional II **4 credits**
Prerequisite: 110 or placement or instructor permission. This course is intended for students in a healthcare program. It is a continuation of Introductory Spanish for the Healthcare Professional I. The emphasis continues to be on building basic vocabulary with specific application to medical specialties. This course partially satisfies the general education requirement in the effective communication category. (SPR)

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. (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. (SPR)

SPA 210
Business Practice in Spanish **3 credits**
Prerequisite: 201, placement, or instructor permission. 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. (2SO)

SPA 220
Introduction to Hispanic Literature **3 credits**
Prerequisite: 201 or equivalent knowledge of Spanish. 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. (FAL)

SPA 230
Basic Spanish Conversation **3 credits**
Prerequisite: 201 or equivalent knowledge of Spanish. 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. (2FE)

SPA 240
Advanced Spanish Grammar and Composition **3 credits**
Prerequisite: 201 or equivalent knowledge of Spanish. Review of the essentials of Spanish grammar with application to composition. The course is designed to help students write social and business correspondence, take notes, write cohesive summaries and resumes, as well as narratives and descriptions of a factual nature. Required course for teacher certification. (2FO)

SPA 280, 380, 480
Special Topics in Spanish **3-9 credits**
Prerequisites: 201 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. (ADD)

SPA 315
History and Culture of Spain **3 credits**
Prerequisite: 201. A survey study of the history, topography, art, literature, music, and social aspects of Spain. Students explore contemporary issues through film, periodicals, and interviews. (2FO)

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. (2FO)

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. (2SE)

SPA 350
History and Culture of Latin America **3 credits**
Prerequisite: 201. A study of the history, topography, art, philosophy, literature, and sociological aspects of Hispanoamerica. Students explore culture through film, recordings, journals, and personal interviews. This course partially satisfies the general education requirement in the cultural awareness category. (2FE)

SPA 360, 460
Internship/Practicum in Spanish **1-6 credits**
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. (2FE)

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. (2SO)

SPA 400
Contemporary Spanish and Spanish-American Literature 3 credits
A study of the principal Spanish and Spanish-American authors and works of the present century; emphasis on the novel and short story. (2SO)

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
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. (ADD)

SPA 499
Independent Study 2-3 credits
Prerequisites: Junior or senior Spanish major and permission. Guided readings and research. (ADD)

THE 100
Backstage Laboratory in Technical Theatre I 2 credits
A laboratory experience in all phases of theatre production. Students assist the instructor in building and painting sets, lighting, costuming, prop management, and house management on several theatrical productions during the semester. All learning is hands-on involvement during class hours. Students may enroll each semester up to a maximum of six semesters. (SEM)

THE 108
Theatre Activities 1-2 credits
Prerequisite: Instructor approval. Students who were involved either backstage as a technician or designer or onstage as a performer for any Marian University Department of Performing and Visual Arts production may register for one credit per production the following semester. Students will be responsible for producing a thesis paper that provides an in-depth analysis of their theatre experience. Students may enroll each semester up to a maximum of six semesters. (SEM)

THE 120
Beginning Acting 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. (FAL)

THE 200
Backstage Laboratory in Technical Theatre II 2 credits
Prerequisites: 100 and instructor approval. An advanced laboratory experience in all phases of theatre production. Students are assigned specific projects and given upper-level responsibilities regarding the successful completion of tasks in the following areas of theatre production; building and painting sets, lighting, costuming, prop management, or house management. Students will be expected to participate and complete projects outside of regular class hours. (SEM)

THE 231
Design for Theatre I 3 credits
Prerequisite: ART 106. 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. (SPR)

THE 235
Oral Interpretation of Literature **3 credits**
See COM 235. (ADD)

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 333
Modern Drama **3 credits**
See ENG 333. (S2014, S2017)

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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (FAL)

THL 104
The Creed **1 credit**
An exploration of the creed, its development, history, contemporary understanding, and personal appropriation. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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 the general education requirement in the theological and philosophical reasoning category. (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 the general education requirement in the theological and philosophical reasoning category. (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 the general education requirement in the philosophical and theological reasoning category. (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 126, 128, 114. This course partially satisfies the general education requirement in the theological and philosophical reasoning category. (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. This course

does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (2FO)

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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (SEM)

THL 170
Theology and Spirituality of Ministry 3 credits
Exploration of the practice of ministry in scripture, Christian history, and present practices. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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 fulfills the general education requirement in the theological and philosophical reasoning category. (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 fulfills the general education requirement in the theological and philosophical reasoning category. (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 fulfills the general education requirement in the theological and philosophical reasoning category. (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 fulfills the general education requirement in the theological and philosophical reasoning category. (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 fulfills the general education requirement for a second theology course. (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 fulfills the general education requirement in the theological and philosophical reasoning category. (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 fulfills the general education requirement in the theological and philosophical reasoning category. (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 fulfills the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category, but partially fulfills the general education requirement in the cultural awareness category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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 fulfills the general education requirement in the theological and philosophical reasoning category. (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 fulfills the general education requirement in the theological and philosophical reasoning category. (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 fulfills the general education requirement in the theological and philosophical reasoning category. (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 fulfills the general education requirement in the theological and philosophical reasoning category. (2SO)

THL 326
Fundamentals of Jewish Theology and Practice **3 credits**
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 fulfills the general education requirement in the theological and philosophical reasoning category. (2FE)

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 fulfills the general education requirement in the theological and philosophical reasoning category. (2FE)

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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (2FE)

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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (2SO)

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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (FAL)

THL 476
Internship 1 credit
Continued preparation for ministry through practical experience and training. This course does not apply toward the general education requirement in the theological and philosophical reasoning category. (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

BOARD OF TRUSTEES
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Managing Partner
Deloitte and Touche LLP

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Director, Study Abroad Program
Professor of French
Marian University

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Deloitte and Touche LLP

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Vice President of Intellectual Property-
Patents Group Managing Counsel
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Consultant

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Consultant
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Westview Hospital

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Ascension Health

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Sisters of St. Francis, Oldenburg

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Sisters of St. Francis, Oldenburg

Sister Barbara Piller, OSF '71
Congregational Minister
Sisters of St. Francis, Oldenburg

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Archdiocese of Indianapolis

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OneAmerica

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Archdiocese of Baltimore

Merie Tebbe '74
Human Resources Director
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AIT Laboratories

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DaimlerChrysler Corporation

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Conference Programs Manager (retired)
General Electric

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St.Vincent Health

Richard Andrew "Drew" Young
Partner
Young and Young

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Judge Gerald S. Zore '63

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2011-2012

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Vice President for Mission Effectiveness
B.A., Marian College, 1964
M.A., Purdue University, 1971
M.P.S., Loyola University of Chicago, 1988

