

MARIAN UNIVERSITY

A photograph of three people walking on a paved path on a university campus. On the left is a woman with dark hair wearing a pink cardigan over a patterned top and a black skirt. In the center is a young man wearing a blue t-shirt with 'MARIAN UNIVERSITY EST 1826' printed on it and khaki shorts. On the right is a young woman with long brown hair wearing a yellow t-shirt and blue jeans. They are all smiling and looking towards each other. The background is filled with lush green trees and a white building on the right side.

Undergraduate Academic Bulletin 2016–17

Table of Contents

University Information	2
Academic Information	
Undergraduate Admission	5
Financial Aid	9
Tuition and Fees	13
Academic Support and Student Services	15
General Academic Information	17
Academic Policies and Procedures	20
Academic Programs	
School of Arts and Sciences	41
School of Business	65
School of Education	80
School of Nursing and Health Professions	85
Course Descriptions	96
University Roster	185
Office Directory	198

UNIVERSITY INFORMATION

Marian University, Inc.

Marian University is incorporated as a not-for-profit corporation organized and existing under the laws of the State of Wisconsin. The University is sponsored by the Congregation of Sisters of St. Agnes, a Roman Catholic group of women religious approved by papal approbation filed at the Vatican.

Marian University shall be managed and operated in accordance with the laws of the federal, state, and local governments and within the teaching, traditions, and laws of the Church and in keeping with the collegially derived Vision, Mission, Core Values, and strategic plan approved by the University's Board of Trustees and the Congregation of Sisters of St. Agnes.

Mission

Marian University is a Catholic applied liberal arts community that welcomes diverse spiritual traditions. Sponsored by the Congregation of Sisters of St. Agnes, Marian University engages students in the education of the whole person. We embrace justice and compassion and transform lives for professional service and leadership in the global community.

Vision

Developing potential, and enriching lives through teaching and learning – united in service for a just and humane world.

Core Values

The five core values of Marian University inspire everything that we do -- in the classroom, in activities, in service to others, and in our relationships with one another.

- **Community:** Respecting our diversity as individuals, we encourage, challenge, and nurture one another, joining together to accomplish our shared mission and vision.
- **Learning:** We engage in a collaborative lifelong process of seeking truth and appropriating knowledge and values to transform the individual, our communities, and the world.
- **Service:** Through active service and ministry, we support one another and seek to meet the needs of the larger community.
- **Social Justice:** We work to create individual and societal change which supports the value, dignity, and opportunity of every person.
- **Spiritual Traditions:** Valuing Marian's Catholic religious heritage, we respect each individual's freedom to explore a diversity of spiritual beliefs.

History

Since its founding by pioneer missionary Fr. Caspar Rehr, the Congregation of Sisters of St. Agnes has carried out a ministry of education, which led to the establishment of Marian College

in 1936. First conceived as a school for teacher education to permit religious Sisters full expression of their Catholic identity, the College added professional programs and developed a liberal arts foundation that it has maintained to this day.

Under the leadership of Sisters Aloysia Leickem and Vera Naber, the Congregation of Sisters of St. Agnes opened Marian College on September 8, 1936. Seventeen full-time and 25 part-time students attended the College on the first floor of one wing of their convent. The College remained at the convent on East Division Street until moving to the present campus, at the corner of South National Avenue and East Division Street, in 1966. Soon after its founding, the College offered a degree completion program for graduates of the St. Agnes Hospital School of Nursing; Marian absorbed the program in 1966, three years after Marian's Bachelor of Science in Nursing program began. Medical Technology was added in 1953 and Secondary Education in 1959.

After the College was incorporated separately in May 1963, leadership was passed from the Congregation of Sisters of St. Agnes to a Board of Trustees. The Congregation continues its sponsorship of the University, and the Marian Board of Trustees works in collaboration with the Congregation. In addition, the Sisters contribute significantly to the life of the University through service in administrative, faculty, and staff positions within the community.

On May 1, 2008, Marian College was officially recognized by the Higher Learning Commission of the North Central Association of Colleges and Schools as Marian University.

Along with our programs in the professional areas of Education, Business, and Healthcare, the University continues its support of undergraduate traditional liberal arts majors and requires that all students participate in a strong liberal arts core curriculum. The first graduates of the Higher Learning Commission-accredited Master of Arts in Education received their degrees at the May 1989 commencement, the Master of Science in Organizational Leadership and Quality in 1994, Master of Science in Nursing in 2004, and the Master of Science in Thanatology in 2013. The University's Ph.D. program in Educational Administration and Leadership began in fall 2004 and conferred its first doctoral degrees in May 2008

Non-Discrimination Policy

Marian University admits students of any race, color, creed, age, sexual orientation, national or ethnic origin, or disability to all the rights, privileges, programs, and activities generally accorded and made available to students at the University. The University extends these same assurances to its employment applicants and to its employees. Marian University does not discriminate in the administration of its educational policies, scholarships or loans, and other school-administered programs. Marian University is an Equal Opportunity Employer.

Rehabilitation Act of 1973 and Americans with Disabilities Act of 1990

Marian University does not discriminate on the basis of disability in its educational programs or employment practices. Wherever possible, reasonable accommodations will be made to ensure that the University environment and academic programs are accessible to the greatest extent possible to all students and employees with disabilities. For complaints or concerns related to the Non-Discrimination Policy and/or the Statements related to the Rehabilitation Act of 1973 or the Americans with Disabilities Act of 1990, please contact the Office of Mission and Student Engagement.

Title IX

It is the policy of Marian University and the requirement of Title IX of the Education Amendments of 1972 and Part 86 of Title 45 of the Code of Federal Regulations not to discriminate on the basis of sex in educational programs or activities, including employment and admission. Inquiries concerning the application of this law and regulations may be referred to the President of Marian University.

Veteran Support

Marian University honors the contributions and sacrifices made by members of the armed forces, and are committed to providing high quality support services and education for military and veteran students and their families. The Marian community welcomes veterans who wish to begin or continue their education.

Marian University is a member of the Servicemembers Opportunity Colleges (SOC) Consortium. SOC, established in 1972, consists of national higher education associations and approximately 1,900 institutional members. SOC Consortium institutional members subscribe to principles and criteria to ensure that quality academic programs are available to military students including those on active duty, Coast Guard personnel, reservists, members of the National Guard, family members, civilian employees of the Department of Defense, and veterans of all Services. As a SOC Consortium member, this institution ensures Servicemembers and their family members share in appropriately accredited postsecondary education opportunities available to other citizens. Flexibility of programs and procedures particularly in admissions, counseling credit transfer, course articulations, recognition of non-traditional learning experiences, scheduling, course format, and residency requirements are provided to enhance access of military students and their family members to higher education programs. Marian University is proud to provide veterans and active duty military members with the necessary resources and support to assist with meeting their educational goals.

Faculty

Professors at Marian University are prepared to impart the latest knowledge and insight their fields of specialization offer.

All full-time faculty members have completed one or more advanced degrees. Over 56% of the faculty holds an earned doctorate or terminal degree and many others are candidates for the doctoral degree. Most faculty members in the professional programs also hold certification and are members of their respective professional associations.

Instruction

Marian University provides a wide range of learning opportunities. In addition to traditional lecture classes, Marian offers study abroad, independent study, field trips, practica, clinicals, student teaching, seminars, summer institutes, cooperative education, 100 percent online classes, and hybrid classes which combine online and on-ground instruction.

Strength-based Philosophy

Marian University dedicates itself to inspiring students to achieve success and fostering their well-being. Since 2008, students have been encouraged to take the Gallup StrengthsQuest survey, which identifies their unique talents and strengths on which goals can be set for personal and professional development. To create the positive climate necessary to empower students to take responsibility for their individualized talents and strengths, Marian University:

- Supports the unique strengths of each student;
- Focuses on strengths in relationship building;
- Emphasizes strengths in developing leadership skills;
- Explores career options based on talent patterns;
- Builds confidence, sense of well-being, happiness, and hope for the future; and
- Empowers students to design their preferred future based on their strengths.

ACCREDITATION

Higher Learning Commission
230 South LaSalle Street, Suite 7-500
Chicago, IL 60604
(312) 263-0456 • www.hlcommission.org

Commission on Collegiate Nursing Education
www.aacn.nche.edu/accreditation

Council on Social Work Education
www.cswe.org

International Assembly for Collegiate Business Education
www.iacbe.org

Joint Review Committee on Education in Radiologic Technology
www.jrcert.org

National Association for the Education of Young Children
www.naeyc.org

Council for Accreditation of Educator Preparation
www.caepnet.org

APPROVALS AND AUTHORIZATIONS

Wisconsin Executive Order #59 by means of the Wisconsin Association of Independent Colleges and Universities
 Servicemember Opportunity Colleges Consortium
 Wisconsin Department of Public Instruction
 Wisconsin State Approving Agency/Federal GI Bill in Wisconsin
 Wisconsin State Board of Nursing

By federal law, Marian University is authorized to enroll nonimmigrant students.

Specific state-mandated disclaimers regarding distance education:

Indiana

“This institution is authorized by:
 The Indiana Board for Proprietary Education
 101 W. Ohio St., Suite 670
 Indianapolis, IN 46204-1984”

Minnesota

“Marian University is registered with the Minnesota Office of Higher Education pursuant to Minnesota Statutes sections 136A.61 to 136A.71. Registration is not an endorsement of the institution. Credits earned at the institution may not transfer to all other institutions.”

MEMBERSHIPS

American Association of Colleges for Teacher Education
 American Association of Colleges of Nursing
 American Association of Collegiate Registrars and Admissions Officers
 American Association of University Women
 American Council on Education
 Association for Death Education and Counseling
 Association for Student Affairs at Catholic Colleges and Universities
 Association of American Colleges and Universities
 Association of Catholic Colleges and Universities
 Association of Governing Boards of Universities and Colleges
 Association of Graduate Schools in Catholic Colleges and Universities
 Association of Independent Liberal Arts Colleges for Teacher Education
 Catholic College Cooperative Tuition Exchange Consortium for Student Retention Data
 Council for Accreditation of Educator Preparation
 Council for Adult and Experiential Learning
 Council for Advancement and Support of Education
 Council for Opportunity in Education
 Council of Graduate Schools
 Council of Independent Colleges
 Council on Law in Higher Education
 Financial Executives International
 Fond du Lac Area Association of Commerce

Fond du Lac County Economic Development Cooperation
 Fox Cities Chamber of Commerce
 Green Bay Area Chamber of Commerce
 Innovative Users Group
 Management Association, The
 Metropolitan Milwaukee Association of Commerce
 National Alliance for Grieving Children
 National Association for Campus Activities
 National Association for College Admission Counseling
 National Association of College and University Business Officers
 National Association of Colleges and Employers
 National Association of Independent Colleges and Universities
 National Association of Student Financial Aid Administrators
 National Association of Student Personnel Administrators
 National Catholic College Admission Association
 National Collegiate Athletic Association
 National Hospice and Palliative Care Organization
 National League for Nursing
 Northeast Wisconsin Consortium for Adult Education
 Northern Athletics Collegiate Conference
 Northern Collegiate Hockey Association
 Oshkosh Chamber of Commerce
 Society for Human Resource Management
 Southeastern Wisconsin Educational Consortium
 Study Wisconsin
 Tuition Exchange Inc., The
 Waukesha County Business Alliance
 Wausau Region Chamber of Commerce
 West Allis/West Milwaukee Chamber of Commerce
 West Bend Area Chamber of Commerce
 Wisconsin Academic Advising Association
 Wisconsin Association for College Admission Counseling
 Wisconsin Association of Colleges and Employers
 Wisconsin Association of Colleges for Teacher Education
 Wisconsin Association of Collegiate Registrars and Admissions Officers
 Wisconsin Association of Higher Education and Disability
 Wisconsin Association of Independent Colleges and Universities
 Wisconsin Campus Compact
 Wisconsin Emergency Management Association
 Wisconsin Independent College of Teacher Education
 Wisconsin Institute for Peace and Conflict
 Wisconsin Library Association
 Wisconsin Women in Higher Education Leadership

TRADITIONAL UNDERGRADUATE ADMISSION (DAY PROGRAM)

General policy

Admission to Marian University is granted to students who show academic preparedness and where personal success seems likely. The goal of the Admission Selection Committee is to admit students who may best benefit from and contribute to the academic program and student life at the University. Marian University admits qualified students to all programs and activities and offers all the rights and privileges pertaining thereto, regardless of race, sex, creed, color, ethnic origin, or disability.

In determining an applicant's eligibility, the University gives consideration to the applicant's academic record, ACT or SAT test scores, and any college credit earned during or after high school graduation. Letters of recommendation and life experience are also considered. Credentials for each applicant are evaluated on an individual basis by the Admission Selection Committee to determine the potential for success of each candidate.

Admission decisions are made on a rolling basis; however, it is beneficial for students to apply early. Beginning no later than September 1, applicants will receive a response within two to three weeks once all required documents (application, transcript(s), and test scores) have been received. The Office of Undergraduate Admission may accept the student, accept the student with provisions, or deny acceptance until evidence of academic potential is provided.

ADMISSION CRITERIA

First-time freshman

Marian University seeks applicants who have demonstrated the ability to successfully complete a challenging academic program. One of the best indicators for success in college is a strong high school record. The Admission Selection Committee will begin to evaluate students with at least a C average (2.00 GPA on a 4.00 scale), who rank in the upper half of their high school graduating class, and who present a minimum composite score of 18 on the ACT/860 on the SAT. GED students are expected to achieve a composite score of at least 2500 (250 composite score on tests completed before 1/1/02). A student's transcript and test scores are used to determine the potential for success of each student as determined on an individual basis. The Office of Undergraduate Admission may require additional information, including an on-campus interview, essay, or letters of recommendation, in determining the candidate's admissibility to the University.

Admission to freshman standing at Marian assumes at least 17 units of high school credit including at least four units of English, two of mathematics, one of laboratory science, and one of history. If a student's high school credits do not conform to this pattern but the record indicates a high probability of success in college, the application will still be considered.

For students who do not meet the admission criteria above, the Admission Selection Committee may request an interview for potential admission via the EXCEL Program (see EXCEL Program) or deny admission to the University.

To be considered for admission, candidates must submit the following:

1. A completed Marian University application, available from the Office of Undergraduate Admission or at www.marianuniversity.edu/apply.
2. A non-refundable \$20 application fee (waived if student applies online).
3. A high school transcript covering at least the first six semesters of coursework. All available aptitude and achievement scores, cumulative grade point average, and class rank should be included on the transcript if possible.
 - a. Students who have earned a General Educational Development (GED) diploma or High School Equivalency Diploma (HSED) must request that an official score report and an official partial transcript from any high school attended be sent directly to the Office of Undergraduate Admission by the respective agency or school(s). GED students are expected to achieve a minimum composite score of 2500 (250 composite score on tests completed before 1/1/02).
 - b. Students who have been home-schooled should consult with the Office of Undergraduate Admission.
 - c. Admission is contingent upon submission of final official high school transcripts, including the student's date of high school graduation. Failure to complete any of the aforementioned steps may result in the forfeiture of the student's right to admission and enrollment.
4. An official ACT or SAT test score report. These aptitude tests are given at various centers throughout the country and information concerning the tests can be obtained from local high school guidance counselors. Copies of test scores are sent directly to the colleges indicated by the student on the test registration form. Marian accepts both the ACT and SAT for admission purposes. Marian University code numbers are as follows: ACT – #4606; SAT – #1443.

Transfer students

Students who have acquired academic credits at another regionally or nationally accredited college or university may be admitted to Marian with advanced standing. To be considered for admission as a transfer student, a minimum cumulative GPA of 2.00 (on a 4.00 scale) is required. Only college credits with a grade of C– or higher will be accepted in transfer. The Marian grade point average is based solely on courses taken at Marian University.

To be considered for admission, candidates must submit the following:

1. A completed Marian University application, available at www.marianuniversity.edu/apply.
2. A non-refundable \$20 application fee (waived if student applies online).
3. An official high school transcript, if fewer than 32 credits have been earned at a post-secondary institution.
4. An official transcript from each college or university attended, including courses in progress. A final official transcript is required once final grades are posted and must be submitted prior to the end of the first semester of enrollment at Marian University.

Readmission of former students

If a student has not maintained continuous enrollment at Marian University, formal application to the University must once again be made. If necessary, the Marian University Readmission Committee will review an applicant's file to determine if the student should be re-admitted to the University. This decision is based on past academic performance, as well as the student's conduct while previously enrolled at Marian. All outstanding financial obligations must be satisfied before student can enroll following readmission. Probationary status and academic standing continue upon readmission, if applicable. The program requirements and academic standards that were effective upon initial enrollment in the major will be applicable if the student is re-admitted after an absence of only one semester. For non-enrollment for two or more continuous semesters (fall and spring), the program requirements and academic standards that are currently effective will be applicable.