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

Paul Evans, DO, FAAFP, FACOFP (2010-)
Vice President and Dean, College of Osteopathic Medicine
B.S., University of Miami, 1972
D.O., Philadelphia College of Osteopathic Medicine, 1979

John Finke (2002-)
Vice President for Institutional Advancement
B.S., University of Connecticut, 1990
M.S., St. Thomas University, 1994

Gregory A. Ginder (2009-)
Vice President for Finance and Business Operations
B.S., Indiana University-Purdue University, 1981

Robert W. Golobish, SFO, APR (2002-)
Vice President of Marketing Communications
B.A., Miami University, 1975
M.A., University of Oregon, 1981

Jack Powell (2010-)
Assistant Vice President for Enrollment Management
B.A., Malone University, 1978
M.A., Wheaton College, 1986
Ed.D., Western Michigan University, 2002

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

Ruth Rodgers (2005-)
Assistant Vice President of Student Affairs
Dean of Students
B.A., Virginia Polytechnic Institute and
State University, 1980
M.Ed., Auburn University, 1982

Peter Williams (2009-)
Assistant Vice President
Chief Information Officer
B.S. Ball State University, 1998
M.S. Ball State University, 2000

ACADEMIC AFFAIRS

William B. Harting (2000-)
Dean of Academic Affairs
Director of Institutional Research
B.A., DePauw University, 1988
M.S., University of Kentucky, 1991

Terry DeBruhl (2007-)
Administrative Assistant to Dean
of Academic Affairs
A.A., Indiana Business College, 2003

ADMISSION

Jill Bardonner (2000-)
Director of Transfer Admission
B.S., Indiana University, 1996

Luann Brames '98 (1998-)
Director of Freshman Admission
B.A., Marian College, 1998

Joshua Chastain (2009-)
Campus Guest Coordinator
B.A., Anderson University, 2004

Ashley Hardy (2011-)
Admission Counselor
B.A., University of Notre Dame, 2009

Claire Henn '87 (2011-)
Admission Representative
B.A., Marian College, 1987

Tammie Huffman (2007-)
Admission Data Coordinator – Transfer/Second Degree
Administrative Assistant

Jack Powell (2010-)
Assistant Vice President for Enrollment Management
(See Executive Officers)

Mary Samreta '03 (2003-)
Assistant Director of Transfer and Second Degree Admission
B.A., Marian College, 2003

Holly Schenher (2011-)
Admission Counselor
B.S., Indiana University, 2002

Christa Stoughton (2007-)
Assistant Director of Transfer and Second Degree Admission
B.S., Indiana University, 2004

Kiley Watson, '07 (2007-)
Senior Admission Counselor
Head Coach: Cheerleading
B.S., Marian College, 2007

Sean Winningham '07 (2010-)
Admission Counselor
B.A., Marian College, 2007

Karen Woods (2007-)
Admission Data Coordinator – Freshmen

ALUMNI AFFAIRS

Brittany Nickerson (2011-)
Assistant Director of Alumni and Donor Relations
B.A., University of Indianapolis, 2011

Barbara Stuckwisch (2009-)
Director of Alumni and Donor Relations
B.A., Culver-Stockton College, 1996
J.D., Northern Illinois University, 1999

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: Women's Basketball
Assistant Coach: Men's Baseball
B.A., Earlham College, 1990

Lauren Beck (2010-)
Assistant Coach: Volleyball
B.A., University of Notre Dame, 2006

Dave Blevins (2011-)
Assistant Coach: Football
B.A., Franklin College
M.A., University of Indianapolis

Henry Brown (2011-)
Assistant Coach: Football

Zach Brown '08 (2010-)
Assistant Coach: Men's Soccer
B.S., Marian College, 2008

Kim Buell (2010-)
Assistant Coach: Bowling
B.S., Butler University, 1977

Martin Cole (2010-)
Assistant Coach: Men's Soccer
B.S., Indiana University-Purdue University, 2008

Brett C. Cope, A.T.C.
Head Coach: Women's Golf
(See School of Education)

Marshall Davis (2010-)
Assistant Coach: Track and Field

Rodney Deckard (2007-)
Assistant Coach: Football Running Backs
B.S., Indiana University at Indianapolis, 1991
M.A., Indiana University-Purdue University, 2008

Steve Downing (2011-)
Director of Athletics

Craig Eckert (2010-)
Assistant Coach: Track and Field
B.S., Huntington University, 2000
M.A., Manchester College

Richard El '10 (2010-)
Graduate Assistant Coach: Football
B.S., Marian University, 2010

Dan Findley (1996-)
Head Coach: Women's Volleyball
B.A., Indiana State University, 1988

Scott Fleming '89 (2003-)
Head Coach: Softball
Assistant Coach: Men's Basketball
Intramural Director
B.S., Marian College, 1989

Chad Gabbard (2009-)
Head Athletic Trainer
B.S., Butler University, 1995
M.S., Northern Illinois University, 1999

Ben Gorman (2008-)
Assistant Coach: Women's Basketball (Volunteer)

John Grimes (1976-)
Head Coach: Men's Basketball
Lecturer of Physical Education
B.S., Indiana State University, 1971
M.S., Indiana State University, 1971

A. Kurt Guldner '82 (1987-)
Head Coach: Baseball
Head Coach: Women's Soccer
B.A., Marian College, 1982

Bryan Hamrock (2007-)
Assistant Coach: Football Quarterbacks and
Offensive Coordinator
B.A., College of Mount Saint Joseph, 2006

Chad Hardin (2006-)
Head Coach: Men & Women's Bowling
Head Coach: Men's Soccer
B.S., Indiana University, 2000

Mike Henderson (1979-)
Assistant Coach: Softball
B.S. Ed., Ball State University, 1959

Jeff Hopkins (2008-)
Assistant Coach: Cycling

Ted Karras (2006-)
Head Coach: Football
B.S., Northwestern University, 1987
M.A., Saint Xavier University, 2001

Neil Kazmierczak (2010-)
Assistant Coach: Football
B.A., Michigan State University, 1988
M.A., Azusa Pacific University, 1995
M.A., Stanford University, 1998

Justin Kean (2011-)
Assistant Coach: Volleyball
B.S., Indiana University-Purdue University, 2011

John Locke
Assistant Athletic Trainer
B.S., DePauw University, 1985
M.S., University of Arizona, 1986
Ed.D., Ball State University, 2010

Cassie Mackell (2008-)
Administrative Assistant
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

Lindsay Martin (2010-)
Assistant Coach: Women's Soccer

Martin Mathis (2006-)
Assistant Head Coach: Football
Defensive Coordinator, Linebackers
B.A., University of Minnesota, 1994

Megan McCormick (2011-)
Assistant Coach: Women's Soccer
B.A., Ball State University, 2008