To be considered for readmission, candidates must submit the following:

1. A completed Marian University application, available at www.marianuniversity.edu/apply.
2. No application fee is necessary.
3. An official transcript from each college or university attended since last enrolled at Marian University.

International students

International students are admitted to the University at the beginning of the fall and spring semesters. To be considered for admission, students must first demonstrate proficiency in English.

Marian University accepts the following English proficiency examinations:

- TOEFL: minimum score of 70 on iBT, a 193 cBT, or a 525 on pBT required
- IELTS: minimum score of 6.0 required
- ACT/SAT results (Canada only)
- **STEP/EIKEN**: completion of Level 1 required (only for students whose native language is Japanese)
- WESLI (Wisconsin English as a Second Language Institute): successful completion and advisor evaluation and recommendation required

- Completion of Spring International Language Center Advanced Level 6
- Successful completion of 1 year (approximately 30 credits) at a U.S. college or university

In addition to the required proof of English proficiency, international applicants must also possess a strong academic record to be considered for admission to the University.

To be considered for admission, candidates must submit the following:

1. A completed Marian University application www.marianuniversity.edu/apply.
2. Official English proficiency examination results or score report.
3. Official or certified true and attested copies of all secondary school records, all college/university transcripts (if applicable), diplomas, certificates, and external examination results. All academic records must include an English translation.

If prior degrees or university academic work has been completed outside the United States, the applicant should contact any of the member agencies of the National Association of Credential Evaluation Services (www.naces.org) or the Association of International Credential Evaluators (www.oice.org) for equivalency evaluation of foreign credentials and coursework. These agencies provide the evaluation service for a fee to the applicant, and are not affiliated with Marian University.

International applicants must submit all required documents by May 1 for the fall semester or October 1 for the spring semester. Upon admission, international students must also submit proof of financial support to be used during the period of study before an I-20 form will be issued.

EXCEL Program admission

Students who have the potential for academic success and a strong desire to learn, but who do not meet general admission requirements may be admitted to the EXCEL Program. This program, which admits a limited number of students annually, is designed to support students in their transition to the college experience by outlining the expectations and responsibilities of students for achieving both academic and personal success.

The EXCEL Program is open to first-time, full-time freshmen, as well as transfer students who bring with them fewer than 15 semester credit hours. Students who are seeking admission to Marian University through the EXCEL Program will be interviewed by the EXCEL academic advisor to assess the proper fit of the program for the student. This interview also provides the student with the opportunity to learn more about the program and its requirements. The results of the interview will be taken into consideration when determining admission to the program.

Students admitted to the EXCEL Program must meet with their academic advisor at regular intervals during their first year to review the expectations and responsibilities of the students over the duration of the program. During the freshman year, students take 24–30 credits from a prescribed curriculum. Students must complete a minimum of 24 credits with a minimum GPA of 2.00 by the end of their first year in order to continue at Marian University the following semester. Progress will be reviewed at the end of each semester. If adequate progress is not made, students may be dismissed from the University.

Campus visits and interviews

Prospective students find a campus visit to be one of the major factors in determining the best college for them. A visit to Marian University will include a campus tour led by a current student and a meeting with a counselor to discuss the admission process. Other appointments with representatives from financial aid, athletics, or academic programs may be arranged as well. A typical visit to Marian University will last 1½ to 2 hours depending on the needs of the student and family.

Visits are available Monday through Friday from 9:00 a.m. to 3:00 p.m. and on Saturday by appointment. Advance notice of one week is preferred when scheduling a visit.

Open houses and campus sneak preview days are also offered throughout the year. For more information on all campus visit opportunities, see www.marianuniversity.edu/visit.

Student Orientation and Academic Registration (SOAR) for first-time freshmen

Upon receipt of the Marian University acceptance letter, new students are asked to submit an enrollment commitment/ tuition deposit of \$100. This deposit is applied toward the student's fall tuition and is refundable until May 1 upon the student's formal request. Students who submit their deposit early receive priority class selection and housing placement.

Orientation activities for new students begin with SOAR (Student Orientation and Academic Registration) days that take place throughout late spring and early summer. On these dates, students and parents become acquainted with University resources and procedures. Students meet with their academic advisor who assists in selecting appropriate coursework.

A few days prior to the start of the official academic year, new students come to campus for a continuation of orientation activities and events. Students who participate in orientation activities adjust more quickly and easily to college life.

For students entering in the spring semester, the \$100 tuition deposit is applied to spring tuition and is refundable until January 2 upon the student's formal request. Students meet individually with their academic advisors to choose classes in

late fall/early winter, followed by an orientation program prior to the start of the spring semester.

Students with disabilities

Information regarding services for students with disabilities or special needs is available in the Center for Academic Support and Excellence. Students needing these services are encouraged to contact and meet with the Coordinator of Disability Services prior to enrollment.

Advanced placement

Incoming freshmen with strong academic abilities may be eligible for advanced placement. Academic credit may be awarded for satisfactory scores on the Advanced Placement (AP) tests, College Level Examination Program (CLEP) tests, or DSST. Students should see their school guidance or career offices for further information regarding these examinations.

Post-secondary enrollment options

High school juniors and seniors meeting certain academic requirements may take post-secondary courses at Marian University through Wisconsin's Youth Options Program (YOP). Approved coursework grants credit toward the requirement for high school graduation and fulfills college credit. The program provides students with an opportunity to begin college coursework early. Information and application forms may be obtained from all high school guidance or career offices.

Last day to enroll

Students may be admitted to Marian University and enrolled after the regular registration period but within the first week of classes. Registration is closed at the end of the first week of both the fall and spring semesters.

ADULT UNDERGRADUATE ADMISSION (ACCELERATED/EVENING/ONLINE PROGRAMS)

ADMISSION CRITERIA

First-time freshmen

Marian University seeks applicants who have demonstrated the ability to successfully complete a challenging academic program through the Adult Accelerated/Evening/Online Program. A student's high school transcript is used to determine the potential for success of each student as determined on an individual basis.

To be considered for admission as a first-time freshman student for the Adult Accelerated/Evening/Online Program, a minimum cumulative GPA of 2.00 (on a 4.00 scale) is required. Candidates must submit a final official high school transcript with their graduation date listed. For those students who have earned a General Educational Development (GED) diploma or High School Equivalency Diploma (HSED), they must request that an official score report and an official partial transcript from any high school attended be sent directly to the Office of Adult and Graduate Admission by the respective agency or school(s). GED students are expected to achieve a minimum composite score of 2500 (250 composite score on tests completed before 1/1/02).

For students who do not meet these admission criteria, the Admission Selection Committee may review the file for potential admission via a probationary acceptance or deny acceptance to the University.

Transfer students

Students who have acquired academic credits at another regionally or nationally accredited college or university may be admitted to Marian with advanced standing. To be considered for admission as a transfer student for the Adult Accelerated/Evening/Online Program students must have a minimum cumulative GPA of 2.00 (on a 4.00 scale). Only college credits with a grade of C– or higher will be accepted in transfer. The Marian grade point average is based solely on courses taken at Marian University. Students transferring to Marian must complete at least one-half of the major credits or one-third of the minor credits required by each program at Marian University. For those students who do not meet that admission criterion, the Admission Selection Committee may review the file for potential admission via a probationary acceptance or deny acceptance to the University.

To be considered for admission to the Adult Accelerated/Evening/Online Program, candidates must submit the following:

1. A completed Marian University application, available from the Office of Adult and Graduate Admission or at www.marianuniversity.edu/apply (see the Accelerated/Evening/Online and Graduate application).
2. A non-refundable \$20 application fee (waived if student applies online).

3. An official high school transcript, if fewer than 32 credits have been earned at a post-secondary institution.
4. An official transcript from each college or university attended, including courses in progress. A final official transcript is required once final grades are posted and must be submitted prior to the end of the first term of enrollment at Marian University.

Readmission of former students

If a student has not maintained continuous enrollment at Marian University for one full year, formal application to the University must once again be made. If necessary, the Marian University Readmission Committee will review an applicant's file to determine if the student should be re-admitted to the University. This decision is based on past academic performance, as well as the student's conduct while previously enrolled at Marian. All outstanding financial obligations must be satisfied before the student can enroll following readmission. Probationary status and academic standing continue upon readmission, if applicable. The program requirements and academic standards that were effective upon initial enrollment in the major will be applicable only if the student is re-admitted after an absence of one academic year. For non-enrollment for two or more continuous semesters (fall and spring), the program requirements and academic standards that are currently effective will be applicable.

To be considered for readmission, candidates must submit the following:

1. A completed Marian University application, available from the Office of Adult and Graduate Admission or at www.marianuniversity.edu/apply (see the Accelerated/Evening/Online and Graduate application).
2. No application fee is necessary.
3. An official transcript from each college or university attended since last enrolled at Marian University.

Campus visits/appointments

Adult and Graduate Admission: Arrangements for campus visits/appointments are made through the Office of Adult and Graduate Admission at 920.923.7650 or by individual appointment with an admission counselor.

For students interested in graduate programs, please see the School pertaining to your degree for admission and progression information or contact 920.923.7650.

FINANCIAL AID

Financial aid at Marian University is awarded on the basis of financial need and/or academic performance. Need is defined as the difference between total educational costs and the contribution expected from the student and his/her family. Expected parent and student contributions are computed according to a federal formula known as Federal Methodology. Complete financial aid information is available at www.marianuniversity.edu/financialaid.

Application process for students seeking financial aid:

1. Be accepted for admission to Marian University in a degree program.
2. Be enrolled at least half-time for most aid types (full-time for Institutional aid).
3. File a Free Application for Federal Student Aid (FAFSA) form online at www.fafsa.ed.gov.
4. Complete the Marian University Electronic Supplemental Form (E-SUPP) to be considered for maximum assistance – applicable to returning and adult program students.
5. Application process should be completed in time to be received by the Office of Financial Aid no later than March 1 for maximum consideration for the following academic year. Late applicants will be considered as long as funds remain.

All Marian University financial aid awards are for one academic year only. Students must reapply, following steps 3–5 above, each year of attendance. Summer eligibility is determined separately from the fall and spring awarding year. Summer applications are available on the Financial Aid website beginning April 1.

To continue receiving financial aid, students must continue to demonstrate need and maintain satisfactory academic progress as defined by the University. The policy regarding satisfactory academic progress for financial aid purposes is available from the Office of Financial Aid or online at [http://www.marianuniversity.edu/uploadedFiles/Admission/Undergraduate/Financial_Aid/SAP%20Policy%202011\(update\).pdf](http://www.marianuniversity.edu/uploadedFiles/Admission/Undergraduate/Financial_Aid/SAP%20Policy%202011(update).pdf).

Marian University students in need of financial aid and meeting eligibility criteria may receive a financial aid award consisting of one or more of the following:

Grants (non-repayable gift aid)

Priority is given to early applicants.

Federal Pell Grant

The Pell Grant is for qualified undergraduate students enrolled at Marian University and seeking their first undergraduate degree. The amount awarded is based on a formula set by the U.S. Department of Education. Students are limited to receive Pell Grant no more than 12 semesters, or the equivalent of 6

full-time academic years (or 600%). Students can review their Lifetime Eligibility Used by accessing the National Student Loan Data System (NSLDS).

Federal Supplemental Educational Opportunity Grant (SEOG)

The Supplemental Education Opportunity Grant (SEOG) is awarded to undergraduate students with exceptional financial need, as determined by the Office of Financial Aid. Priority is given to Pell Grant recipients. Awards range from \$100 to \$4,000 per academic year depending on the student's need and funds available.

Indian Grant

There are federal and Wisconsin state grants for Native American students that are registered with a tribal agency, if they meet criteria and if funds are available. Recipients must be at least one-fourth Native American Indian as certified by the appropriate tribal agency. Certification forms are available from the Bureau of Indian Affairs Office or the State Higher Educational Aids Board Office.

Marian University Family Discount

The Marian University Family Discount aids families in which two or more members from the same household are simultaneously enrolled as full-time traditional undergraduate students enrolled in the daytime program at Marian. This discount provides a \$1,000 maximum annual benefit (\$500 per semester) per family member.

Wisconsin Talent Incentive Program Grant (TIP)

The Talent Incentive Program Grant (TIP) is a grant available to students who are in need and Wisconsin residents. First-year students may be nominated by a Wisconsin Educational Opportunity Program Officer or through the Office of Financial Aid. The FAFSA is required and early application is encouraged. This grant is renewable for four years and ranges up to \$1,800 per year.

Wisconsin Grant (WI Grant)

This grant is restricted to Wisconsin residents who are enrolled at least half-time, attending private institutions within the state, and file their FAFSA early. The amount of the grant is based on a formula using the student's expected family contribution and the tuition costs at Marian University. The maximum grant is determined by the State of Wisconsin. The FAFSA is the only application required. Students are limited to 10 semesters of this grant.

Merit Scholarships

Scholarships may be offered to new full-time traditional undergraduate students. Merit scholarships are offered based on the student's grade point average in high school and/or college, ACT or SAT test scores, and involvement in school and community activities. There is no separate application other than the admission application. Scholarships are renewed provided the student remains full-time and maintains satisfactory academic progress.

Academic Achievement Award*\$15,000 per year*

A limited number of Academic Achievement Awards are granted each year to incoming first-year students based on high school performance and standardized test scores. Candidates for the Academic Achievement Award possess a minimum GPA of 2.50 or better on a 4.00 scale, and score a minimum composite ACT score of 26.

Sr. Mary Mollison Legacy Scholarship*\$12,000 per year*

Sr. Mary Mollison Legacy Scholarships are awarded each year to eligible students possessing a minimum GPA of 3.40 or better on a 4.00 scale and score a minimum composite ACT score of 25 or lower.

Trustee Scholarship*\$10,000 per year*

Trustee Scholarships are awarded each year to eligible students possessing a 2.80–3.39 GPA on a 4.00 scale, and have a minimum composite ACT score of 25 or lower.

Naber Leadership Scholarship*\$8,000 per year*

Naber Leadership Scholarships are awarded each year to eligible students possessing a 2.50–2.799 GPA or better on a 4.00 scale and/or have a minimum composite ACT score of 21 – 25.

Sr. Mary Sheila Burns Award*\$6,000 per year*

Sr. Mary Sheila Burns Awards are awarded each year to eligible students demonstrating academic promise, leadership abilities, and involvement in school and community activities.

Partnership High School Award*\$11,000 per year*

This award is given to any applicant who has graduated with 2.8 GPA from one of our affiliate high schools.

Transfer scholarships

Marian offers transfer scholarships and leadership awards that range from \$1,000 to \$7,000 per year to qualified full-time students enrolled in traditional undergraduate programs. The undergraduate application for admission, along with all necessary transcripts, serves as the scholarship application.

Additional new student awards

New full-time traditional undergraduate students are also considered for the Marian University Family Discount, Legacy Award, CSA (Congregation of Sisters of St. Agnes) Legacy Award, or Pre-College Camp Award when they apply for admission to the University and meet designated criteria.

Other scholarships

The following scholarships range from \$200 to \$10,000 and are

awarded to students on the basis of demonstrated financial need and/or academic performance. Awards are determined by the Office of Financial Aid for students that complete the financial aid application process. Individual applications are only required for those scholarships designated with a *.

Endowed scholarships*George P. and Helen B. Andrew Scholarship**Mary Ann and Frank Austin Scholarship**George J. and Mary C. Becker Scholarship**Ruth Nettekoven Becker Scholarship**Leon and Asella Biederman Scholarship**Sr. Cletus Blochlinger Scholarship**Bernice Hansen Bown Scholarship**Ralph Breit Scholarship**Sr. Dolora Brogan Scholarship**Dr. and Mrs. Henry Chang Scholarship**Congregation Sisters of St. Agnes Scholarship**Consultants Laboratory Nursing and Medical Technology Scholarship***Harry and Paschaleen Coonradt Scholarship**Lou and Kathy Cristan Scholarship**CSA Legacy Scholarship**Sister Digna Desch Scholarship**Rita Hewitt DiFrances Scholarship**Giles Doherty Scholarship**Mary M. Brandl Draheim Memorial Scholarship**Dr. William and Elsie Egan Endowed Scholarship**Fond du Lac Medical Alliance Nursing Scholarship**Angeline Jakovek Fritz Nursing Scholarship**Ross and Viola Galbreath Memorial Scholarship***Elizabeth and Walter Goebel Nursing Scholarship**Dorothy Guelig Scholarship**Jeanette and Harry Heeb Scholarship**Gretchen Verbetun Hornung Scholarship**Claire G. Hutter Scholarship**Jordan–Brunswick Scholarship**E.C. Kiekhaefer Memorial Scholarship**Helen Mary Dore Koehn and Joseph Koehn Scholarship**Sister Irene Kohne/St. Francis Home Scholarship**Dr. Michael A. and Dolorosa O'Brien Korb Family Scholarship**Michael J. Kraus Memorial Scholarship**Marian University Cabinet Scholarship**Marian University School of Education Scholarship**Belen Sanchez Mayorga Scholarship***Elaine Penkwitz McCarthy Scholarship**Dale R. Michels Family Scholarship**Clarinda T. Mischler and Sister Adalbert Nursing Scholarship**Dr. Robert and Alice Moser Scholarship**National Exchange Bank & Trust Scholarship**James E. Nintzel Scholarship**Mildred and William O'Connor/Thomas Schevers Scholarship**Mary O'Rourke Scholarship**Dr. Ewald and Dorothy Pawsat Scholarship**Robert and Alice M. Promen Scholarship**Ira A. Ridenour Memorial Scholarship**

Ellen and Rachel Ritchie Memorial Scholarship
Gertrude H. Rodenkirch Memorial Scholarship
Gladys Salter Scholarship
*Sargento Foods, Inc.**
Elizabeth Schevers-Tangen Memorial Scholarship
Sister John Baptist Shaja Memorial Scholarship
James and Kathleen Simon Scholarship
Brother Bob Smith Urban Scholarship
Social Work Program Scholarship
Dorothy Theisen Scholarship
Sr. Mary Agreda Touchett, CSA Scholarship
Dr. Edward W. and Myrtle Vetter Scholarship
Dr. Ruth Wilmington Scholarship
Agnes Ziegert Scholarship

Annual scholarships

*American Family Insurance Community Involvement Scholarship**
*Ted and Grace Bachhuber Foundation Adult Education Scholarship**
*Business and Industry Dinner Scholarship**
*Dr. and Mrs. Henry T. Chang Scholarship**
*Verve, a Credit Union Scholarship**
*Marian University Faculty/Staff/Student Scholarship**
*Marian University Alumni Association Scholarship**
*Fond du Lac Area Foundation Scholarship**
*Fond du Lac Noon Kiwanis Robert Waffle Memorial Scholarship**
*Fond du Lac Rotary Scholarship**
Leonard Lewis Scholarship
*Joseph and Michael Mathweg Scholarship**
Marian Verette Pierce Scholarship
*Rath Foundation Distinguished Scholarship**
Dr. R.G. Raymond and Sarah Raymond Foundation Scholarship
*UPS Scholarship**
Patricia Wargula Memorial Scholarship
Wisconsin Academic Excellence Scholarship
Jeanne Zimmerman Scholarship

Student employment

Current campus job postings are available by clicking on the “student employment” link on MyMarian. Students should review the available positions and apply directly to the supervisor listed. Upon hiring, students are provided with information regarding completion of an online time sheet and other required documentation.

Federal Work-Study Program (FWS)

This employment is available to students who demonstrate financial need and are enrolled at least half-time. All positions on-campus or in a preselected community service position off-campus are coordinated through the Office of Financial Aid.

Marian Campus Work Program (MCW)

This employment is available to students that do not show need for federally funded work-study, but wish to work on

campus. Students must be enrolled at least half-time. All positions are on campus and are coordinated through the Office of Financial Aid.

Loans

Federal Perkins Loan

Perkins Loans are provided on the basis of students’ financial need and availability of funds. Traditional undergraduate students may borrow a maximum cumulative total of \$27,500, but no more than \$5,500 per year. The funds are awarded through the Office of Financial Aid. Repayment at a 5% interest rate begins 9 months after the student graduates or ceases to be enrolled at least half-time. No interest accrues while students continue to be enrolled at least half-time.

Federal Direct Subsidized Loan

This federally funded program is based on students’ financial need. Repayment begins six months after the student graduates or ceases to be enrolled at least half-time. The U.S. Department of Education pays the interest as long as the student is enrolled at least half time. Interest begins to accrue immediately once the student ceases to be enrolled half-time. Contact the loan servicer for additional information.

Federal Direct Unsubsidized Loan

This federally funded program is available to all students whose FAFSA is accepted by the U.S. Department of Education, regardless of financial need. Repayment begins six months after the student graduates or ceases to be enrolled at least half-time. Interest begins to accrue shortly after the funds are borrowed. The student has the option of paying the interest monthly, arranging quarterly payments with the lender, or making no interest payments. If no interest payments are made, the interest that accrues will be capitalized to the principal amount borrowed when the student graduates or ceases to be enrolled at least half-time. Contact the loan servicer for additional information.

Federal Direct PLUS Loan

(Parent Loan for Undergraduate Students)

The Direct PLUS Loan is available through the government to the parents of dependent students. Parents may be eligible to borrow up to the cost of education minus any other financial aid the student is receiving. Eligibility is not based on need. The government will determine credit worthiness prior to approving any loan funds. Interest begins to accrue shortly after the funds are borrowed. Payments begin 60 days after the last disbursement has been received. Parents can defer payment while the student is enrolled at least half-time, and for an additional six months after the student graduates or drops below half-time enrollment. Parents must request this deferment each year from the loan servicer. Contact the Office of Financial Aid regarding application procedures. If a dependent student’s parent is denied the PLUS loan due to credit history, the student may borrow additional Unsubsidized Direct Loan.

Further information

Due to the quantity and complexity of financial aid programs, only basic descriptions of the various sources of aid are provided here. No attempt is made to provide a comprehensive listing of all the considerations in assessing financial need and determining eligibility for funds. The awarding of financial aid to a given student depends upon the student's eligibility and the availability of funds. All guidelines for administering financial aid programs are subject to change at any time as the result of legislative action or administrative mandate from the federal and state agencies responsible for the direction of the programs. Full information may be obtained at www.marianuniversity.edu/financialaid.

Satisfactory academic progress

Students must maintain satisfactory academic progress in order to retain their financial aid. Students may obtain a copy of the policy that affects their financial aid from the Office of Financial Aid or online at [http://www.marianuniversity.edu/uploadedFiles/Admission/Undergraduate/Financial_Aid/SAP%20Policy%202011\(update\).pdf](http://www.marianuniversity.edu/uploadedFiles/Admission/Undergraduate/Financial_Aid/SAP%20Policy%202011(update).pdf). This policy differs from the academic retention standards.

Consumer information

Marian University is required to notify students on an annual basis about information important to their education at Marian, including financial aid. Consumer information regarding financial aid and the process, student rights and responsibilities, terms and conditions of aid offered, policy for returning aid for students who withdraw from classes, criteria for meeting satisfactory academic progress (the Financial Aid SAP process is different from the academic retention standards), information about University programs and staff/faculty, campus crime information, Privacy Act information, athletic information and more can be found online at www.marianuniversity.edu/consumerinfo.

TUITION

Traditional undergraduate tuition

All tuition and fees are set by the University's Board of Trustees on an annual basis. The Office of Business and Finance publishes an annual brochure detailing specific tuition and fee information, which can be obtained from the Office of Business and Finance or the Office of Undergraduate Admission.

Tuition for full-time students (carrying 12–18 credits) is a flat rate. Tuition for half-time students (carrying 1–11 credits) is set for each level of enrolled credits. There is an additional charge per credit for students carrying more than 18 credits. Based on the student's selected program, the following rates are charged:

F/T Undergraduate Tuition (12-18 credits):	\$27,860
H/T Undergraduate Tuition (1-6 credits):	\$450 per credit
H/T Undergraduate Tuition (6.5-11 credits):	\$620 per credit
Credits over 18:	\$450 per credit

There are three tuition payment options:

1. Pay the total semester amount by the first day of class and avoid all interest and payment plan charges.
2. Make ten monthly payments to Tuition Management Systems (TMS) from August through the following May. Determine monthly payments by multiplying the total semester amount by two for the full year's expenses, and divide by 10. To enroll with TMS, there is a \$65 fee, but no interest charges.
3. Pay 40% of the total semester amount by the first day of class, 30% by September 30 and the remaining 30% by October 30 for the fall semester. For the spring semester, the dates are February 28 and March 31. With this option, there is a \$25 payment plan charge per semester and a 1% monthly interest charge on the outstanding balance.

Contact the Office of Business and Finance with questions regarding payment plans.

Adult Studies undergraduate tuition

Payment is due in full by the first day of each course. Cash, check, Visa, MasterCard, and Discover are accepted payment methods.

Based on the student's selected program, the following rates are charged per credit:

Adult undergraduate programs: \$450

Financial holds

Students are required to pay their accounts in full before registering for the next semester courses. If payment is not received, then the account is placed on financial hold, which stops a student from registering for future courses, or receiving a transcript or diploma.

Course audit fees

Audited courses are assessed at 50% of the regular tuition rate. General fees and course fees are assessed at the regular rate.

1. Courses taken for audit do not count as credits for financial aid consideration or veteran benefit certification.
2. When a student takes a combination of courses for regular credit and for audit, the student is required to pay the regular tuition and fees for all credits based on the annual brochure published by the Office of Business and Finance.

Senior citizens fees

Senior citizens are charged \$25 to audit a class and \$35 per credit to receive credit for a class. Senior citizen fees are applicable to undergraduate courses for non-degree-seeking students who are 62 years of age and older.

Books and supplies

On average, Marian University students purchase \$700 in textbooks during the academic year. Some academic programs require additional textbooks, resource guides, and supplies that may increase this estimate. Students may purchase or rent textbooks from the Marian University Bookstore, located in the Hornung Student Center.

Housing charges

Room charges are established for the following categories of housing: double- or triple-occupancy residence hall, single- and double-occupancy townhouse, double-occupancy penthouse, double-occupancy efficiency suite, and single and double duplex housing. Single rooms are not guaranteed.

Meal plans

All residential students are required to participate in a meal plan. Exception may be made for health reasons. A letter from the student's physician is required to verify health reasons. Residents may choose from an unlimited or 75 block meal plan, and 180 block meal plan; additional Snack Points are also available for purchase.

FEES AND DEPOSITS

One-time charges

Application fee	\$ 25
New student fees	\$100
New student tuition deposit	\$100
Housing deposit	\$110
Graduation fee	\$100

Annual fees

The following fees are billed with tuition and vary from year to year:

General fee

This fee is set annually by the Board of Trustees and charged to students by semester. It covers use of campus facilities and

access to University events and services. Half-time students are charged on a pro-rata basis.

Technology fee

This fee is set annually by the Board of Trustees and charged to students by semester. It covers internet access and other technology enhancements. Half-time students are charged on a pro-rata basis.

Student Senate Activity fee

This fee is set by the Student Senate and charged to full time students each semester. It covers the cost of student organization programming and activities.

Student Senate Concert fee

This fee is set by the Student Senate and charged to full time students each semester. It covers the cost of an on-campus concert for full-time undergraduate students. Half-time students may purchase tickets if requested and available.

Course fees

Certain courses or programs require special materials, supplies, equipment, and/or facilities, the cost of which is passed on to students through course or program fees. Students enrolled in clinicals are assessed fees that cover the direct non-teaching costs incurred by the University.

Payment

All payments are processed through the Office of Business and Finance. Acceptable forms of payment include cash, check, Visa, MasterCard, or Discover. All credit card transactions will automatically be charged a processing fee of 2.75% for domestic and 4.25% for international payments. Questions regarding student accounts should be directed to the Office of Business and Finance.

University Refund Policy

Students are responsible for adding, dropping, and withdrawing from courses. This includes the completion and submission of Course Drop forms. The day on which the Office of the Registrar receives the Course Drop form is the official drop date. To avoid a failing grade, students must drop any courses not attended. Students who receive federal financial aid funding should check with the Office of Financial Aid when any changes are made in course registration for the semester. The following refunds and academic notations are applicable:

Drop before first class	100% refund
No notation on transcript	

All students withdrawing from the University or changing enrollment status are issued tuition refunds based on the following scale:

Length of class	Amount of refund	Academic notation
14 weeks or longer:		
1 st week	100%	No notation on transcript
2 nd , 3 rd , or 4 th week	75%	WD on transcript
5 th or 6 th week	50%	WD on transcript
After 6 th week	None	WD on transcript
After 10 th week	None	WF on transcript
7 to 13 weeks:		
1 st week	90%	WD on transcript
2 nd week	75%	WD on transcript
3 rd week	50%	WD on transcript
After 3 rd week or up to 69% of course completed	None	WD on transcript
70% or more of course completed	None	WF on transcript
1 to 6 weeks or more than 2 course meeting days:		
10% of course completed	90%	WD on transcript
11% to 25% of course completed	75%	WD on transcript
26% to 40% of course completed	50%	WD on transcript
41% to 69% of course completed	None	WD on transcript
70% or more of course completed	None	WF on transcript
2-day courses:		
1 st day	50%	WD on transcript
2 nd day	None	WF on transcript

Additional information

- For purposes of determining refund and academic action, the official date of course drop/withdrawal or University withdrawal is the day upon which properly completed course drop or withdrawal forms are received in the Office of the Registrar.
- The Office of Financial Aid has a separate Refund Policy for returning aid when a student withdraws from a course or the University.
- Students who are suspended or expelled for disciplinary reasons receive no refund on tuition.
- Fees for courses dropped after the add/drop period are not refunded. Drop forms must be filed in the Office of the Registrar in order to avoid receiving a failing grade for the course.
- Room charges are non-refundable.
- Board refunds are made, with appropriately approved exceptions, on a pro-rated basis.
- Through the appropriate action of its administration and Board of Trustees, the University reserves the right to make changes in the above as financial and operational considerations may require. Changes in tuition or fees after publication of this bulletin are printed separately and are made available to all current and prospective students.

ACADEMIC SUPPORT AND STUDENT SERVICES

Center For Academic Support and Excellence

Mobile Units East and West
920.923.8097

Academic advising

All undergraduate degree-seeking students are assigned a faculty/staff academic advisor to assist the student in planning their completion of an academic program. The academic advisor is from the student's selected major. Students who have not yet selected a major are advised by the academic advisor of the EXCEL and Undeclared programs in the Center for Academic Support and Excellence (CASE).

Students are expected to meet with their academic advisor periodically throughout each semester in selecting courses and making any major decisions regarding their academic program, academic requirements, goals, and/or career plans. It is the responsibility of all students to know and observe all the regulations and requirements that apply to their program(s). Academic advisors assist students with decision-making, but final responsibility rests with students. All academic advising related questions should be referred to the student's academic advisor or the Dean of Academic Advising and Academic Services.

Academic services

Available services include study groups directed by staff and student leaders, individual tutors, and assistance with study skills (i.e. time management, goal setting, preparing for and taking tests, using support systems within the University). Information and assistance is available in the CASE Office and the Learning and Writing Center. Other resources provided include study guides for the Praxis I and II exams and support for using test to voice technology (Kurzweil).

Academic testing

Academic Testing is responsible for the coordination and administration of academic tests (internal and external). The CASE Office serves as a national test center site for the following exams:

- Accuplacer Placement Assessments (math, reading, writing)
- ACT
- ACT residual testing
- Castle Worldwide
- College Level Examination Program (CLEP)
- Comira
- DSST
- ESCO Institute
- Foreign Language Placement testing
- International Fluid Power Society (IFPS)
- ISO
- Kryterion

- Miller's Analogy (MAT)
- Proctor service – external
- Smarter Proctoring
- Traditional student testing

Career services

Career guidance assistance is available for all students through the Career Services Office. Career and graduate school preparation resources available. Career assistance includes:

- Career Exploration and Interest Inventory Interpretation
- Career Fairs
- Dining Etiquette
- Dress for Success
- Internship and Job Shadow Assistance
- Interviewing Techniques
- Job Postings
- Multi-Faceted Job Search Techniques
- Mock Interviews
- Resume and Cover Letter Development

Disability services

Marian University Disability Services is dedicated to maintaining an inclusive and accessible educational environment, wherein individuals with disabilities are assured equal opportunity for full participation and the ability to benefit from its facilities, services, and programs. Marian University is committed to fulfilling the mandates set forth by Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act Amendments Act of 2008, both in letter and in spirit. No otherwise qualified individual with a disability shall be denied access or participation in any program, service, or activity offered by Marian University. For additional information on Marian University's Policy Applying to Nondiscrimination on the Basis of Disability or to access Disability Services, contact the Coordinator for Disability Services at the Center for Academic Support & Excellence, Mobile Unit West 920.923.8951.

Marian University and any of its agents shall not coerce, intimidate, retaliate against, or discriminate against any individual for exercising a right under Section 504, or for assisting or supporting another to exercise those rights. Individuals who have exercised or have assisted in exercising rights under Section 504 remain subject to the same policies and procedures as other individuals at Marian University. Each individual shall demonstrate cooperation with Marian University's policies and procedures in order to obtain reasonable academic accommodations.

The Coordinator for Disability Services assists students with disabilities as they transition to Marian University through to graduation by facilitating reasonable academic accommodations, and offering personal/academic support, and advocacy.