Meghan McWhirter '06 (2006-)
Assistant Coach: Women's Basketball
B.S., Marian College, 2006

Adrian Myers (2011-)
Assistant Coach: Track and Field
Assistant Coach: Cross Country
B.A., Lewis University, 2008
M.A., Adams State College, 2011

Greg Mingus (1998-)
Assistant Coach: Men's Basketball (Volunteer)

Shane Moat (2007-)
Contract Personal Trainer
Strength and Conditioning
B.S., Indiana University, Bloomington, 2003
M.A., Indiana University, Bloomington, 2005

Dean Peterson (2006-)
Head Coach: Cycling
(See School of Education)

David K. Roberts (1978-)
Head Coach: Cross Country and Track
International Student Advisor
B.A., University of Wisconsin-LaCrosse, 1970
M.S., University of Wisconsin-LaCrosse, 1978

Scott Satterthwaite (2010-)
Assistant Coach: Baseball
B.S., St. Joseph's College, 1995
M.A., Indiana University, 2009

John Shelton
Coach: Men's Golf
(See Financial Aid)

Adam Sherman (2008-)
Assistant Coach: Football Offensive Line
Assistant Coach: Track Field Throws
B.S., University of Saint Francis, Indiana, 2005

Geoffre Sherman (2006-)
Sports Information Director
Assistant Athletic Director
B.A., St. Bonaventure University, 2000
M.S., Indiana University, 2001

Jerome Smith (2011-)
Assistant Coach: Football
B.S., Purdue University
M.S., Indiana University

Jennifer Vallely (2008-)
Assistant Athletic Trainer
B.S., Grand Valley State University, 2006
M.A., Ball State University, 2008

Kiley Watson
Head Coach: Cheerleading
(See Admission)

Sean Wilson (2007-)
Assistant Coach: Football Tight Ends
B.S., Ball State University, 2003

BISHOP SIMON BRUTÉ COLLEGE SEMINARY

Father Bob Robeson (2005-)
Rector
B.A., Washington University, 1985
M.Ed., University of South Carolina, 1989
M. Div., St. Meinrad School of Theology, 2003
Ph.D., Indiana University, 1998

Father Pat Beidelman (2009 -)
Vice Rector

BOOKSTORE

Brian Hoelle (2002-)
Manager
B.S., Miami University, 1984

Zack Fincher (2009-)
Assistant Manager

BUSINESS OFFICE

Jill Baar (2009-)
Accounts Payable Clerk

Julie Brinegar (2005-)
Student Account Representative

Gregory A. Ginder (2009-)
Vice President for Finance and Business Operations
(See Executive Officers)

Angela Oechsle (2010-)
Customer Service Representative

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

CAMPUS MINISTRY

Fr. Dennis Bosse, OFM (2009-)
Campus Chaplain
B.A., University of Detroit-Mercy, 1983
M. Div., Catholic Theological Union, 1989

Clare Bain, SFO (2004-)
Campus Minister, Music and Liturgy
B.M., Ohio University, 1979
M.M. Butler University, 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
M.Div., Kendrick Seminary, 2004

CAMPUS OPERATIONS

Ron Koberstein (1991-)
Director of Campus Operations

Neil Langferman (2005-)
Director of Facilities
B.A., Purdue University, 1978

Crystal Workman '04 (2006-)
Administrative Assistant
B.A., Marian College, 2004

Jeff Castner '93 (1986-)
Housekeeping and Custodial Supervisor
B.A., Marian College, 1993

John R. Smith (2004-)
Maintenance Supervisor

Mike Miller (1993-
Grounds Supervisor

CAMPUS SAFETY

Scott Ralph
Chief of Campus Police
Police Officer

COLLEGE OF OSTEOPATHIC MEDICINE

Paul Evans, DO, FAAFP, FACOFP (2010-)
Vice President and Dean, College of Osteopathic Medicine
(See Executive Officers)

Charles Henley, DO, MPH, FAAFP, FACOFP (2011-)
Associate Dean for Clinical Affairs
B.S., Northeastern State University, 1971
M.S., University of Oklahoma, 1974
M.P.H., University of Hawaii, 1983
D.O., Oklahoma State University College of Osteopathic Medicine, 1977

Bryan Larsen (2011-)
Associate Dean for Biomedical Sciences
B.S., University of Iowa, 1971
M.S., University of Iowa, 1973
Ph.D., University of Iowa, 1976

Stephen J. Noone '64 (2010-)
Special Assistant to the Dean
B.A., Marian College, 1964
M.S., Butler University, 1970

Rachel Bingham (2010-)
Executive Assistant to the Dean
B.A., Iowa State University, 1998

Jeanmarie Cairns (2011-)
Administrative Assistant
A.A., Indiana University, 1975

FINANCIAL AID

Chad Bir (1996-)
Director of Financial Aid
B.A., Franklin College, 1993

Helen Burke (1998-)
Administrative Assistant
B.A., Indiana University, 1993

Wendy Norris (2005-)
Associate Director
B.S., Illinois State University, 1980
B.S., University of Illinois, 1983

Brenda Wade (2010-)
Financial Aid Officer Loan Coordinator
B.S., University of Indianapolis, 2009

Monique Ware '09 (2008-)
Assistant Director of Adult Financial Services
B.S., Marian College, 2009

HEALTH SERVICES

Jan M. Carnaghi, FNP-BC '99 (2008-)
Director of Health and Wellness
B.A., Miami of Ohio, 1985
B.S.N, Marian College, 1999
M.S.N., University of Indianapolis, 2002

HONORS PROGRAM

Carolyn Johnston
Director
(See School of Liberal Arts)

HUMAN RESOURCES

Cynthia Beasley (2010-)
Payroll Administrator

Anita Herbertz (2006-)
Director of Human Resources
B.S., University of Indianapolis, 2004

Mary Alexander (1990-)
Administrative Assistant

INTERNATIONAL STUDENT ADVISOR

David K. Roberts
(See Athletics)

INTERNSHIPS AND CAREER SERVICES

Leanne Malloy (2006-)
Assistant Dean of Student Services
Director of Counseling and Career Services
B.S., Indiana State University, 1974
M.S., Purdue University, 1976
Ph.D., Indiana State University, 1991

Jenny Morris '05 (2009-)
Director of Internships
B.S., Marian College, 2005

INSTITUTIONAL ADVANCEMENT AND ALUMNI

Dana DeBruhl (2011-)
Administrative Assistant to the Vice President in Institutional Advancement

John Finke
Vice President for Institutional Advancement
(see Executive Officers)

Margaret Kluesener '77 (2008-)
Development Officer
B.A., Marian College, 1977
M.A., Butler University, 1996

Vida Kotarski (1991-)
Director of Advancement Information
A.S., Vincennes University, 1969