To access Disability Services, students meet with the Coordinator for Disability Services to disclose a disability, submit appropriate documentation (*see Marian University's Documentation Guidelines*) and discuss reasonable academic accommodations. The Coordinator for Disability Services determines eligibility for services, and reasonable academic accommodations on a case-by-case basis, based upon students' self-report, appropriate documentation and professional judgment. Requests for reasonable accommodations are reviewed on a semester-by-semester basis and granted as supported by the documentation and individual needs. It is strongly recommended that requests be made at least 4-6 weeks in advance of when they are needed in order to avoid delays that could potentially impact participation in a program, service, or activity. All information is regarded as confidential.

Reasonable academic accommodations include, but are not limited to:

Classroom modifications: preferential seating; priority registration; permission to record lectures; note-takers; assistive hearing devices; interpreters; and syllabi in advance.

Exam modifications: testing in quiet, distraction-reduced environment; extended time to complete exams; exam readers; scribes; word processor; calculator; and oral exams.

Learning modifications: text books in alternate formats; enlargement of syllabi, notes, exams, and academic documents; Kurzweil – learning software; and Dragon Naturally Speaking – speech recognition software.

Students with temporary impairments/injuries

Students with temporary impairments due to injury, surgery, or recovery from surgery, may request short-term accommodations from Lisa Olig, Coordinator for Disability Services and Academic Support at 920-923-8951.

Tutor program

Tutoring is available free of charge to any registered student during the fall and spring semesters through the CASE Office.

Undeclared program

The CASE Office assists students who may be uncertain about their choice of a career field and/or major. To help undeclared students make choices compatible with their interests, abilities, and goals, the CASE Office offers various career inventories and other opportunities for students to learn more about themselves and majors that may be of interest to them.

Learning and Writing Center

Staff provides academic assistance in math, nursing, science, reading, writing, and study skills. Assistance is available to students who speak English as their second language. The Learning and Writing Center is an optimal learning space that serves individual students and small groups.

Counseling Center

Confidential personal counseling is available to all students. Group counseling and self-help resources are also offered. Free confidential online screenings are available for depression, anxiety, alcohol, eating disorders, and other mental health concerns. If the counseling staff encounters issues outside their expertise, or if a student wishes to see another counselor, referrals are made to appropriate professionals in the community. For more information, or to schedule an appointment, please call 920.923.8799.

INTERNATIONAL STUDENTS

Office of International Education
920.923.7148

The Office of International Education is open to meet the needs of international students with individualized support and development. All international students are required to check in with the International Student Advisor upon arrival on campus. International students must update the International Student Advisor with change of address or status within 10 days.

Information is also available on the following topics:

- Banking
- Campus employment
- Driver's license
- Employment authorization (CPT and OPT)
- Health insurance
- Homesickness
- Housing
- Income tax
- Social Security card
- Travel
- Visa compliance

All international students under the age of 21 and having fewer than 64 University credits are required to live on campus. A completed health form, which includes TB skin test results, is required and must be on file by August 1 for the fall semester and January 1 for the spring semester. Additionally, all international students are required to carry health insurance and must supply proof of health insurance prior to registering for courses.

GENERAL ACADEMIC INFORMATION

This section of the Academic Bulletin contains program and degree requirements and general academic regulations. While the section provides an exact statement of policy in effect at the time of publication, the University reserves the right to modify descriptions, requirements, and regulations at any time.

Organizational structure

The University's instructional program is organized into four schools including: the School of Arts and Sciences; the School of Business; the School of Education; and the School of Nursing and Health Professions.

Academic year

The University conducts traditional academic programs in two semesters, the first from late August or early September to mid-December, and the second from mid-January to mid-May. Traditional undergraduate courses are also offered in varying week length summer sessions as well as in a three-week winter session.

Definitions

Degree

An award conferred by Marian University signifying that the recipient has satisfactorily completed a course of study. Total minimum number of semester credits hours required for a degree:

- Baccalaureate programs: 120
- Master Programs: 30
- Doctoral Programs: 60

Major

A major is a program of study offering both depth and breadth in a particular discipline or field of study. A major must comprise a minimum of 30 credits. The major must consist of at least 15 unique credits that are over and above the defined requirements of a student's additional major or minor. Students must complete at least 50% of major credits through Marian University. The major appears on the official transcript.

Minor

A minor is a program of study with less depth than a major. A minor has a minimum of 15 credits. The minor must consist of at least 9 unique credits of a student's minor that are over and above defined requirements of the student's major or any other minor. Students must complete at least 30% of minor credits through Marian University. No student may declare a major and a minor in the same discipline. The minor appears on the official transcript.

Certificate

A certificate is comprised of a set of professionally oriented courses in an applied area of focus but does not lead to a degree or qualify for state or federal financial aid. For

degree-seeking students, a certificate program must be embedded within a program of study; only degree seeking students qualify for state and federal financial aid. Graduate certificates represent completion of studies beyond the bachelor's degree. The certificate appears on the official transcript.

Licensure Program

A set or sequence of courses and experiences required for a student to be eligible to obtain a license issued by an agency, group or professional organization.

Track

A "track" is two (or more) independent paths of study within a single program. Tracks have a common core with a different set of courses to satisfy their graduation requirements. The track appears on the official transcript.

Degrees awarded by Marian University

- Bachelor of Arts (BA)
- Bachelor of Business Administration (BBA)
- Bachelor of Criminal Justice (BCJ)
- Bachelor of Interdisciplinary Studies (BIS)
- Bachelor of Organizational Communication (BOC)
- Bachelor of Science (BS)
- Bachelor of Science in Education (BSED)
- Bachelor of Science in Nursing (BSN)
- Bachelor of Science in Radiologic Technology (BSRT)
- Bachelor of Social Work (BSW)

Bachelor of Arts requirement

The Bachelor of Arts (BA) degree, as distinguished from the Bachelor of Science (BS) degree, requires proficiency in a foreign language at the intermediate level, as demonstrated by successful completion of foreign language courses at the 101, 102, 201, and 202 levels, or equivalent.

MAJORS AND MINORS

Traditional Undergraduate Programs

	DEGREE	MAJOR	MINOR
Accounting	BBA	X	X
Art History			X
Athletic Coaching			X
Biology	BS	X	X
Biology Education			X
Biology–Cytotechnology	BS	X	
Broad Field Social Studies	BS	X	X
Business Administration	BBA	X	X
General Business Track			
Human Resources Track			
Organizational Supervision Track			
Chemistry	BS	X	X
Chemistry Education			X
Communication	BA		X
*Organizational Communication		X	
*Public Relations and Strategic Communication		X	
Community Health and Human Services	BS	X	
Criminal Justice	BS	X	X
Cultural, Media, and Gender Studies			X
Diagnostic Medical Sonography	BS	X	
Early Childhood/Elementary Ed.	BSED	X	
Elementary–Middle Education	BSED	X	
English	BA	X	
English Education	BS	X	
Environmental Science			X
Exercise and Sport Science	BS	X	
Expressive and Therapeutic Arts	BA	X	X
Finance	BBA	X	X
Forensic Science	BS	X	
Graphic Arts	BA	X	X
Health Care Administration	BBA	X	
History	BS	X	X
Homeland Security	BS	X	X
Information Technology			X
Language Arts			X
Leadership			X
Management	BBA	X	X
Management Information Systems	BBA	X	
Marketing	BBA	X	X
Mathematics	BS	X	X
Mathematics Education			X
Middle–Secondary Education (2 nd Major)		X	
Music	BA	X	X
Natural Science			X
Nursing	BSN	X	
Philosophy			X
Pre-Law			X
Psychology	BS	X	X
Public Relations			X
Radiologic Technology	BSRT	X	
Religious Education			X
Self-Designed Major	BS	X	
Social Work	BSW	X	

	DEGREE	MAJOR	MINOR
Spanish			X
Health Care Track			
Business Track			
Law Enforcement Track			
Spanish Education			X
Special Education	BSED	X	
Sport and Recreation Management	BBA	X	X
Theology			X
Writing	BA	X	X

* denotes special emphasis or concentration within the major/minor

Adult Undergraduate Programs

	DEGREE	MAJOR	MINOR
Business Administration	BBA	X	X
Communication			X
Community Health and Human Services	BS	X	
Criminal Justice	BCJ	X	
Diagnostic Medical Sonography	BS	X	
General Management	BBA	X	
Finance	BBA	X	X
Health Care Administration	BBA	X	
History			X
Homeland Security	BS	X	
Human Resource Management	BBA	X	
Information Technology			X
Interdisciplinary Studies	BIS	X	
Leadership			X
Management			X
Marketing	BBA	X	X
Nursing*	BSN	X	
Operations and Supply Chain Mgmt.	BBA	X	
Organizational Communication	BOC	X	
Radiologic Technology	BSRT	X	

* Includes RN to MSN

Undergraduate Certificate Programs

Health Care Administration
Homeland Security Leadership
Leadership
Palliative Care

*Certificate Programs do not qualify for Federal Financial Aid.

Pre-Professional programs

Marian University offers preparation for undergraduate and graduate professional programs in cytotechnology, dentistry, law, medicine, occupational therapy, optometry, pharmacy, physical therapy, physician assistant, and veterinary medicine at other colleges and universities. Marian encourages students to design their undergraduate programs to meet the specific requirements of the graduate or undergraduate school they wish to enter. Pre-professional programs provide

the student with a foundation of knowledge and skills for transfer to undergraduate professional schools or admission to graduate schools or internships. For more information on pre-professional programs, refer to the specific school sections in this bulletin.

Self-designed major

The self-designed major offers an opportunity for students who wish to pursue a course of study not accommodated by traditional majors at Marian University. Students may apply for a self-designed major in order to qualify for graduate school admission in a particular field, to prepare for employment for a particular job, or for self-fulfillment. By working with a faculty advisor and a self-designed major committee, students may formulate their own program of study in a way unique to the student's learning goals and within specific guidelines, no later than the end of the first semester of the junior year.

The self-designed major allows students to pursue a quality program leading to a viable Bachelor of Arts (BA) or Bachelor of Science (BS) degree and is available to all traditional undergraduate students. Students interested in the self-designed major should contact the appropriate school dean for additional information.

Double majors

An undergraduate student may pursue two majors, with a primary major leading to the desired degree. All students receive only one degree. Double majors may require scheduling that extends programs beyond the traditional four years.

ADDITIONAL ACADEMIC OPPORTUNITIES

EXCEL program

The EXCEL Program is a one-year program for select students that is designed to provide those entering their first year of college with support and encouragement in their transition to the college experience. The EXCEL Program sets clear expectations for academic performance, provides opportunities for greater individualized learning, and promotes the utilization of important campus resources and services so that students may gain the skills and strategies necessary to achieve both academic and personal success.

Honor societies

Marian University offers to those students who meet the criteria for membership the opportunity to participate in the following honor societies:

- Delta Delta Epsilon: international forensic science honor society, Iota chapter
- Delta Epsilon Sigma: national scholastic honor society, Delta Tau chapter
- Kappa Delta Pi: international honor society in education, Alpha Delta Theta chapter
- Lambda Pi Eta: national communication honor society, Mu Mu chapter

- Phi Alpha: national social work honor society, Delta Phi chapter
- Sigma Beta Delta: international honor society for business management and administration, Marian University chapter
- Sigma Tau Delta: international English honor society, Kappa Tau chapter
- Sigma Theta Tau: international honor society for nursing, Phi Zeta chapter (#484)
- Theta Alpha Kappa: national honor society for religious studies and theology, Alpha Kappa Theta chapter

These societies strive to advance scholarship, ethics, service, and professionalism. National recognition is accorded through the University chapter to traditional and non-traditional undergraduate students, graduate students, alumni, faculty, and staff.

Honors program

The Honors Program provides students who have excellent academic qualifications with an opportunity to participate in a challenging, innovative program of interdisciplinary study. Honors students complete a substantial senior capstone project within their major program of study in cooperation with a faculty member. A third component of the program is a series of co-curricular events, including performances, lectures, trips to museums and other places of interest; and activities designed to broaden the overall experience of students enrolled in the program. Each student in the Honors Program is expected to attend at least three co-curricular events each semester.

Approximately 20 students are admitted to the program each year through a competitive application process. Typically, these students have a cumulative ACT score of 25 or higher, a high school GPA of at least 3.50, and a positive recommendation. A limited number of students may join the program as sophomores or transfer students.

Internships

An internship is a form of experiential learning that integrates knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Students may earn academic credit for internship experience with appropriate approval. Internships give student the opportunity to gain valuable applied experience and make connections in professional fields they are considering for career paths; and give employers the opportunity to guide and evaluate talent. Career professionals and academic advisors work together with students to prepare and to secure internship sites.

Student Support Services

Student Support Services (SSS), funded by the U.S. Department of Education, helps students develop the skills and motivation necessary to successfully pursue and earn a bachelor's degree.

SSS increases the college retention and graduation rates of its participants by providing the following services:

- Career and academic guidance
- Campus connections
- Cultural events
- Educational workshops
- Individualized guidance
- SSS grant aid
- Tutoring

Students selected to participate in SSS have an academic need and:

- Are first-generation college students (neither parent completed a bachelor's degree);
- Have a documented physical, psychological, or learning disability (that may affect their role as a student); or
- Have families earning a limited income (determined by taxable income level and family size).

Applications are available in the Office of Student Support Services.

Study abroad program

Marian University allows students to earn credits through a variety of study abroad options, including semester-long programs, short-term programs at various language institutes around the world, and faculty-led study tours abroad. Study abroad opportunities allow students to continue with studies for their degree at Marian University while changing their location and enjoying the richness of cultural diversity.

Students considering a study abroad experience are encouraged to begin scheduling the time for their experience into their four-year plan as early as possible. The following application deadlines for studying abroad are October 1 for spring programs and March 1 for summer and fall programs. Costs for study abroad can be very comparable to those at Marian, and many study abroad programs offer grants to help lower costs. Students should inquire about the availability of financial aid at the Office of Financial Aid.

Students pursuing a minor in Spanish or Spanish education are required to study abroad, and should consult with their academic advisor to learn of the specific requirements of their academic program. Other language minors and students wishing to improve their language proficiency are encouraged to take advantage of these programs.

Upward Bound Math and Science (UBMS) program

The Upward Bound Math and Science (UBMS) program, funded by the U.S. Department of Education, is a college readiness program that prepares eligible students for success in higher education. Marian's UBMS program serves 60 students attending Fond du Lac High School and Horace Mann High School in North Fond du Lac.

The UBMS program helps participating students recognize and develop their potential to excel in the areas of mathematics, science, and technology. Ultimately, they are prepared and encouraged to pursue college degrees requiring strong foundations in these subjects.

During the academic year and summer sessions, students receive a wide range of services in the following areas:

1. Academic support
2. Career Exploration
3. College admission training
4. Financial planning for college
5. Personal development

ACADEMIC POLICIES AND PROCEDURES

It is the responsibility of students to familiarize themselves with the academic policies of the University and requirements of their major. Students should seek assistance from their academic advisor during their course of study; however, students are ultimately responsible to monitor their course of study and to fulfill all degree requirements.

STUDENT ACADEMIC INFORMATION POLICY

Students enrolled at other colleges

Students who are regularly enrolled at other colleges and universities should seek permission from their institutions before enrolling in courses at Marian. Students are responsible for determining that Marian courses will transfer to their home institutions.

ALTERNATIVE COURSE OPTIONS

Mutually directed study

Mutually Directed Study courses provide an opportunity for students enrolled in accelerated programs to take courses that are currently listed in the Marian University Undergraduate Academic Bulletin, but are offered at times and/or locations that are inconvenient for adult undergraduate students. Students seeking credit via this option are limited to a total of 15 credits counted toward graduation and to 6 credits within a school. Students requiring this option should contact their academic advisor.

Independent study

Independent study indicates that a student's pursuit of learning in a course can occur outside the usual classroom setting. Independent study courses may be taken as a related course to an existing one or as an advanced course. It is not a parallel private course to a simultaneous group offering. To be considered for an independent study, students must:

1. Be of at least sophomore standing.
2. Have a minimum GPA of 3.00.
3. Be registered for no more than one independent study per semester.

No more than four independent study courses will be counted toward graduation requirements.

Independent study forms can be obtained from the Office of the Registrar or online at www.marianuniversity.edu/registrar.

Credit by examination or prior learning

Students can demonstrate acquired college-level learning and be awarded college credit for learning outside of Marian University through the following means. These credits will be applied toward the Marian University degree as long as other credit requirements in the particular degree program are met.

AP (Advanced Placement) — These examinations are taken by high school students and demonstrate that college-level knowledge has been gained in a particular academic area. Marian University accepts Advanced Placement examinations for credit if a minimum test score is achieved. Students may contact the Office of the Registrar for further information.

CLEP (College Level Examination Program) and DSST — These examinations can be taken according to the current criteria and policies of Marian University. Students are responsible for requesting Marian University policy information and institutional recognition for CLEP and DSST, available from the CASE Office. Marian University accepts a maximum of 30 credits of CLEP and DSST credit toward an undergraduate degree.