Sarah Ley '05 (2008-)
Development Associate
B.S., Marian College, 2005

Bonnie Majors (2005-)
Gift and Systems Administrator

Joseph Polizzi (2010-)
Development Officer

Ken Scheer '84 (2008-)
Development Officer
B.A., Marian College, 1984

Robert Hoy (2008 -)
Development Officer
B.A., University of Dallas, 1972

Patty Murray (2008 -)
Administrative Assistant

LEARNING AND COUNSELING CENTER

Marjorie V. Batic (2000-)
Director of Academic Support Services
B.A., Purdue University, 1977
M.S., Butler University, 1986

Leanne Malloy (2006-)
Assistant Dean of Student Services
Director of Counseling and Career Services
(see Internships and Career Services)

Mary Anne Matelic (1994-)
Administrative Assistant

Jennifer Neale (2011-)
Peer Tutor Coordinator
B.A., Indiana University, 1997

LIBRARY

Kelley F. Griffith '88 (1991-)
Librarian
B.S., Marian College, 1988
M.L.S., Indiana University, 1989

Sister Patricia Connor, OSF '58 (1974-)
Assistant Librarian
B.S., Marian College, 1958
M.A., Rosary College, 1971

Sister Joel Franks, OSF '61, '90 (1981-)
Library Tech
B.S., Marian College, 1961
B.A., Marian College, 1990
M.A., Clarke College, 1970
Ed.S., Ball State University, 1975

LIFE SCIENCE EDUCATION CENTER AT MARIAN UNIVERSITY

Janice Hicks Slaughter (2006-)
Director of Community Outreach
B.S., Tennessee State University, 1969
M.P.A., Indiana State University, 1990

MAIL ROOM

Sister Janice Scheidler, OSF '60 (1985-)
Mail Room Manager
B.S., Marian College, 1960

MARIAN UNIVERSITY CENTER FOR CATHOLIC STEWARDSHIP

Father Daniel J. Mahan (2006-)
Executive Director
S.L.T., Pontificium Athenaeum S. Anselmi De Urbe, 1989

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

Nancy Crosby (2003-)
Academic Advisor
Project Specialist
B.S., Indiana Institute of Technology, 2002

Tennille Culp (2011-)
Admission Counselor
B.L.S., Purdue University, 2006

Trista Hart (2011-)
Academic Advisor, Keystone Site
B.S., Indiana State University, 2006

Laura Kafka (2011-)
Administrative Assistant, Keystone Site

Sally McCartney (2003-)
Director of Enrollment, Keystone Site
B.A., Michigan State University, 1983

Lesley Neff (2008-)
Director of Educational Services
B.A., Purdue University, 1999
M.A., Butler University, 2005

Sandra Richard (2010-)
Administrative Assistant

Kathy Webb (2008-)
Outreach Representative, Keystone Site
B.A., Wittenberg University, 1971

Lynn Wybiral (2005-)
Academic Advisor
B.A., Indiana University, 1999

MARKETING COMMUNICATIONS

Robin Buschner (2001-)
Associate Director, Marketing Communications

Andrea L. Fagan (2000-)
Director, Marketing Communications
B.A., Indiana University, 1994

Robert W. Golobish, SFO, APR
Vice President for Marketing Communications
(See Executive Officers)

Tori Kincaid (2006-)
Internet Specialist for
Marketing Communications
B.S., Indiana University-Purdue University, 2002

MISSION EFFECTIVENESS

Debra Burks (2008-)
Administrative Assistant

Sister Jean Marie Cleveland, OSF '64 (2006-)
Vice President for Mission Effectiveness
(See Executive Officers)

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

Kathryn Ashmore (2007-)
Director of Conferences and Events

Daniel J. Elsener
President
(See Executive Officers)

Cyndi Kamp (2006-)
Executive Assistant to the President

Carol Kijovsky (1992-)
Director of Sales

Deborah Lawrence (2002-)
(See Executive Officers)

Katherine Staples (2008-)
Director of Grants and Proposal Development
B.A., St. Mary's College, 2002

Sharon Van Auken (1991-)
Event Coordinator
B.A., Indiana University, 1983

PROVOST

Thomas J. Enneking
Executive Vice President and Provost
(See Executive Officers)

Dale Selbe (2000-)
Administrative Assistant to Provost

"REBUILD MY CHURCH"

Mark Erdosy (2003-)
Director of Church Relations
Director of San Damiano Scholars
B.A., Indiana University, 1988
M.T.S., Saint Meinrad School of Theology, 1995

John Shelton (1986-)
Director of Rebuild My Church
B.A., Indiana University, 1976
M.S., Indiana University, 1990

REGISTRAR

Maryann Bonner (2001-)
Senior Assistant Registrar
B.S., University of Illinois, 1988
M.Ed., University of Illinois, 1998

John A. Hill (1988-)
Registrar
B.S., University of Minnesota, 1970
M.A., George Washington University, 1977

Mariah L. Mueller (2005-)
Assistant Registrar
B.S., Manchester College, 2004

Jennifer Schwartz (2003-)
Associate Registrar
B.A., Millikin University, 2003
M.S., Indiana State University, 2008

Chad Zwart (2011-)
Administrative Assistant
B.S., Purdue University, 2003

CLARK H. BYRUM SCHOOL OF BUSINESS

Timothy R. Akin (1975-)
Professor of Accounting and Finance
B.S., B.A., Xavier University, 1972
M.B.A., Xavier University, 1973
CPA, 1977; CFP, 1989; PFS, 1995

Michael Crawford (2009-)
Assistant Professor and Director of Motor Sports
B.A., University of Wisconsin, 1989
M.A., University of Wisconsin, 1990

Thomas Gjerde (2011-)
Assistant Dean, Clark H. Byrum School of Business
B.A., Buena Vista University, 1982
M.A., University of Minnesota, 1991
Ph.D., Purdue University, 1995

Anni Hine (2011-)
Administrative Assistant
B.A., Indiana State University

Kevin E. Huston (1989-)
Associate Professor of Accounting and Finance
Director of Internships, School of Business (1989-)
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 of Clark H. Byrum School of Business
B.S., Bentley College, 1978
M.B.A., Babson College, 1989
Ph.D., University of South Carolina, 1996

Kathy S. Marra (2007-)
Assistant Professor of Human Resources
B.S., Indiana University, 1976
M.A., Ball State University, 1997

James A. Polito (2008-)
Assistant Professor of Economics
B.A., Rutgers University, 1984
M.A., Rutgers University, 1986
Ph.D., Rutgers University, 1990

Marie Truesdell Reymore (2000-)
Associate Professor of Economics
B.A., B.S., Trinity University, 1992
M.E., North Carolina State University, 1994
Ph.D., University of Georgia, 1999

Lori Rumreich (2004-)
Assistant Professor of Marketing
B.S., Ball State University, 1983
M.B.A., Indiana University, 1989

Robert D. Schuttler (1985-)
Assistant Professor of Business and Economics
Director, Business Creation and Development
(2005-)
B.S., Indiana State University, 1976
M.B.A., University of Evansville, 1980

Andrew M. Smith (1989-)
Assistant Professor of Business and
Management Information Systems
B.S., Purdue University, 1984
M.B.A., Butler University, 1989

Pro-Rata

Sherry Nord (2003-)
Instructor of Business and Management Information Systems
B.S., University of Illinois, 1968
M.B.A., Indiana Wesleyan University, 1989

Part-Time

Katrina Davis, M.S.
Lecturer of Business and Economics

Richard Hoogerwerf, M.S., M.B.A.
Associate Professor of Business and Economics

Gary Timpe, J.D., CPA
Lecturer of Accounting

Gary Vestermark, M.A., J.D.
Lecturer of Business

SCHOOL OF EDUCATION

Judy A. Bardonner (2007 -)
Director of Project IGNITE
Assistant Professor of Education
B.S., Education, Indiana University, 1970
M.A., Education, Butler University, 1988
Ph.D., Indiana University, 2007

Susan Beesley (1987-)
Professor of Education, Elementary
B.A., University of Evansville, 1978
M.S., Butler University, 1981
Ph.D., Indiana University, 1986

Karen L. Bevis (2003-)
Assistant Professor of Education, Secondary
Catholic School Educator Preparation Program
ACTION/T2T
B.S., Ball State University, 1982
M.A., University of Indianapolis, 1990
M.S., Butler University, 1999
Ed.D., Oakland City University, 2008

Brett Cope (1991-)
Assistant Professor of Exercise Sport Science
Head Coach: Women's Golf
B.S., Indiana University, 1982
M.S., Indiana University, 1984

Cathi Cornelius (2001-)
Associate Professor of Education, Multicultural Studies
B.S., Oklahoma State University, 1988
M.S., Northeastern State University, 1996
Ed.D., Oklahoma State University, 1999

Lori Desautels (2008-)
Assistant Professor of Education
B.A., Butler University, 1984
M.S., Indiana University-Purdue University, 1990
Ph.D., American Institute of Holistic Theology, 2007

Cynthia Farren (2008-)
Instructor of Education
B.A., Ball State University, 1980
M.A., Ball State University, 1990

Chris B. Grissom (1979-)
Associate Professor of Education
License Advisor
B.S., Indiana University, 1973
M.S., Butler University, 1976
Ed.D., Indiana University, 1998

Valerie G. Hall (2000-)
Coordinator, Undergraduate Studies and
Undergraduate Student Teaching
Professor of Education, Literacy
B.A., Purdue University, 1976
M.S., Butler University, 1980
Ph.D., Purdue University, 1994

Cheryl Hertzer (2001-)
Masters Bridge to Teaching
B.A., Indiana University, 1981
M.A., Indiana University, 1983
Ed.D., Oakland City University, 2009

Lindan B. Hill (2006-)
Dean of the School of Education
B.S., Indiana University, 1969
M.S., Purdue University, 1972
Ph.D., Purdue University, 1975

Robert Kitchens '10 (2011-)
Program Director of Indianapolis Teaching Fellows
B.S., Xavier University, 2005
M.A.T., Marian University, 2010

Jeffrey G. McNabb (2011-)
Associate Dean, School of Education
Director of Undergraduate Studies
B.S., Indiana State University, 1979
M.S., Indiana State University, 1985
M.S., Indiana University-Purdue University, 2007
Ph.D., Indiana State University, 1994

Nancy Meyer-Brown (2008-)
Instructor of Education
College Supervisor
B.S., Ball State University, 1973
M.S., Butler University, 1985

Dean Peterson (2006-)
College Supervisor
Instructor of Education
Head Cycling Coach
B.S., Purdue University, 1988
M.S., Butler University, 1997
M.S., Indiana Wesleyan University, 2005

Chandre Sanchez Reyes (2011-)
Director of Graduate Studies
Associate Director of Academy for Teaching and Learning Leadership
B.S., Indiana University, 2001
M.Ed., Indiana Wesleyan University, 2004

Patricia Stewart '81 (2005-)
Administrative Professional
B.A., Marian College, 1981

Sarah Wallace (2006-)
Instructor of Education
B.S., Indiana University, 1970
M.S., Indiana University, 1978

Erika Wise (2011-)
Program Director of Teach for America
B.S., Butler University, 1998
M.S., Walden University, 2004

Part-Time

Jennifer Aiken-Myers, M.A. (2010-)
Instructor of Education

Becky Andrade, M.S.
Lecturer of Education

Todd Bacon, B.A.
Lecturer of Exercise and Sport Studies
(See Athletics)

Victor Bardonner
Instructor of Education
College Supervisor

Joseph Brown, M.S.
Lecturer of Education

Kathryn Coats, M.S.
Instructor of Education

Kathryn Corlew, M.A.
Lecturer of Education

Jessica Dunn Feeser, M.S.
Lecturer of Education

Debora Gardner, M.S.
Lecturer of Education

A. Kurt Guldner '82, B.A.
Lecturer of Health and Physical Education
(see Athletics)

Mildred A. Guyse, M.S.
Instructor of Education
College Supervisor

Judi Hendrix, Ph.D.
Lecturer of Education

Jo Hoy, M.S.
Lecturer of Education

Jennifer LaMaster, M.S.
Lecturer of Education

Lloyd Louks, B.S.
Lecturer of Exercise and Sport Studies

Suzanne Lyons, M.A.
Lecturer of Education

Shane Moat, M.S.
Lecturer of Exercise and Sport Studies

Lynn Morrell, Ed.D.
Professor of Physical Education, Emeritus

Kristine Myers, M.S.
Lecturer of Education

Mary T. O'Brien
College Supervisor
CSEPP Coordinator

Charlie Schlegel, Ph.D.
Lecturer of Education

Stacy Schurtz, M.Ed.
Lecturer of Education

Barbara Shuey, M.S.
Lecturer of Education

Terry Wetherald, M.S.
Lecturer of Exercise and Sport Studies

SCHOOL OF LIBERAL ARTS

Pierre Atlas (2000-)
Director, The Richard G. Lugar Franciscan Center for Global Studies
Associate Professor of Political Science
B.A., University of Toronto, 1984
M.A., University of Arizona, 1993
Ph.D., Rutgers University, 2000

Sister Margaretta Black, OSF (1961-)
Professor of French
Director of Study Abroad
B.A. Marian College 1961
M.A. Case Western Reserve Univ. 1966
Ph.D. University of Wisconsin, 1972