Other courses, workshops, and training programs — Courses, workshops, and training programs offered by business, government, military, and other non-collegiate agencies accredited by the American Council on Education (ACE) may be evaluated for college credit.

Experiential Learning Assessment: Credit for Prior Learning (CPL)

Marian University recognizes that learning may take place outside a classroom setting and will grant up to 30 undergraduate credits for prior learning based on individual evaluation in accordance with the following policy:

- The student, with the aid of his/her academic advisor, must provide evidence of learning. The documentation or evidence required is determined by the nature of the learning in accordance with recommendations of the Council for Adult and Experiential Learning (CAEL).
- Learning, to be creditable, must be comparable to learning that occurs in a course or courses in the Marian University curriculum. Other courses may be acceptable based on their relationship to the student's educational goals and college-level learning.
- If credit by examination is available, the student is encouraged to take the examination.
- Fees for evaluation of creditable prior learning are a one-time CPL Application Fee, a one-time Portfolio Assessment fee, and a fee for each credit granted.
- Marian University faculty members with expertise in the course's academic area evaluate CPL portfolios.

Students interested in Credit for Prior Learning should contact the Office of Institutional Effectiveness.

Foreign language retroactive credit policy

Students may earn up to a maximum of 12 retroactive credits for prior academic work completed in a foreign language. To earn these credits students must complete a course determined by the placement test or other indicators. The course must be successfully completed in the first semester of language study at Marian University with an earned grade of B– or higher.

Course numbering system

001–009	Remedial coursework; does not fulfill degree requirements
010–299	Undergraduate lower level courses; recommended for freshmen and sophomores
300–499	Undergraduate upper level courses; recommended for juniors and seniors
500–999	Graduate courses

Remedial coursework (001–009)

Remedial courses do not count toward the total minimum 120 credit hours required to graduate. Although grades for these courses will appear on the transcript, they will not be calculated in the semester or in the cumulative GPA.

Remedial courses include:

CHE 001	Preparatory Chemistry, 3 credits
ENG 001	Basic Writing, 3 credits
MAT 001	Basic Algebra, 3 credits
MAT 002	Essential College Mathematics, 3 credits

Course cancellations and changes

Marian University reserves the right to cancel any course, change instructors, or alter meeting times as the University deems necessary. Reasonable attempts will be made to provide proper notification prior to the scheduled start date of the class so that affected students may register for an alternate course if they so choose.

The University reserves the right to change a sequence of courses for an individual or group of students. This would require the approval of the Vice President for Academic Affairs and the Dean of the School in which a student is matriculating.

Cancellation of summer courses

Marian University reserves the right to cancel any course, change instructors, or alter meeting times as the University deems necessary. Reasonable attempts will be made to provide proper notification prior to the scheduled start date of the course so that affected students may register for an alternate course. It is the responsibility of each student to communicate with his/her academic advisor regarding availability of required and elective courses.

Final exams (traditional programs)

Final exam week is part of the regular academic semester, and all classes are required to meet as shown in the final examination schedule. Each course offered for credit is concluded with a final examination unless the instructor deems that some other method of evaluation is more appropriate to the objectives of the course. Any student with more than three exams on one day may consult his or her instructors for consideration for special arrangements. Instructors may allow individual students with unusual circumstances, such as serious illness, death in the family, or postseason athletic events, to take an examination at another time, but may not otherwise change the time of the examination except with the permission of the appropriate School Dean.

ACADEMIC LOAD POLICY

Academic load

Marian University expects students to progress through their program of study at a pace in which students can be successful. Marian University encourages continuous, full-time enrollment to ensure timely graduation. Students may register for up to 18 credits per semester without special permission and at no extra charge. Students must obtain the approval of their academic advisor and the School Dean of their program in order to exceed the maximum student credit load.

Credit hours

Academic load and progress toward the degree are measured by credit hours.

The following maximum credit loads have been established for undergraduate students:

3 week session	3 credits
4 week session	6 credits
7–8 week session	9 credits
10–12 week session	12 credits
13–15 week session	18 credits

Overload permission

Undergraduate students with a cumulative GPA of 3.00 or higher may file an Overload Permission Request to exceed the maximum credit load limits. A student may take no more than 4 credits in a 3-week term and no more than 21 credits in a semester (13–15 week term). The school dean, department chair, or program director of the student's major program approves or denies overload requests. Students must pay for credits taken above the maximum student credit load.

Summer registration and maximum credit load

1. A maximum of 18 undergraduate credits may be taken during summer, as follows: 3 credits maximum in each of the three-week sessions, and 6 credits maximum in each of the four-week sessions. Exceptions when courses span more than one session must be approved by the appropriate School Dean.

2. Students are encouraged to register for courses at least three weeks prior to the course start date.

Class standing

Undergraduate class standing is determined by the number of credits earned:

- Freshman: 0–29 credits
- Sophomore: 30–59 credits
- Junior: 60–89 credits
- Senior: 90+ credits

** All enrolled students not working toward a degree at Marian University are classified as special students.*

Full- and half-time student status

Determination of full-time or half-time student status is based on the credit load per semester.

	Full-time	$\frac{3}{4}$ time	$\frac{1}{2}$ time
Undergraduate	12+	9-11	6-8
Graduate	9+	6-8	3-5
Doctoral	6+	n/a	3-5

REGISTRATION POLICY

Registering for courses

The student bears primary responsibility for registering for courses to meet all degree requirements. While some courses are offered every semester, others are cycled every year or in odd or even years, or at the discretion of the University. The University cannot guarantee that every student in a traditional program will graduate in four years; however, through academic advising, it makes every effort to help the student complete requirements without unnecessary delays. Students must receive approval from their academic advisor upon review of their course schedule before they are permitted to register via SabreNet.

Waitlist procedure

Students wishing to register for a closed course must place themselves on the waitlist via SabreNet. When a seat in a waitlisted course becomes available, an automatic process determines the next student to be offered a seat, and notifies that student via email. If the student does not respond within 48 hours, the student is alerted that they have missed the opportunity to register and is returned to a status of "wait." Upon the third notification attempt and passing of the 48-hour registration period, the student is dropped from the course. This automated process is repeated until either the course is closed again or no waitlisted students remain.

Waiving course prerequisites

The deans, department chairs, program directors, and instructors have the authority to waive course prerequisites.

In order to do so, a written request or approval must be submitted to the Office of the Registrar.

Graduate course approval (for undergraduate students)

Undergraduate students with advanced standing may, with special permission, be allowed to take courses at the graduate level. In order to take graduate courses, undergraduate students must:

- Hold at least junior status (60 or more credits).
- Have earned a minimum cumulative 3.0 GPA.
- Have no “incomplete” grades on their transcript.
- Fulfill the prerequisite(s) of the course.
- Apply via the Office of Adult and Graduate Admission for permission to take graduate courses.
- Receive approval of the student’s academic advisor and the School Dean of graduate courses.
- Individual programs may impose additional requirements or bar undergraduate students from enrolling in graduate courses.
- Undergraduate students are limited to graduate courses numbered at the 500 level.
- Students may take no more than six graduate credits during the semester and three graduate credits in the summer. Students taking graduate courses are limited to the maximum credit loads established for undergraduate students. Exceptions to the credit limit may apply to undergraduate students in specially-designed programs leading to a master’s degree.
- A maximum of nine graduate credits may be applied to an undergraduate degree. Graduate credits earned do not count toward a graduate degree if used to fulfill requirements of an undergraduate degree program.
- Although an undergraduate student may take a graduate level course, the student is not guaranteed acceptance into the graduate program after completion of the baccalaureate degree.

Full-time, undergraduate students will be charged the undergraduate tuition rate when taking graduate courses during the fall and spring semesters. Undergraduate students taking graduate courses on a half-time basis or in the summer will be charged the graduate rate.

Adult studies course approval (for traditional program students)

Students in the traditional undergraduate program may be allowed to enroll in an Adult Studies accelerated course under the following guidelines:

1. Students must have a minimum cumulative GPA of 3.00 and senior standing.
2. Students must have approval of their academic advisor and the School Dean of the student’s major program.
3. Students are limited to one accelerated course per traditional semester.
4. The course should not be available in the traditional undergraduate schedule during that semester and is needed to meet graduation requirements.

5. The registration form must be turned in to the Office of the Registrar no later than one week prior to the start date of the course. Once an Adult Studies course begins, no late admittance will be permitted.
6. The student is responsible for ordering text books, accessing online course modules, completing all pre-class assignments due the first night of class, and following all University policies.

Failure to officially register

A student who attends a course for which he or she has not officially registered and for which he or she has not paid is not allowed to receive a grade or credit for the course.

Summer and winterim sessions for traditional programs

The summer sessions include two three-week and two four-week sessions, mid-May to mid-August; Winterim session is held over three weeks in early January. Course offerings are available online at: <https://selfservice.marianuniversity.edu/SelfService/Search/SectionSearch.aspx>.

Summer admission requirements for undergraduate students

1. Students attending Marian University for the first time who intend to pursue a degree or certification program must formally apply for admission through the Office of Undergraduate Admission. Call 920.923.7650 for more information. A \$20 application fee is required.
2. Students taking only summer courses and transferring credits to another institution, or taking course work for personal enrichment, need not formally apply through the Office of Undergraduate Admission.

Procedures for dropping a summer course

Students wishing to drop a course in which they are enrolled must either drop the course in their SabreNet account or complete a Course Drop form and submit it to the Office of the Registrar. Determination of financial obligation and amount of refund, if any, is based on the date the student drops the course or the Office of the Registrar receives the Course Drop form. Forms can be obtained from the Office of the Registrar or online at www.marianuniversity.edu/registrar.

VALIDATION OF ENROLLMENT POLICY

Enrollment for all University courses will be validated by the student’s attendance in class. For courses meeting for 14 weeks or more, the instructor may request an administrative drop or the Registrar may administratively drop a student from the course if the student has not attended any class meetings during the published add/drop period. Students administratively dropped from a course during the add/drop period for sessions meeting 14 week or more will not be assessed a tuition penalty and the course will not be recorded on their transcript.

For courses meeting less than 14 weeks, the instructor may request an administrative drop for a student who has not attended the first session of a course that meets once each week, or the student has attended neither of the first two sessions of a course that meets more frequently than once a week, and has not notified the instructor. Students who are administratively dropped by the instructor from a course that meets less than 14 weeks will be assessed a 10% tuition penalty and have a WD grade recorded on their transcript.

This policy does not negate the student's responsibility to manage their course schedule and complete the necessary process for dropping a course if they do not plan to take the course.

GRADING POLICY

Grades and Academic Standards

The University uses the following grading and grade point system:

A	Excellent	4.00
A-		3.75
B+		3.25
B	Good	3.00
B-		2.75
C+		2.25
C	Satisfactory	2.00
C-		1.75
D+		1.25
D		1.00
D-		.75
F	Failure	0
FN	Failure (non-attendance)	0
AU	Audit	0
CR	Credit	0
I	Incomplete	0
IP	In Progress	0
NC	No Credit	0
PI	Permanent Incomplete	0
S	Satisfactory	0
U	Unsatisfactory	0
WD	Withdrew	0
WF	Withdrew — Failing	0

Audit (AU) — Students may elect to audit a maximum of one undergraduate course per semester on a space-available basis. See the Tuition and Fees section for rates of audited courses. Although audited courses do not earn credits or quality points, any audits that cause the total semester course load to exceed 18 credits require permission of the appropriate School Dean. No audit courses can be added, or courses changed to/from audit status, after the last day to add courses each semester. Conditions for earning audit (AU) designation on the transcript are determined by the individual instructor. If the student fails to meet the requirements, the designation NC (no credit) will be applied to the transcript.

Courses taken for audit do not count as credits for financial aid consideration or veteran benefit certification. When a student takes a combination of courses for regular credit and for audit, the student is required to pay the regular tuition and fees for all credits based on the annual brochure published by the Office of Business and Finance.

Credit/No Credit (CR/NC) — Selected variable credit courses can be taken for no credit. The CR designation indicates satisfactory completion of work in the course. The NC designation indicates unsatisfactory performance of course expectations.

Failure Non-Attendance/Unofficial Withdrawal (FN) — The FN grade is awarded to students who fail to attend or stop attending (unofficial withdrawal) a course. If a grade of FN is assigned, the instructor must also enter the "Last Date Attended" in the Overall Attendance view in SabreNet. This grade is calculated as an "F" in determining grade point average.

Satisfactory/Unsatisfactory (S/U) — Certain courses, as indicated below, may be taken on a satisfactory/unsatisfactory (S/U) basis. Satisfactory is defined as work equivalent to a letter grade of C- or above. Credits earned on an S/U basis count toward the total required for graduation, but are not included in the computation of the grade point average. Students who take 12 credits that earn the traditional GPA grade of A, B, C, or D will qualify for the Dean's List in that semester. In addition:

- Only elective courses may be taken. Courses required for fulfillment of the General Education Liberal Arts Core Curriculum, a major program, or minor program may not be taken on an S/U basis. Approval of the student's academic advisor is required. (Exception: clinicals in the School of Education and thesis or dissertation.)
- Sophomores, juniors, and seniors with a minimum cumulative GPA of 2.50 may take a maximum of one S/U course per semester, with a maximum of 12 credits applicable to graduation requirements.
- Students must inform the Office of the Registrar prior to the end of the first week of instruction if a course is to be changed to or from the S/U basis. Instructors are not informed of students who choose the S/U option.

Incomplete (I) — An incomplete (I) grade may be reported for a student who has carried a subject with a passing grade until the end of the semester and then, because of illness or other unusual or extraordinary reasons beyond his/her control, has been unable to take or complete the final examination or to complete some limited amount of term work. An incomplete grade may not be given to permit a student to correct work already completed or to improve upon a grade.

An Incomplete grade may be given to a student who is absent from a final examination **IF** the instructor is satisfied that the

absence resulted from illness or extraordinary cause beyond the student's control. In default of such proof, the examination grade shall be an F. The student must obtain permission from the instructor for an incomplete grade prior to the end of the course. The "I" must be removed by the deadline date within twelve (12) calendar weeks after the close of the semester in which the "I" was issued (i.e., 12 weeks after final grades were due in the Office of the Registrar for the Fall, Spring, or Summer semester); if the course work is not completed within this time period, the grade is automatically changed to "F." Exceptions to this policy require approval of the appropriate School Dean. Once an incomplete grade has lapsed to an F grade, it may not be changed back to an incomplete grade.

The incomplete grade carries 0 quality points and is not computed in the GPA. Undergraduate students who have received an incomplete do not qualify for the Dean's List.

Incomplete due to Military Leave: The above Incomplete Grade policy applies to students requesting an Incomplete grade due to Military Leave; however, the Incomplete grade (I) will be maintained for a maximum of one year, which can be extended upon written request to the Registrar. Once reenrolled, the student returning from active duty must resolve any incomplete grades within the first 12 weeks of reenrollment.

Applicants for Graduation: All incomplete grades must be completed and grades that apply toward the degree must be received in the Office of the Registrar by the end of a student's last semester of attendance within the published degree completion deadlines of January 15 for December graduation, June 15 for May graduation, and August 31 for August graduation.

In Progress (IP) — If a course has been designed to extend beyond the end of the semester so the grades cannot be submitted by the published deadline, an In Progress (IP) grade may be used. It is also used for thesis and field study courses, such as internships, co-operative experiences, practicum, clinicals, student teaching, portfolio, action research, and independent research projects when, through no negligence by the student, the faculty member determines that an extension of time is warranted. Use of this grade must be confirmed with the Registrar before issuance to be certain it is more appropriate than the incomplete (I) grade.

The IP grade carries 0 quality points and is not computed in the GPA.

The IP grade must be completed by the end of the next semester; however, all IP grades must be completed and grades that apply toward the degree must be received in the Office of the Registrar after the end of a student's last semester of attendance within the published degree completion deadline.

If a grade is not received by the deadline, the IP grade will be changed automatically to an F, with both the semester and the cumulative GPAs adjusted accordingly. An F may not be changed back to an IP grade.

Permanent Incomplete (PI) — A Permanent Incomplete (PI) may be assigned for a graduate student in cases resulting from extraordinary circumstances such as a debilitating illness or other unusual or extraordinary reasons beyond the control of the student which prevents the completion of course work. In such cases, the instructor completes a Grade Change form, which requires the approval of the School Dean or department chair, to grant a grade of PI. The PI grade subsequently cannot be changed to a regular letter grade. Students who have received a PI grade and want credit for that course must register again and complete the designated requirements. Students may graduate with a PI provided all degree requirements have been met. A PI grade is not computed into the student's GPA.

Withdrawn (WD) — A WD grade may be assigned for a student who has withdrawn during the designated withdrawal period. Courses with a grade of WD are included in attempted credits, but not in earned or total credits. A WD grade is not computed into the student's GPA, as the credits attempted were not successfully completed.