Martine Camblor (2001-)
Director of Language Center
Foreign Language Testing and Placement
Instructor of French
B.A., University Charles V. Paris 7th, 1982
M.A., University of Besancon, 1992

Laurel L. Camp (1991-)
Professor of Psychology
B.S., North Dakota State University, 1981
M.A., University of Colorado-Boulder, 1984
Ph.D., University of Colorado-Boulder, 1986

Vickie Carson (2002-)
Administrative Assistant

Carla Castaño (2009-)
Assistant Professor of Spanish
B.A., Universidade Mògi das Cruzes – Brazil, 1988
M.A., Purdue University, 2001
Ph.D. Purdue University, 2009

Gay Lynn Crossley (1996-)
Associate Professor of English
B.A., University of South Alabama, 1987
M.A., Florida State University, 1989
Ph.D., Florida State University, 1993

Beverly S. Day '04 (2004-)
Administrative Assistant, Department of Music
B.B.A., Marian College, 2004

David Denz (2002-)
Associate Professor of Philosophy
B.A., Ohio Dominican College, 1971
Ph.D., University of Notre Dame, 1981

Marcia Eppich-Harris (2011-)
Assistant Professor of English
B.A., St. Mary-of-the-Woods College, 1998
M.A., Indiana State University, 2002
Ph.D., Marquette University, 2008

William Foley (2007-)
Assistant Professor of Photography
Pulitzer Prize, Spot News Photography, 1983
B.A., Indiana University, 2007

Johnny Goldfinger (2010-)
Assistant Professor of Political Science
Director of Prelaw Studies
B.Ch.E., University of South Alabama, 1985
B.A., University of South Alabama, 1992
M.A., University of New Orleans, 1994
M.A., Duke University, 1998
Ph.D., Duke University, 2003

Raymond J. Haberski (2000-)
Chairperson of the Department of History and Social Science
Associate Professor of History
B.A., State University of New York, 1990
M.A., State University of New York, 1992
Ph.D., Ohio University, 1999

Sidney T. Hearn (2009-)
Director of Bands
Assistant Professor of Music
B.M., University of North Alabama, 1997
M.E., Auburn University, 2004
Ph.D., Auburn University, 2009

Jamie L. Higgs (2002-)
Co-Chairperson, Department of Performing and Visual Arts
Associate Professor of Art and Art History
B.A., University of Louisville, 1991
M.A., University of Louisville, 1994
Ph.D., University of Louisville, 2002

Marcelo Hoffman (2010-)
Assistant Professor of Political Science
B.A., Earlham College, 1995
M.A., American University, 1998
Ph.D., University of Denver, 2006

Andrew P. Hohman (1985-)
Chairperson of the Department of Theology and Philosophy
Assistant Professor of Theology and Philosophy
B.A., College of Steubenville, 1971
S.T.L., Gregorian University, 1976

Carolyn Johnston (2003-)
Director of Honors Program
Assistant Professor of History
B.A., University of Alberta, 1988
M.A., Queen's University, 1990
Ph.D., University of California at Irvine, 1998

Jeffry S. Kellogg (2001-)
Associate Professor of Psychology
B.A., Hampton-Sydney College, 1991
M.A., Cleveland State University, 1996
Ph.D., University of Memphis, 2000

Philip Kern '79 (1994-)
Associate Professor of Music
B.A., Marian College, 1979
M.F.A., New York University, 1986

George F. LaMaster (2004-)
Chairperson, Department of English and Communication
Assistant Professor of Communication
B.S., Bradley University, 1993
M.Div., Princeton Theological Seminary, 1996
M.A., Indiana University, 1998
Ph.D., Indiana University, 2003

James M. Larner '79 (1985-)
Co-Chairperson, Department of Performing and Visual Arts
Director of Humanities Program
Associate Professor of Music
B.A., Marian College, 1979
M.M., Butler University, 1986
M.M., Butler University, 2003
Ph.D., Florida State University, 2006

Mary Ellen Lennon (2008-)
Assistant Professor of History
B.A., The State University of New York, 1994
M.A., Harvard University, 1997
Ph.D., Harvard University, 2002

William A. Mirola (1995-)
Director of Peace and Justice Studies Program
Professor of Sociology
B.A., Houghton College, 1985
M.A., Indiana University, 1990
Ph.D., Indiana University, 1995

James H. Norton III (1999-)
Dean of the School of Liberal Arts
Associate Professor of English
B.A., Asbury College, 1979
M.A., University of Kentucky, 1982
Ph.D., Indiana University, 1994

Cliff Oldham (2002-)
Director of Writing Center
Instructor of English
B.A., Abilene Christian University, 1979
M.A., Indiana University, 1994

Jenny Pauckner '02 (2010-)
Assistant Professor of Art and Art History
B.A., Marian College, 2002
M.F.A., Indiana State University, 2006

Faye D. Plascak-Craig (1983-)
Director of Teaching and Learning
Professor of Psychology
B.A., Purdue University, 1981
M.S., Purdue University, 1983
Ph.D., Indiana University, 1988

Diane Prenatt (1995-)
Professor of English
B.A., Indiana University, 1974
M.A., Indiana University, 1981
Ph.D., Indiana University, 1988

Donna Proctor (1987-)
Assistant Professor of Theology
B.A., Marquette University, 1980
M.A., Marquette University, 1982

Mark Reasoner (2010-)
Associate 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

Heather Rodriguez (2007-)
Assistant Professor of Sociology
B.A., University of Notre Dame, 1998
M.S., Purdue University, 2002
Ph.D., Purdue University, 2005

David Rusbasan '00 (2007-)
Assistant Professor of Psychology
B.A., Marian College, 2000
M.A., University of Connecticut, 2004

Kevin Schemenauer (2008-)
Assistant Professor of Theology
B.A., Ave Maria College, 2003
M.A., The Catholic University of America, 2005
Ph.D., The Catholic University of America, 2009

David J. Shumate (1993-)
Assistant Professor of English
B.A., Kansas University, 1973
M.A., Indiana University, 1984

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

Stephen Striby '88 (2009-)
Assistant Professor of Philosophy
B.A., Marian College, 1988
M.A., University of St. Thomas, 1994
Ph.D., University of St. Thomas, 2007

Douglas Uselding (2001-)
Associate Professor of Psychology
A.B., Ripon College, 1971
M.A., Southern Illinois University, 1974
Ph.D., Southern Illinois University, 1976

Wendy Vergoz (2007-)
Assistant Professor of English
B.A., Wheaton College, 1988
M.S., Northwestern University, 1990

Megan M. Wright (1986-)
Associate Professor of Art
B.F.A., Art Institute of Chicago, 1967
M.A.E., Indiana University, 1979
M.F.A., Indiana University, 1984

Pro-Rata Faculty

Thomas E. Gerber (1995-)
Assistant Professor of Music
M.M., Indiana University, 1984