Withdrawn - Failing (WF) — A WF grade may be assigned for a student who has withdrawn after the designated withdrawal period. Courses with a grade of WF are calculated as an F in determining the student's GPA.

Unreported Grades (NG) — The grade of NG, indicating that no grade was reported, is recorded by the Office of the Registrar when an instructor has not submitted a grade for a student by the University grade deadline. The instructor must complete a Grade Change form and submit it to the Office of the Registrar to change the NG grade to a letter grade. The instructor's and School Dean's signatures are required on the Grade Change form.

Grade Point Average (GPA)

The grade point average is obtained by dividing the total number of quality points by the total number of credits. Courses in which failing grades are received must be included in the computation of the GPA, unless the student repeats the course and earns a passing grade. Courses taken on an S/U basis are not included in the computation of the grade point average. GPAs are not rounded up. Courses offered at the pre-college level (001–009) are not calculated in the GPA. Transfer and audit grades are not included in the Marian University GPA. A cumulative average of 2.00 is required for graduation.

Repeated courses

Courses may be repeated in a subsequent semester in an effort to raise the GPA; however, only the credits and grades earned

in the last attempt are calculated in the GPA and stand as the official grade for the course. The original grade will remain on the transcript. The repeat course is indicated by brackets [] around the grade used for the GPA calculation. The University does not guarantee students the right to retake any course. Courses may be deactivated, discontinued, or offered on a different schedule at the discretion of the University.

If a student in an adult undergraduate or graduate program repeats a course in the same semester, the semester GPA reflects both grades; however, the overall cumulative GPA reflects only the repeated grade. Courses repeated at other institutions have no effect on the GPA at Marian University and cannot be used to replace a grade received in a Marian University course.

Midterm grade policy for traditional undergraduate courses

The purpose of midterm grades is to provide students with an estimate of academic performance at the midpoint of a semester. Midterm grades are advisory in nature and not recorded on student transcripts. Students whose midterm grades show their academic work is not satisfactory should seek help from their instructors, academic advisors, and others so that they may improve their work in order to achieve a satisfactory level before the end of the term. Earning a grade is a process that is often based on several different types of activities. Students are encouraged to use the information provided in the course syllabus and the scores provided on returned assignments to develop their own grade estimates throughout the semester.

Procedures:

1. Instructors shall report midterm grades for each student in each course.
2. Midterm grades shall be posted between one week before mid-term until the Wednesday after the mid-term of the session in which the course is offered.
3. Instructors are encouraged to use the Marian University grading scale for midterm grades.

Traditional undergraduate students are advised that:

- Although midterm grades provide a useful estimate, they are not predictors of final grades.
- In many courses, due to the nature of the material, the level of the course, and overall student performance, a midterm grade may be based on far less than half of the required work for the semester.
- A disparity between midterm grades and final grades may not be the grounds for a grade appeal.
- Midterm grades are not provided for courses that meet fewer than 15 weeks.
- Although midterm grades may be helpful to students, the most effective way for students to know their standing in a course is to meet or discuss their progress with the instructor.

Grade requirements of department or professional programs

Each department or professional program may establish its own GPA requirements for admission, retention, graduation, or licensure. See specific academic program sections for requirements.

Grade change

If an instructor finds an error in a student's final grade, the instructor may file a Grade Change form in the Office of the Registrar. Changes of grades cannot be made on the basis of further work completed after the end of the course. Once terminal grades are recorded, they are considered final and cannot be changed to an Incomplete or In Progress. If an Incomplete or In Progress has lapsed to an F, it cannot be changed back to an Incomplete or In Progress grade.

Students should consult with the instructor if they believe that an incorrect grade has been assigned. If no resolution occurs, the student may choose to appeal the decision, following the Grade Appeal Process. Students should contact the School Dean of the instructor's academic school for the timelines, the complete policy, and detailed procedures for appealing a grade.

ACADEMIC ACTION POLICY

Academic Retention Standards

Students are expected to maintain satisfactory progress toward the completion of degree requirements. Any student not on probation is considered to be in good academic standing.

Satisfactory progress

Students permitted to continue at Marian University are considered to be making progress and are eligible for financial aid, provided they meet the criteria in the Satisfactory Progress policy available from the Office of Financial Aid. Students are expected to maintain satisfactory progress toward the completion of degree requirements. For purposes of financial aid eligibility, students should consult with the Office of Financial Aid for detailed regulations and procedures.

Academic notice

Undergraduate students who do not meet the minimum standards for satisfactory progress may be sent an Academic Notice. No institutional restrictions are attached to Academic Notices, but students should consult their academic advisors for requirements in their particular major program.

An Academic Notice is sent to:

1. All undergraduate students whose cumulative GPA is below 2.00, but above the minimum required for the specific semester of attendance as stated in the Probation policy; and
2. All continuing undergraduate students whose semester GPA is below 2.00, but cumulative GPA remains above 2.00.

Probation

Undergraduate students with a cumulative GPA below the minimum required for any semester of attendance are placed on probation. Minimum retention standards for undergraduate students are as follows:

Semester of attendance at Marian	GPA
First	1.50
Second	1.75
Third	1.90
Fourth through graduation	2.00

Undergraduate students placed on academic probation must have the written permission of the appropriate Registrar to carry more than 12 to 13 credits. They are ineligible to participate in intercollegiate sports.

Higher GPAs may be required for admission to, continuation in, or progression in some programs of study. See the appropriate program description in the Academic Programs section.

Academic dismissal

Students who incur probation in two consecutive semesters may be dismissed from Marian University. Dismissed students may apply for readmission to the University after one full semester of non-attendance. Students must attend another accredited college or university and complete at least 12 credits and earn a GPA of 2.0 to support their readmission.

Dean's list

The Dean's List includes names of all full-time undergraduate students who have earned a minimum semester GPA of 3.50 in at least 12 credits that count toward the computation of the overall GPA. The Dean's List is published once per semester. At the time the Dean's List is generated, students with an IP grade are not listed; however, once the IP has been completed, students may qualify and a notation will appear on the transcript. Students who have received an incomplete (I) grade do not qualify for the Dean's List.

ACADEMIC RECORD AND TRANSCRIPT POLICY

Academic Record Information

The Office of the Registrar maintains the official academic records of all students. No record may be released to any unauthorized individual or agency without the approval of the student. Records cannot be sent by fax or email or as the result of telephone or third party requests. Marian University is in compliance with the Family Educational Rights and Privacy Act of 1974 (Buckley Amendment). Specifics of students' rights under this Bill are available from the Office of the Registrar or online at <http://www.marianuniversity.edu/consumerinfo/>.

Academic records of former or deceased students

Academic records of former students, including deceased students, are kept confidential. Academic records of deceased

students may be released or disclosed upon written request at the time of death to a spouse, parent, executor of the estate, eldest surviving child, eldest surviving sibling, surviving descendent, or pursuant to a court order or subpoena. Only the Registrar may release the academic records of deceased students. For further information, the petitioner should contact the Office of the Registrar.

Failure to provide required documents

A student entering Marian University after attending any post-secondary institution for any length of time must provide Marian University with all official transcripts of all prior course work by the end of the first semester of their attendance at Marian. Failure to provide official transcripts from all institutions attended will result in a registration hold being placed on the student's record, which does not allow for registration in future semesters until all required documents are obtained.

Academic record change

Any student who feels that their academic record needs to be amended should immediately contact the Office of the Registrar. Records become permanent and cannot be changed after one year from the course completion date.

Change of personal information

Current and former students may update their personal information (i.e. home address, telephone number, email address, legal name) by completing the Change of Address/Name form available at www.marianuniversity.edu/registrar. Name changes require a copy of legal documentation (i.e. social security card, driver's license, marriage license, court order, dissolution decree, current passport) or official proof of identity certified by U.S. embassy abroad or by the appropriate foreign embassy in the U.S. To ensure accurate and proper documentation, these changes cannot be made via email, telephone, or a third party.

Change of major or degree requirement

Degree requirements indicated in the academic bulletin at the time of a student's entry into Marian University remain in effect as long as the student is degree-seeking and attends Marian on an uninterrupted basis. Students who change a major must meet the requirements of the declared degree program as stated in the academic bulletin that is current when the change is made. A degree program consists of the liberal arts core curriculum, major program, and any special requirements of a particular degree, curriculum, major and/or minor declared by the student.

Transcript information

Transcripts are issued only at the request of the student. The Family Educational Rights and Privacy Act of 1974 (Buckley Amendment) requires the Office of the Registrar to obtain the student's permission each time a transcript is requested.

Transcript orders must be submitted through the secure online ordering system located in the student's SabreNet account. Transcripts can be delivered electronically or by postal mail. Normal processing time is one to two working days after receipt of the request, but may be longer during peak working times and holiday breaks. Transcript requests are processed in the order they are received. Students who do not possess a valid email address and credit card must contact the Office of the Registrar directly for alternative ordering. Questions concerning transcripts should be directed to the Office of the Registrar at 920.923.7618.

Transcripts may be held due to outstanding financial obligations. The Office of the Registrar notifies students if a hold will prevent the release of their transcript. The student must resolve this matter before the transcript is sent. Financial obligations may be satisfied with the University by contacting the cashier at 920.923.7611.

Transcripts from other institutions

Marian University does not issue copies of transcripts (high school, college, or university) or other documents received from other institutions. All transcripts received by Marian University become the property of the University and cannot be released to the student. Students may review their transcripts from other institutions in the Office of the Registrar during regular office hours.

TRANSFER POLICY

Transfer Credit

Marian University generally accepts course credits earned at regionally or nationally accredited institutions or candidates for accreditation, if the undergraduate grades are C- or above or if the graduate grades are B or above. A maximum of 96 credits may be transferred into Marian University for undergraduate programs. Courses are evaluated on the basis of equivalent course offerings at Marian University and, if accepted, may be counted toward meeting graduation and degree requirements. School Deans, department chairs, program directors, or faculty shall determine those courses that meet major requirements.

Transferred courses are not included in the Marian University grade point average calculation.

Approval for Off-Campus course work

Marian University students who take part of their undergraduate work at another institution with the intention of transferring the credit back to Marian University should obtain prior approval. An Approval for Off-Campus Courses form can be obtained online at www.marianuniversity.edu/registrar.

Final transfer credit evaluation will be made only after the Office of the Registrar has received an official transcript of the coursework directly from the issuing institution.

Marian University Transfer and Articulation Agreements

University of Wisconsin Colleges and University of Wisconsin System Schools

Students who receive an Associate of Arts and Science degree from any of the University of Wisconsin Colleges or University of Wisconsin System Schools will have completed all Marian University General Education Liberal Arts Core Curriculum requirements, except Theology. This requirement may be fulfilled by taking THE 101: Introduction to Christian Theology, 3 cr., at Marian University. Students must meet all specified proficiency, school, or program requirements. Students are responsible for meeting all residency and general baccalaureate degree requirements.

Wisconsin Technical College System

Students who receive an Associate degree from any of the Wisconsin Technical College System institutions will have fulfilled all of their General Education Elective Liberal Arts Core requirements. Students are required to fulfill all General Education Liberal Arts Common Core courses through equivalent course transfers or by taking the appropriate courses at Marian University. Students must meet all specified proficiency, school, or program requirements. Students are responsible for meeting all residency and general baccalaureate degree requirements.

Students with previously earned Bachelor's Degrees

Students who have received a bachelor's degree from a regionally or nationally accredited institution requiring at least 32 general education credits will have completed all Marian University General Education Liberal Arts Core requirements. Students must meet all specified proficiency, school, or program requirements. Students are responsible for meeting all residency and general baccalaureate degree requirements.

COMMENCEMENT POLICY

Graduation application

All students who are planning to graduate are required to submit an application for graduation to the Office of the Registrar at the beginning of the semester in which all degree requirements will be completed. Graduation applications are available online at www.marianuniversity.edu/registrar.

Applications for graduation must be filed early to allow for proper evaluation of records and timely preparation for the ceremonies.

If you will be finished with classes:

Fall semester
Winterim session
Spring semester
Summer session

You should apply for graduation by:

October 1
February 15
February 15
June 1

If a student's graduation date must be changed, they should notify the Office of the Registrar at least three weeks before the graduation date.

A non-refundable graduation fee is required and must be paid at the time of application. If payment is not included, the Office of the Registrar will return the application unprocessed. If all requirements are not met by the deadline, the student's graduation will be cancelled. Students must then re-apply for the next graduation and pay a reapplication fee.

August graduates (undergraduates)

August graduates may participate in the May commencement ceremony if they are registered for 9 or fewer credits to be completed by the end of the summer sessions. They must submit an application for graduation by February 15 if they intend to participate in the May ceremony.

December graduates

December graduates may participate in the commencement ceremony held the following May.

DEGREE REQUIREMENTS POLICY

The following policies and procedures are related to degree-completion and graduation. Students have the ultimate responsibility to monitor their course of study and fulfill all degree requirements.

General baccalaureate requirements

Students must complete the following requirements for the baccalaureate degree:

1. Successfully complete the General Education Program requirements.
2. Successfully complete a major program of at least 30 credits with a minimum GPA as specified by the program or department. At least 15 credits of upper-level coursework, in the major program, must be completed at Marian University.*
3. Successfully complete a total of at least 120 credits of college work, which includes at least 30 credits of upper-level coursework.
4. Attain a minimum cumulative GPA of 2.00 on a 4.00 scale and a minimum GPA of 2.00 in all upper-level coursework in the major or minor program(s).
5. Earn all of their last 30 credits at Marian University.**
6. Meet any special requirements of the Liberal Arts Core Curriculum or a particular major or minor program selected by the student.
7. File a graduation application and pay the required application fee.

* *Students in the Radiologic Technology or Diagnostic Medical Sonography programs may use transferred clinical credits toward the required 15 credits of upper-level coursework.*

** *The residency requirements exclude credits such as those acquired through challenge or CLEP examinations, assessment*

of prior learning, transfer, the 60 credits of professional training in the radiologic technology clinical program or those credits not completed under direct supervision of the University. Undergraduate students in the Adult and Graduate Studies programs must meet the minimum requirement of 30 residency credits; however, they are not required to earn all of their last 30 credits at Marian University.

Completing an additional major within the same Marian University baccalaureate degree will not result in the awarding of a second degree.

Waiver

Students may request an exemption from a specific degree requirement in the Liberal Arts Core Curriculum, major program, minor program, or other general degree requirements. Granting of a waiver for a specific course does not grant credit for that course, and any credits waived must be made up so that the minimum 120 degree credits is still met. Waiver forms are available online at www.marianuniversity.edu/registrar.

Course substitution

If a student has taken a course in place of one specifically required for the Liberal Arts Core Curriculum, major, or minor, the student must request a formal substitution by completing a Course Substitution form, which is located online at www.marianuniversity.edu/registrar.

Time limit for degree completion

Although there is no specific time limit for the completion of undergraduate degrees, the University reserves the right to review coursework that is more than seven years old to determine whether or not the content or practice has significantly changed. In that case, the student may be required to complete additional coursework to satisfy degree requirements.

The University is neither obligated nor committed to continue courses or programs so that students can take more than the average four or five years to complete bachelor's degrees.

Refer to the Adult and Graduate Studies program section for graduate and doctoral degree requirements and time limits.

Degree completion deadline

All course work and degree requirements must be completed and all grades that apply toward the degree must be received in the Office of the Registrar after the end of a student's last semester of attendance within the following deadlines:

Students completing their course work and degree requirements for graduation by January 15 have the December graduation date stated on their diploma, by June 15 have the May graduation date stated on their diploma, or by August 31 have the August graduation date stated on their diploma. If this deadline is not met, the student's name is removed from

the semester's graduation list and the student is required to reapply for graduation.

Graduation reapplication

If a student fails to complete degree requirements, the Office of the Registrar will not place a student's name on any future graduation lists unless a new graduation application is received from the student or arrangements have been made with the Registrar in advance. Students may reapply for the next graduation and pay a reapplication fee. The original graduation fee is not refunded.

Withdrawal from graduation

If students apply for graduation and find that they have not fulfilled the requirements, they may choose to withdraw the application and change the date to the next scheduled graduation date without reapplying. This may be done only if the student contacts the Office of the Registrar at least three weeks before the graduation date for which the student originally applied. If it is less than three weeks, the student must formally reapply and pay the reapplication fee.

Graduation honors for undergraduate degrees

Undergraduate students who maintain a high level of scholastic excellence throughout their university career receive the earned degree with honors. Honors designations on transcripts are based upon the student's complete academic record at Marian University, since only credits earned at Marian are used to determine a student's GPA.

Students who have earned between 44 and 59 credits at Marian University receive their degrees as follows:

With Distinction 3.75 GPA and above

Students who have earned at least 60 credits at Marian University receive their degrees as follows:

Cum Laude 3.50 to 3.74 GPA

Magna Cum Laude 3.75 to 3.89 GPA

Summa Cum Laude 3.90 GPA and above

A student who's GPA the semester before they graduate qualify for graduation with honors are recognized at the commencement ceremony.