Lynn M. Giles (1998-)
Instructor of College Reading and Learning Strategies
M.Ed., Indiana University, 1974

Part-Time Faculty

Clare Bain, M.M.
Lecturer of Music

Neal Baird, M.A.
Lecturer of Philosophy

Marj Batic, M.S.
Lecturer of College Reading and Learning Strategies

Michael Brewster-Wray, Ph.D.
Lecturer of Sociology

Rachel East, J.D.
Lecturer of Law

Betty Bruther, Ph.D.
Lecturer of History

John J. Day, M.A.
Lecturer of Political Science

Braham Dembar, M.M.
Private Music Instructor

Kevin Dugan, Ph.D.
Lecturer of Psychology

Sister Mary Gloria Gallagher, OSF, '46, M.M.
Associate Professor of Music, Emerita

Sister Stella Gampfer, OSF '61
Associate Professor of English, Emerita

Jo Garcia Hoy, M.S.
Lecturer of Spanish

Brian Johns
Private Music Instructor

Efilia Jzar, M.Ed.
Lecturer of Spanish

Margaret Moran, M.M.
Private Music Instructor

Paul Porter, M.A.
Lecturer of Communication

Fr. Robert Robeson, Ph.D.
Lecturer of Theology

Andrew Scott, M.F.A.
Lecturer of English

Cari Sovich, Ph.D., HSPP
Lecturer in Psychology

Jennifer Streit, M.A.
Lecturer of English

Jeramy Townsley, M.A.
Lecturer of Sociology

Steven Whipkey, M.M.E.
Lecturer of Music

Levi Williams, M.Th.
Lecturer of Theology

Melissa Williams, M.M.
Private Music Instructor

Roberta Williams, M.A.
Lecturer of Art Therapy

Sister Ruth Ann Wirtz, OSF, '56, M.M.
Associate Professor of Music, Emerita

James J. Zoch, M.A.
Lecturer in English

SCHOOL OF MATHEMATICS AND SCIENCES

Benjamin Allgeier (2009-)
Assistant Professor of Mathematics
B.S., University of Louisville, 2003
M.A., University of Louisville, 2005
Ph.D., University of Louisville, 2009

David P. Benson (1999-)
Associate Professor of Biology
B.A., Greenville College, 1994
Ph.D., Washington State University, 1999

Loren A. Bertocci (2007-)
Dean of the School of Mathematics and Sciences
Professor of Biology
A.B. Stanford University, 1980
Ph.D., Washington State University, 1986

John Buben (2002-)
Assistant Professor of Chemistry
B.S., Pennsylvania State University, 1973
Ph.D., University of Cincinnati, 1983

George S. Dougherty (1991-)
Assistant Professor of Biology
B.A., Indiana University, 1982
M.S., Indiana University-Purdue University, 2000

Michael J. Eoff (1970-)
Professor of Biology
B.S., University of Tulsa, 1964
M.S., University of Oklahoma, 1967
Ph.D., University of Oklahoma, 1971
J.D., Indiana University, 1978

Robert M. Gasper (1964-)
Associate Professor of Mathematics
B.S., Butler University, 1959
M.S., University of Wisconsin, 1961

Reverend Leopold R. Keffler, OFM Conv. (1980-)
Associate Professor of Biology
A.B., Assumption Seminary and College, 1961
M.A., Assumption Seminary and College, 1963
M.C.S., University of Mississippi, 1967
Ph.D., University of Mississippi, 1972

Carl S. Lecher '97 (2003-)
Assistant Professor of Chemistry
B.S., Marian College, 1997
Ph.D., Purdue University, 2003

Roderick Macrae (2002-)
Associate Professor of Chemistry
B.Sc., University of Glasgow, 1986
Ph.D., University of Glasgow, 1990

Jeffrey McClure '88 (1991-)
Instructor of Biology
B.S., Marian College, 1988
M.S., Indiana University, 1991

Sara O'Brien (2009-)
Assistant Professor of Biology
B.S., University of Illinois, 1999
M.S., University of Illinois, 2000
Ph.D., University of Washington, 2009

Ginny Smith (2008-)
Administrative Assistant
B.A., Purdue University, 1987

Jerry L. Stumpf (1981-)
Professor of Biology
A.B., Miami University, 1967
Ph.D., University of Minnesota, 1981

Ronald A. Weiss (1996-)
Assistant Professor of Biology
B.S., Widener University, 1969
M.S.T., Florida Atlantic University, 1973
M.B.A., Indiana University, 1982
Ph.D., Ball State University, 1995

Sister Monica Zore, OSF '70 (1983-)
Assistant Professor of Mathematics
B.A., Marian College, 1970
M.A., Butler University, 1978

Pro-Rata

Sister Carol Slinger, OSF '60 (1977-)
Associate Professor of Mathematics
B.S., Marian College, 1960
M.S., St. Louis University, 1969

EcoLab

Jody Nicholson '08 (2008-)
Restoration Ecologist
B.S., Marian College, 2008

Shannon Unger (2009-)
Environmental Education Coordinator
B.S., Southwest Missouri State, 2000
M.S., Southwest Missouri State, 2002

SCHOOL OF NURSING

Jean Bandos, RN, GCNS, BC (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, RN (2008-)
Assistant Professor of Nursing
Academic Advisor (2000 – 07)
B.S.N., University of Indianapolis, 1998
M.S.N., University of Indianapolis, 2007

Shandra Burton '02, RN (2010-)
Assistant Professor of Nursing
B.S.N., Marian College, 2002
M.S.N., University of Indianapolis, 2008

Rebecca Goss (2008-)
Administrative Assistant
A.S., University of Indianapolis, 1988

Jeanette DeBruhl (2007-)
Academic Advisor
B.S., North Carolina State University, 2003
M.Ed, North Carolina State University, 2007

Jodie Freeland '85, RN (1999-)
Assistant Professor of Nursing
Wishard Memorial Hospital School of Nursing Diploma - 1979
B.S., Marian College, 1985
M.S., Ball State University, 1989
PhD., Clayton College of Natural Health, 2009

Dorothy A. Gomez, RN (2002-)
Associate Professor of Nursing
Worcester City Hospital School of Nursing Diploma – 1979
B.S.N, University of Miami, 1988
M.S.N., University of Miami, 1990

Karen Hardin, RN (1996-)
Director of Baccalaureate Programs
Wishard Memorial Hospital Diploma 1973
B.S.N. Indiana University, 1978
M.S.N., Hunter College – CCNY, 1994

Janet Hertzler, RN (2011-)
Assistant Professor of Nursing
B.S.N., Indiana University-Purdue University, 1971
M.S.N., Indiana University-Purdue University, 2004