Students in their junior or senior year who wish to take courses off-campus to transfer to Marian University should contact the Office of the Registrar to determine the effect of this on their eligibility for graduation honors.

Marian University does not calculate honors for graduate degrees.

Additional major after baccalaureate degree

Students who have earned a degree from Marian University and are not enrolled in a graduate program may return and fulfill the requirements for another major. These students

must apply for readmission to the University, declare the appropriate major on the application, and register as seniors. Students who return to Marian University to complete an additional major must meet only the requirements for that major. If transferring some of the major courses, students must complete one-half of the credits in a given major program at Marian University.

It is the student's responsibility to complete a Completion of Additional Major form in the Office of the Registrar upon completion of the requirements for the additional major so that a notation can be placed on their permanent record. A student who has completed an additional major will not take part in a second graduation ceremony nor receive a second degree from the University. Students who hold a bachelor's degree from another college or university may not complete only an additional major at Marian University.

Second bachelor's degree

A student who has completed a bachelor's degree at another college or university may apply for admission to Marian University with the intention of completing an additional, unduplicated, bachelor's degree. The student must meet normal admission requirements.

A minimum of 90 transfer credits from previously attended, regionally or nationally accredited colleges and universities may be applied toward completion of the additional degree. The student must meet all degree requirements outlined in this bulletin.

WITHDRAWAL AND REFUND POLICY

Withdrawal from the University

Students withdrawing from the University must file a Withdraw from the University Request form with the Registrar and follow specified withdrawal procedures. The official date of University withdrawal for purposes of determining refund and academic action is the day upon which the properly completed Withdraw from the University Request form is received in the Office of the Registrar. Tuition will be refunded according to the University Refund Policy. If withdrawal is not completed prior to the last week of the semester, grades will be recorded. International students on an F-1 visa must meet with the International Student Advisor prior to withdrawing.

Military call to active duty

If called to active duty, a student should present an original copy of his or her service orders to the Office of the Registrar. At that time, the student should inform the Registrar in writing one of the following two options he or she chooses:

1. The student may elect to withdraw from Marian University and receive a 100% refund for tuition; or
2. The student may choose to remain enrolled and receive the grade(s) and credit for the course(s) if more than half of the semester has elapsed at the time the student is called to active duty. In such a case, no refund is provided.

Students who are called to active duty should contact the Office of the Registrar immediately to ensure that a timely course withdrawal or modification of one's course schedule is effectuated. Please consult the Office of the Registrar for the complete policy.

Administrative withdrawal

Marian University reserves the right to withdraw any student from classes at any time during the semester or term for reasons such as (but not limited to):

- Nonattendance (see "Validation of Enrollment/Non-Attendance Policy" for further details)
- Lack of required course prerequisites
- Credit limit due to academic probation
- Academic dishonesty

Tuition refunds will not be granted when students are withdrawn by the institution.

ACADEMIC COMPUTING

Computers are available to students in the following public locations at the Fond du Lac campus, though some locations have restricted use:

- Agnes Center
- Cardinal Meyer Library
- CASE Office
- Hornung Student Center
- Learning Center and Writing Center
- Todd Wehr Alumni Center

Additionally, there are six computer classrooms that students can use during class times. Computers are also available at the Appleton and West Allis Centers.

Email, SabreNet, OneDrive, and Marian Online2 accounts are given to each student upon enrollment at the University.

There are internet hookups in each residence hall room, as well as separate lines for a telephone.

Wireless internet is available in the following common areas:

- Administration Building
- Agnes Center
- Cardinal Meyer Library
- Cedar Creek Apartments
- Courtyards
- Hornung Student Center
- Howard L. Sadoff Gymnasium
- International Multicultural Center
- Naber Hall
- Regina Hall
- Stayer Center
- Todd Wehr Alumni Center
- Townhouses
- Upward Bound Math and Science Program office

Technical considerations

1. **Have access to an internet connection.** Online learning is exactly how it sounds, learning online. Having access to a reliable, high-speed Internet connection is the key component to learning online.
2. **Have access to a reliable computer.** An up-to-date computer will allow you to access course content, view multimedia files and engage in online forums and discussions with a minimum of trouble.
3. **Have current software.** Viewing multimedia files is an important part of online learning. Older computers may not have the appropriate software that allows these types of files to be downloaded quickly or viewed at all. You will also be expected to use Microsoft Word (not Works) to complete some written assignments. You have access to a free version of Microsoft Word, PowerPoint and Excel through your OneDrive account. Check your course syllabus for each class to see if any special software is required. Take a moment to make sure your computer is set to deliver all aspects of your course to you.
 - If you are using a PC, make sure your Microsoft Windows is up-to-date. Direct link: windowsupdate.microsoft.com/
 - Have Adobe Reader installed so you can open, read and print pdf documents. Direct link: get.adobe.com/reader/
 - Ensure that you have the latest Shockwave and Flash players installed. Direct link: get.adobe.com/shockwave/ Direct link: get.adobe.com/flashplayer/
 - Have Microsoft Office installed on your computer. If you do not own it, you may purchase it for less than \$100 because you are a Marian University student, using this link: <http://www.journeyed.com/WAICU>
 - Turn off pop-up blocker for Marian Online. If you are unsure of how to do this, or any other of these steps, please contact the Helpdesk by phone (920.923.8793) Monday - Friday 8:00 - 6:30 or Saturday 8:00 - noon; or by email: helpdesk@marianuniversity.edu
- **Browsers and Browser Settings**
 - Recommended minimum browsers:
 - Google Chrome 11 or higher
 - Firefox 4 or higher
 - Safari 5 or higher
 - Internet Explorer 8 or higher. (Note: IE 10 required for drag and drop of files from outside the browser into Marian Online.)
 - Cookies need to be enabled in your browser to maintain your Moodle session (Usually cookies are enabled by default.)
 - JavaScript must be enabled in your browser. Usually JavaScript is enabled by default, but you or someone else might have changed this setting.

Acceptable use

Marian University's Information Technology (IT) resources are intended to support the educational, administrative, and campus activities of the University. The use of these resources is a privilege extended to members of the Marian community who are expected to act in a responsible, ethical, and legal manner. Acceptable use includes behavior that respects the rights of others, does not compromise the security or integrity of IT resources, and complies with all applicable laws and license agreements. This policy establishes requirements and applies to all users of IT computing and network resources owned or managed by Marian University. Those found in violation of the Acceptable Use Policy are subject to disciplinary action, including suspension or revocation of computer and/or network access privileges. The complete Acceptable Use Policy is available via MyMarian, in the IT section of the Offices tab.

Contact the Information Technology Help Desk via email at helpdesk@marianuniversity.edu or phone at 920.923.8947 with any questions or concerns.

RIGHTS AND RESPONSIBILITIES

This section of the Academic Bulletin includes pertinent rules, rights, and responsibilities that may be of special assistance to students. Because this section is not all-inclusive, students are encouraged to study the rest of this bulletin, university and student handbooks, and other university materials to become knowledgeable about matters of importance to them, their program of study, and their graduation requirements.

MARIAN UNIVERSITY EXPECTATIONS

Attendance

Marian University, at the heart of its core values, is a community committed to learning. Class attendance is essential to the learning process of the entire community. Absence from class by a student not only limits that student's learning, but it also limits the learning of the entire class that is deprived of that student's input. Any absence, for any reason, prevents the student and the class from getting the full benefit of the course. Students should be aware that class attendance may also be required for financial aid purposes and could impact existing or future financial aid. Students are, therefore, expected to attend all classes of the courses in which they are registered and to be on time. Instructors may include class attendance as a measure of academic performance for grading purposes in the course syllabus. Such criteria are supported by Marian University. It is the responsibility of the student to contact the instructor to discuss any missed class work due to absences. When a student is absent from class, it is up to the instructor to determine what make-up work, project or test may be allowed.

Classroom and campus expectations

Students are encouraged to maximize the learning experience

offered through Marian University. Ideal learning takes place in environments where trust, mutual respect, and active engagement is valued and observed by all participants. Students enrolled at Marian University are expected to conduct themselves in a manner appropriate to a professional setting. Students are expected to be respectful of the learning environment established by the instructor. No student has the right to be disruptive, disrespectful, or uncivil in their conduct, including language, in any setting at Marian University (this includes Facebook and other social media outlets or web-based venues). A student who is deemed to be acting inappropriately in the classroom may be asked to leave the class for a session or longer, or may be administratively withdrawn by University officials.

Absence due to legal obligations

When a student must be absent from class for court-imposed legal obligations (e.g. jury duty or subpoena), the student may wish to seek a release through the procedures of the appropriate court if the obligation will jeopardize a student's academic work.

If a student is unable to obtain a release, the student must present the appropriate School Dean a written verification of the obligation and inform all instructors of the anticipated absence in advance.

If the student will be absent for a short time, the student's instructors will make arrangements to accommodate missed assignments or examinations. If an extended absence is anticipated, the student's request must go through another level of review. The student will meet with the instructors and the appropriate School Dean to determine if arrangements will be made to accommodate the student's completion of his or her academic work. If necessary, the student will be allowed to withdraw from all or part of his or her coursework without penalty. A student withdrawing for this reason will be authorized a full tuition refund and applicable fees for all credits from which the student withdraws.

Students are expected to attend class if they are not required to spend the full day in meeting this obligation. After the legal obligation is satisfied, it is the responsibility of the student to contact the instructor to discuss missed class work and make arrangements to fulfill the requirements of the class.

Un-enrolled individuals in the classroom policy

On a daily basis, the University uses measures to reasonably ensure the health, safety, and welfare of the University community – its students, staff and faculty. The University also is committed to ensuring the maintenance of a campus that promotes a positive and productive learning environment. As a result, it is important for the University to ensure, on a daily basis, that those who come to campus have the authority to do so.

Faculty, staff, and students may not bring un-enrolled persons to class without authorization or permission from their supervisor and/or instructor. Should a University student, staff or faculty member have a personal, child or family-care emergency, or face a personal illness that poses a risk of infection to others, they should immediately contact their supervisor(s) and/or instructor(s) to discuss the need for the use of authorized personal/release time, and/or make alternate arrangements for the completion of academic assignments. The cooperation of all within the University community is encouraged and appreciated.

This policy is not intended to inhibit persons who are not members of the Marian community from visiting the campus for legitimate reasons, such as attending a sporting event, attending a meeting or visiting the coffeehouse.

Off-campus educational activities and intercollegiate athletic contests

Participation in off-campus educational activities and intercollegiate athletic contests is considered to be an integral part of the Marian educational experience. Accordingly, faculty are required to provide students the opportunity to make up course work associated with absences due to participation in such activities. Students are responsible for informing instructors in advance of any such anticipated absences and for making arrangements to make up any work missed as a result, in accordance with instructors' policies as stated in course syllabi. This policy may result in a student being required to complete an assignment or take an examination earlier than the specified date. Students' grades may not be penalized solely for absences due to participation in such University-sponsored activities, provided that students meet their responsibilities with respect to notification and completion of make-up work.

Exceptions: Some instructional activities such as seminars, language practica, and clinicals involve interaction among students and with professionals as an intrinsic part of the educational experience. These interactions may not be susceptible to make-up activities.

GRADE APPEAL

Appealing grades not yet recorded: If, during a grading period, a student believes he/she is being evaluated unfairly, the student should first consult the instructor of the course to explain his/her objection and to better understand the instructor's evaluation. If no resolution is achieved, the student may consult the School Dean of the instructor's academic school. If resolution is not achieved, the student must wait until final grades are posted and initiate a grade appeal if necessary.

Appealing final (recorded) grades: If a student believes that the final grade received in a course is unjust, he/she may

follow the formal policy and procedure for Grade Appeal as follows:

Grades submitted to and recorded by the Office of the Registrar, with the exception of "I" (incomplete), are considered final. Recorded grades may be changed only in extraordinary circumstances, which are confined to either:

1. Clerical error on the part of the instructor in submitting the grade; or
2. Clear or apparent major inconsistency or injustice due to "arbitrary and capricious" grading on the part of the instructor in assigning the grade.

Based on this, the student is limited to specific grounds for appeal. If a student simply disagrees with the faculty member's judgment about the academic quality of the student's work, this does not constitute valid grounds for appeal. Valid grounds for a change of major inconsistency or injustice include the following:

1. The terminal grade was based on something other than the student's performance in the course;
2. The instructor applied standards that were more exacting or demanding than those applied to other students in that course; and/or
3. The terminal grade was a result of significant, unannounced, and unreasonable departures from those articulated in the course syllabus distributed at the beginning of the course.

Procedures for formal grade appeal: The formal grade appeal procedure should be utilized only for terminal grades; it is not to be used to challenge grades on individual assignments. Prior to filing a formal grade appeal, the student must discuss the terminal grade with the instructor and seek resolution. If no resolution is achieved, the student must contact the School Dean of the instructor's academic school within 8 weeks after the official grade was issued. If this does not take place within the specified time, the case is closed and the grade stands as submitted.

If the School Dean or designee cannot achieve a resolution between the instructor and the student, the student may file a formal written grade appeal with the School Dean or designee housing the course in question. A formal grade appeal must be filed within 12 weeks after the end of the semester in which the grade was given. Students may lose the right to appeal if they fail to adhere to the timelines delineated in this policy. The School Dean or designee may extend the timelines under extraordinary circumstances.

When clerical error is claimed, evidence may be requested. If evidence shows that clerical error was indeed made, the appropriate University official directs the Registrar, in writing, to correct the recorded grade.

Upon receipt of a Grade Appeal request charging major inconsistency or injustice, the School Dean or designee, shall

convene a University-wide academic appeals committee to consider the request if it is determined that the appeal meets the criteria, involves a palpable issue, and is supported by evidence capable of sustaining rational argument. (See section “Academic Appeals Committee” of the faculty handbook for composition of committees). In appealing a grade, the burden of proof rests with the student.

Upon receipt of the written request, the hearing is held within one month or as designated by the School Dean. The Academic Appeals Committee notifies the student and the instructor of the time and place of the hearing. The hearing is closed and all parties maintain confidentiality.

The committee reviews the student’s written request and any other evidence the student presents. Committee members may ask for clarification and for other information. They consult the instructor to ascertain his/her view of the situation. The hearings are taped and minutes kept.

When the committee has all the evidence necessary or available, it writes a report with its recommendations. The report states and summarizes the issues involved, the sources of data received, factors involved that were weighted and analyzed, and its recommendations. On the basis of its evidence, the committee may recommend either:

1. That the grade be redetermined, or
2. That the grade stand.

If the committee recommends that the grade be redetermined, it may further recommend how a more just grade is to be determined. The committee may request the opinion of other competent evaluations if records of student work are available. The committee forwards its recommendation to the Executive Vice President for Academic Affairs, who notifies the student and the instructor of the committee findings within seven days of the completion of the written report.

All minutes, tapes, and documentation are kept in the Office of Academic Affairs.

The student or instructor may appeal the decision of the Academic Appeals Committee to the Executive Vice President for Academic Affairs within one week of notification. This request must provide specific grounds for a subsequent appeal, which are

1. Due process was not followed;
2. Policy was incorrectly applied; and/or
3. Important evidence was missing.

Decisions of the Executive Vice President for Academic Affairs are final.

All involved in the grade appeal process must be apprised of the following:

1. A grade, even when a major injustice or inconsistency is determined, may nonetheless be the grade earned.

2. A re-evaluation of an inconsistently or unjustly determined grade could result in a raised grade, the same grade, or a lowered grade.
3. The faculty member involved is usually the only person capable of fairly evaluating the student’s actual performance or work since only he/she has observed the student throughout the grading period.

Academic grievances

In student complaints about faculty actions, the persons involved should handle academic grievances informally. If the grievance cannot be resolved, it may be taken to the School Dean. The student should submit a written statement with attached documentation (i.e. syllabi, relevant assignments, relevant teacher responses about assignments, grading criteria, papers, tests, quizzes, portfolios). If it still remains unresolved, a formal grievance may be filed with the appropriate School Dean. All such grievances will follow the grade appeal process.

Student complaints related to alleged discrimination and/or harassment are not covered under this policy or procedure. In such cases, students are directed to the School Dean, any Vice President, or the Director of Human Resources to proceed with their complaints. Likewise, complaints about University policy and procedure should be directed to the responsible office or unit.

Academic honesty policy

(The Academic Appeals and Grievance Committee also addresses cases of Academic Honesty)

A policy of academic honesty speaks to the Mission Statement of Marian University by ensuring academic integrity and thereby furthering the personal, moral, and intellectual development of the learning community. The intent of this policy is to establish consistency and to heighten the moral responsibility of the entire University community (faculty, staff, and students) by identifying areas that would violate the concept of academic honesty.

Little distinction is made between the student who is actually guilty of academic dishonesty and anyone who aids the student (i.e. by providing a copy of a stolen exam or by writing a paper for another student). The instructor and the University can change a student’s grade at any time, even after a course has been completed, if the student has violated the Academic Honesty Policy.