Ramona Henderson (2009-)
Assistant Professor of Nursing
B.S., Indiana University, 1971
M.S., Indiana University, 1978
Pediatric Nurse Practitioner, 1999

Jeanne A. Hoogerwerf, RN (1999-)
Coordinator of Special Projects 2011-
The Louis C. Gatto Nursing Resource Center Coordinator 2007-2011
Director of Instructional Technology 2001-2007
Director of Computer Centers 1999-2001
B.S.N., Indiana University, 1983
M.B.A., Butler University, 1993

Debra Hubbard (2005-)
Administrative Assistant

Kathleen Malarney, RN (2005-)
Assistant Professor of Nursing
B.S.N., University of Indianapolis, 1994
M.S.N., University of Indianapolis, 2004

Sheila McNelis, RN (2011-)
Assistant Professor of Nursing
B.S.N., University of Indianapolis, 1991
M.S.N., University of Indianapolis, 2011

Diane Peabody, RN (2008-)
Assistant Professor of Nursing
B.S.N., University of Akron, 1979
M.S.N., University of Akron, 1985

Gladys Phillips, RN (1996-)
Assistant Professor of Nursing
B.S.N., Indiana University, 1973
M.S.N., Indiana University, 1978

Lucia Schliessmann, RN (2011-)
Assistant Professor of Nursing
B.S.N., Johns Hopkins University, 1994
M.S.N., Johns Hopkins University, 1997

Susan Schroeder, RN (2007-)
Assistant Professor of Nursing
B.S.N., Indiana University, 1986
M.S.N., University of Indianapolis, 2006

Marsha Schuler '71 (2007-)
Academic Advisor
B.A., Marian College, 1971
M.S., Butler University, 2003

Anita Siccardi, EdD, APRN, BC (2009-)
Dean of Nursing
Professor of Nursing
B.S.N., Texas Woman's University, 1962
M.A.Ed., University of Pittsburgh, 1975
M.S.N., Indiana University, 1989
PH.D., Indiana University, 1998

Diana Smith, RN (1995-)
Assistant Professor of Nursing
B.S.N., Indiana University, 1989
M.S., Ball State University, 1983

Ann Uhar, RN (2002 -)
Assistant Professor of Nursing
B.S.N., Marquette University, 1977
M.S.N., Georgetown University, 1983

Dianne Wagner, RNC (2011 -)
Assistant Professor of Nursing
A.N., Indiana University-Purdue University, 1972
B.S.N., Indiana University-Purdue University, 1976
M.S.N., Indiana University-Purdue University, 1986
M.B.A., Indiana University, 1989

Part time

Jill Cardwell, RN, MSN
Assistant Professor of Nursing

Karen Molitoris, RN, BSN. M.A.Ed.
Community Outreach Coordinator

Ann Unversaw, RN, MSN
Assistant Professor of Nursing

STUDY ABROAD

Sr. Margaretta Black, OSF '61
Director
(See School of Liberal Arts)

STUDENT AFFAIRS

Nick Aylward (2011-)
Resident Director, University Hall
B.A., Marietta College, 2008

James Cox (2011-)
Assistant Director of Student Activities and Orientation
B.A., Purdue University, 2009

Katherine England (2011-)
Resident Director, Doyle Hall
B.A., Rutgers University, 2011

Melanie Marshall (2011-)
Resident Director, Clare Hall
B.S., Florida State University, 2010

Matthew Nelson (2011-)
Assistant Director of Student Activities and Orientation
B.S., University of Nebraska at Omaha, 2011

Mary Botos (2002-)
Campus Information Specialist

Ruth Rodgers (2005-)
Assistant Vice President of Student Affairs
Dean of Students
(See Executive Officers)

Andrea Robinson (2005-)
Assistant Dean of Housing and Residence Life
B.A., University of Wisconsin, 1998
M.A., Ball State University, 2000

Heather Condon (2010-)
Administrative Assistant
B.A., Arizona State University, 2004

Angelia Zielke (2007-)
Director of Student Activities and Orientation
B.S., University of Evansville, 2002
M.A., Ball State University, 2004

TECHNOLOGY

Dhiraj Raj Baidya (2011-)
Network Administrator
B.S., University of Baguio, Philippines, 2006
M.S., Ball State University, 2011

Doug Curran (2005-)
System Support Specialist

Martin Flaherty (2011-)
Helpdesk Manager

Mary Reiman (2010-)
Senior Database Administrator

Scott Shea (2011-)
Senior Server Administrator

Don Wenger (2001-)
Telecommunications Administrator
B.S., Purdue University, 1994

Peter Williams (2009-)
Assistant Vice President,
Chief Information Officer
(See Executive Officers)

FACULTY EMERITI

Rev. Francis E. Bryan, M.Div. (1974-)
Assistant Professor of Theology, Emeritus

James Divita, Ph.D. (1961-2003)
Professor of History, Emeritus

William J. Doherty, Ph.D. (1963-2000)
Professor of History, Emeritus

Shirley J. Friedman, MSN, RN (1978-2000)
Associate Professor of Nursing, Emerita

Sister Mary Gloria Gallagher, OSF, M.M. '46 (1980-1995)
Associate Professor of Music, Emerita

Sister Stella Gampfer, OSF, M.A. '61 (1974-2011)
Associate Professor of English, Emerita

James E. Goebel, M.A. (1962-1999)
Associate Professor of English, Emeritus

Mary T. Haugh, Ph.D. '50 (1956-1998)
Professor of Sociology, Emerita

Sister Marilynn Hofer, OSF, Ph.D. '60 (1967-1995)
Professor of Education, Emerita

Mary Malatesta, M.B.A. (1957-1986)
Professor of Business Administration and Accounting, Emerita

Richard Minasz, Ph.D. (1984-2000)
Professor of Chemistry, Emeritus

Lynn Morrell, Ed.D. (1971-2006)
Professor of Physical Education, Emeritus

Esther O'Dea, R.N., Ph.D. (1991-2002)
Nursing and Nutrition Sciences, Emerita

William Pedtke, M.A. (1965-2000)
Associate Professor of Philosophy, Emeritus

Roy F. Pille, M.B.A. (1968-2000)
Associate Professor of Business
Administration, Emeritus

Rosanne R. Pirtle, Ph.D. (1981-1999)
Professor of Education, Emerita

Sara Reid, M.M. (1978-2002)
Assistant Professor of Music, Emerita

Constance Wesner, M.S.Ed. (1974-2005)
Associate Dean for Academic Affairs, Emerita

Sister Ruth Ann Wirtz, OSF, M.M. '56 (1959-1994)
Associate Professor of Music, Emerita

Sister Olga Wittekind, OSF, Ph.D. (1972 – 2000)
Professor of Psychology, Emerita

Sister Adele Zahn, OSF, Ph.D. (1953-1989)
Professor of Literature, Emerita

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