The University has identified three major violations of academic honesty: plagiarism, cheating, and intentional misrepresentation of the truth. All rules and standards of academic honesty apply equally to all electronic media, particularly all intranet and internet activities.

Plagiarism – Plagiarism is defined as presenting another person’s work as one’s own. Examples include:

- The occasional use of words or ideas from outside

sources without documenting those sources. This includes failure to properly cite an internet source.

- **Possible penalties:** At the discretion of the instructor, the penalty may range from a failing grade on the paper to referral to the Learning and Writing Center.
- Extensive copying of words or ideas from outside sources without documentation. This includes submitting as one's own part of a paper obtained from an internet source.
 - **Possible penalties:** At the discretion of the instructor, the penalty may range from receiving a failing grade on the assignment to receiving a failing grade for the course.
- Purchasing work done by another, having another person do the work, or submitting as one's own a paper obtained from an internet source.
 - **Possible penalties:** The student may receive a failing grade for the course, be suspended from the University for one semester, or be asked to leave the University permanently.

Cheating – Cheating is defined as the attempt by the student, whether successful or not, to give or receive aid and/or information by illicit means in meeting any academic requirements, including examinations. Examples include:

- Occasional copying from another's paper during an exam or assignment.
 - **Possible penalty:** Receiving a failing grade on the exam or assignment.
- Using "crib" notes or extensively copying from another's exam or assignment. Unless approved by the instructor, this includes, during an examination, using electronics (i.e. cell phones, PDAs) consulting with others, and using other unauthorized materials.
 - **Possible penalties:** The student may receive a failing grade on the exam or receive a grade of WF or F for the entire course.
- Using a stolen exam or having another person take the exam on the student's behalf.
 - **Possible penalties:** The student may receive a failing grade for the course, be suspended from the University for one semester, or be asked to leave the University permanently.

Intentional Misrepresentation of the Truth

Examples include:

- Forgery or falsification of academic documents or records.
- Engaging in conduct aimed at making false representation of a student's academic performance, history, and/or achievements.
 - **Possible penalties:** The student may be suspended from the University for one semester or asked to leave the University permanently.

Procedures

The School Dean or designee has the responsibility of notifying the Executive Vice President for Academic Affairs of any student who is in violation of these policies to determine if there have been multiple violations of academic honesty. If there have been, see the second point under Intentional Misrepresentation of the Truth.

The following process is used to investigate violations of this policy and to implement the suggested penalties.

- An investigation may be initiated by the instructor or a student or parties who have reason to believe that an offense has taken place. Students or others need only notify the instructor and the School Dean of the academic school, either verbally or in writing that they think a violation has taken place. The names of those supplying information will be held in strictest confidence by the University.
- The instructor may first pursue the matter informally. The School Dean needs to be informed and will keep a record of all violations of academic honesty. The School Dean notifies the student's academic advisor and necessary departmental personnel of the course of all violations of academic honesty. After discussing the matter with the School Dean, the instructor may confront the student with the charge informally and suggest a penalty that the instructor feels is appropriate. If the instructor is the dean, he/she may ask to the student to meet with the Executive Vice President for Academic Affairs as part of the informal process. The student may either accept the penalty or request a formal hearing before the Marian University Academic Appeals and Grievance Committee.
- The instructor or the student may pursue the investigation formally through the appropriate School Dean, who notifies the Chair of the Academic Appeals and Grievance Committee. This method is suggested for those charged with cheating, plagiarism, and all misrepresentation of the truth.
 1. The School Dean gives written notice to the individual(s) involved and notifies the Chair of the Academic Appeals and Grievance Committee.
 2. The committee determines whether enough information exists to confirm that cheating or plagiarism has occurred in each case. In those cases where it is determined that the student violated this policy, the committee applies a penalty taken from these guidelines, taking into consideration the recommendation of the instructor. If the committee determines that a third incident of academic dishonesty has occurred, the student is dismissed from the University.
 3. The decision of the Academic Appeals and Grievance Committee is final. The Committee Chair notifies the School Dean, who notifies the Executive Vice President for Academic Affairs.

STUDENT COMPLAINT POLICY

The Student Complaint policy is an institution-wide, policy and procedure for addressing, tracking and evaluating student complaints and applies to all members of the University community. It is not meant to override current procedures in place for consumer complaints, academic appeals, disciplinary procedures or school-specific procedures. Students are encouraged to address their complaints informally and directly with the individuals with whom they have concerns before taking any formal actions as defined here.

This policy locates the responsibility for tracking student complaints within the Office of Institutional Effectiveness; however, all employees of the University will need to be prepared to utilize the procedure and forms for addressing student complaints. This will insure standard practice regardless of the nature of the students' complaints, the area of the University within which the concern takes place, as well as the resolution of the situation.

This policy provides all students (or their delegate) with a common form for filing a formal complaint, which then allows the University to track, analyze, identify trends, and use the data to improve institutional processes. This policy fosters data-driven decision making and a uniform practice of addressing and tracking student concerns.

To be clear, particular schools, and other non-academic units have very specific processes in place to deal with student concerns. Student looking for redress from the outcome of these processes are making *appeals*. The process is firmly in place and tracked through the Office of Academic Affairs.

This policy and corresponding procedure for implementation is flexible and adaptable in format and structure so that new requirements such as new Title IX and campus SaVE policies may also be easily retro-fitted to the form and process.

Notification of Rights under FERPA for Postsecondary Institutions

The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. These rights include:

1. **The right to inspect and review the student's education records within 45 days after the day the University receives a request for access.** Students should submit to the registrar, dean, head of the academic department, or other appropriate official, a written request that identify the record(s) they wish to inspect. The school official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the school official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. **The right to request the amendment of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy right under FERPA.** A student who wishes to ask the school to amend a record should write the school official responsible for the record, clearly identify the part of the record they want changed, and specify why it should be changed. If the University decides not to amend the record as requested by the student, the University will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. **The right to provide written consent before the University discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent.** The school discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee. A school official also may include a volunteer or contractor outside of the University who performs an institutional service of function for which the school would otherwise use its own employees and who is under the direct control of the school with respect to the use and maintenance of PII from education records, such as an attorney, auditor, or collection agent or a student volunteering to assist another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for Marian University. Upon request, the school also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expand the circumstances under which your education records and personally identifiable information (PII) contained in such records—including your Social Security Number, grades, or other private information—may be accessed without your consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities ("Federal and State Authorities") may allow access to your records and PII without your consent to *any* third party designated by a Federal or

State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is “principally engaged in the provision of education,” such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to your education records and PII without your consent to researchers performing certain types of studies, in certain cases *even when we object to or do not request such research*. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without your consent PII from your education records, and they may track your participation in education and other programs by linking such PII to other personal information about you that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

FERPA permits the disclosure of personally identifiable information (PII) from students’ education records, without consent of the student, if the disclosure meets certain conditions found in §99.31 of the FERPA regulations. Except for disclosures to school officials, disclosures related to some judicial orders or lawfully issued subpoenas, disclosures of directory information, and disclosures to the student, §99.32 of FERPA regulations requires the institution to record the disclosure. Eligible students have a right to inspect and review the records of disclosures. A postsecondary institution may disclose PII from the education records without obtaining prior written consent of the student:

- To other school officials, including teachers, within the University whom the school has determined to have legitimate educational interests. This includes contractors, consultants, volunteers, or other parties to whom the school has outsourced institutional services or functions, provided that the conditions listed in §99.31(a)(1)(i)(B)(1)-(a)(1)(i)(B)(2) are met. (§99.31(a)(1))
- To officials of another school where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for purposes related to the student’s enrollment or transfer, subject to the requirements of §99.34. (§99.31(a)(2))
- To authorized representatives of the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or State and Local Educational authorities, such as a State postsecondary authority

that is responsible for supervising the university’s State-supported education programs. Disclosures under this provision may be made, subject to the requirements of §99.35, in connection with an audit or evaluation of Federal or State supported education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf. (§99.31(a)(3) and 99.35)

- In connection with financial aid for which the student has applied or which the student has received if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid. (§99.31(a)(4))
- To organizations conducting studies for, or on behalf of, the school, in order to (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction. (§99.31(a)(6))
- To accrediting organizations to carry out their accrediting functions. (§99.31(a)(7))
- To parents of an eligible student if the student is a dependent for IRS tax purposes. (§99.31(a)(8))
- To comply with a judicial order or lawfully issued subpoena. (§99.31(a)(9))
- To appropriate officials in connection with a health or safety emergency, subject to §99.36. (§99.31(a)(10))
- Information the school has designated as “directory information” under §99.37. (§99.31(a)(11))
- To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense, subject to the requirements of §99.39. The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding. (§99.31(a)(13))
- To the general public, the final results of a disciplinary proceeding, subject to the requirements of §99.39, if the school determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the school’s rules or policies with respect to the allegation made against him or her. (§99.31(a)(14))
- To parents of a student regarding the student’s violation of any Federal, State, or local law, or of any rule or policy of the school, governing the use or possession of alcohol or a controlled substance if the school determines the student committed a disciplinary violation and the student is under the age of 21. (§99.31(a)(15))
- The disclosure concerns sex offenders and other individuals required to register under section 17010 of the Violent Crime Control and Law Enforcement Act of 1994.

4. **The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA.** The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC, 20202-4605
5. **The University designates the following as public or “Directory Information”:** student name, address, telephone number, email address, photograph, dates of attendance, previous institutions attended, major fields of study, enrollment status (undergraduate/graduate/full or part time), awards (but not scholarships), honors, degrees conferred (including dates), past and present participation in officially recognized sports and activities, physical factors (height, weight) of athletes, and date and place of birth.
6. **Students may restrict the release of “Directory Information,” except to school officials with legitimate educational interests and others as indicated in point #3 above.** To do so, a student must make the request in writing to the Registrar’s Office, 45 S. National Ave., Fond du Lac, WI 54935. Once filed, this request becomes a permanent part of the student’s record until the student instructs the University, in writing, to have the request removed.

Student Right-to-Know

In relation to the Student Right-to-Know Act, graduation and completion rates are available online: <http://www.marianuniversity.edu/consumerinfo/>

For additional information, contact the Office of Institutional Effectiveness at 920.923.8943.

STUDENT LEARNING OUTCOMES

As a community of higher education, the academic program is formulated to insure that undergraduate students will acquire the following:

Knowledge Acquisition: Students use analytical skills to research, interpret, and evaluate information within a variety of learning contexts.

Performance Indicators:

1. Demonstrate the ability to gather information from a variety of resources
2. Utilize technology to acquire information
3. Evaluate information for relevance
4. Evaluate information for quality
5. Demonstrate knowledge of basic facts, concepts, and processes
6. Analyze and critique works, concepts, and theories of creative expression

Effective Communication: Students appreciate, comprehend, and critically evaluate written, oral, and visual communication and use a variety of means to express themselves effectively.

Performance Indicators:

1. Interpret verbal communication
2. Interpret non-verbal communication
3. Use standard conventions in all learning contexts to express self clearly in speech
4. Use standard conventions in all learning contexts to express self clearly in writing
5. Effectively communicate in a variety of settings
6. Employ various modes of communication such as computer technology, language, or aesthetic media
7. Engage in artistic expression

Critical Thinking: Students use various modes of inquiry to solve complex problems in multiple contexts involving interpretation, evaluation, analysis, and inference.

Performance Indicators:

1. Evaluate
(The subject/object/focus of the evaluation can include arguments, data, evidence, texts, works of art, etc.)
2. Critically question
(This is about questions that further discussion or deepen knowledge.)
3. Offer relevant consequences/implications
(Higher performing students will be able to provide both positive and negative consequences)
4. Develop logical, well-supported conclusions

Global Perspectives: Students understand the impact of culture* on individual and group beliefs and actions.

Performance Indicators:

1. Analyze issues from diverse cultural viewpoints
2. Examine the connections between people’s cultures and their actions and beliefs
3. Analyze the importance of cultural context on individual and group decision-making

* Culture includes spiritual, social, historical, geopolitical, and linguistic dimensions.

Socially Responsible Action: Students develop a personal sense of social justice.

Performance Indicators:

1. Understand and critique the spiritual, moral, and/or ethical foundations of social justice
2. Identify injustice and explore possible alternatives
3. Develop strategies for engaging society in a socially just manner
4. Recognize how individuals and groups can effect positive social change
5. Investigate and experience the cathartic and therapeutic benefits of the arts

ASSESSMENT PROGRAM

The Marian University assessment program includes both the curricular and co-curricular aspects of the University. As part of its ongoing commitment to seeking improvement in its academic programs, Marian University has adopted a plan to assess how the University is accomplishing the learning

outcomes. Faculty review the results of the assessment instruments to renew and improve the effectiveness of programs. All Marian University students are encouraged to participate in University assessments.

GENERAL EDUCATION PROGRAM

The General Education Program (46–49 credits) consists of the learning requirements that must be satisfactorily completed by all traditional undergraduate students, regardless of their majors. Marian University's General Education Program includes courses that provide a broad base of common learning and prepare the entering student for college level learning and expectations. The General Education Program is divided into two sections: First-Year Studies and the Liberal Arts Core Curriculum.

First-Year Studies

All students entering Marian University with fewer than 24 credits are required to successfully complete GEN 101: First-Year Seminar.

Liberal Arts Core Curriculum (LACC)

Students must complete 46 credits in five areas of study: Mathematics and Natural Science, Humanities and the Arts, Social Science, Applied Liberal Arts, and Theology. The LACC provides a course of study that allows students to develop a deeper understanding of themselves and their connections to the world. It embodies the Mission and Core Values of Marian University by providing a broad foundation for the spiritual, personal, intellectual, and professional development of all students. The Student Learning Outcomes of knowledge acquisition, effective communication, critical thinking, global perspectives, and socially responsible action are incorporated throughout the LACC.

All degree candidates are required to complete the requirements that follow. Major programs may require the completion of specific courses within the LACC. General Education Program requirements are listed at the beginning of the course description section of each major program.

The General Education Program Committee, working with the academic Schools, determines acceptable courses for the LACC.

The General Education Program (46–49 credits)

FIRST-YEAR STUDIES – TOTAL CREDITS: 3

All students entering Marian University with fewer than 24 credits are required to successfully complete **GEN 101** (3 credits)

LIBERAL ARTS CORE CURRICULUM – TOTAL CREDITS: 46

Students are required to take 31 credits from the common core courses. Common core courses are open to all students and are comprised of 100 and 200 level courses in the specified areas of study. Students are also required to take 15 elective core credits, with a minimum of 3 credits from each area of study.*

Studies of Natural Science and Mathematics*	Studies of Humanities and the Arts*	Studies of Social Science*	Studies of Applied Liberal Arts*	Studies of Theology
<p>Common Core Courses Mathematics – 3 credits MAT 100, MAT 105, MAT 111, MAT 112, MAT 114, MAT 122, MAT 130, MAT 150, MAT 151, MAT 201, PSY 210, SWK 210</p> <p>Lab Science – 4 credits BIO 100/BIO 150, BIO 102, BIO 104, BIO 105, BIO 110/BIO 112, BIO 114, CHE 101, CHE 103, PHS 102, PHS 108, PHS 110, PHS 201, PHS 203, PHS 211</p>	<p>Common Core Courses Philosophy – 3 credits PHI 132</p> <p>Literature – 3 credits ENG 112, ENG 121, ENG 122, ENG 123, ENG 201, ENG 202, ENG 211, ENG 212, ENG 216, ENG 217, ENG 220, ENG 221, ENG 225, ENG 310, ENG 320</p> <p>Art or Music – 3 credits ART 101, ART 103, ART 111, ART 201, ART 203, ATH 201, MUS 101, MUS 107, MUS 130, MUS 200, MUS 202, MUS 203, MUS 205, MUS 211, MUS 220</p>	<p>Common Core Courses History – 3 credits HIS 101, HIS 102</p> <p>Psychology or Sociology – 3 credits PSY 101, PSY 105, SOC 100</p>	<p>Common Core Courses Expository Writing – 3 credits ENG 105</p> <p>Argumentative and Research Writing – 3 credits ENG 106</p>	<p>Common Core Courses Introduction to Christian Theology – 3 credits THE 101</p>
<p>Elective Core Courses 3 credits PHS 100</p>	<p>Elective Core Courses 3 credits ART 202, ART 205, ART 207, ART 211, ART 212, ART 230, ART 235, ART 236, ART 237, ART 240, ART 250, ART 303, CMG 215, CMG 315, ENG 125, ENG 302, ENG 304, ENG 314, ENG 324, ENG 402, PHI 220, PHI 231, PHI 304, PHI 305, PHI 306, PHI 308, PHI 312, PHI 315, PHI 316, PHI 318</p>	<p>Elective Core Courses 3 credits CRJ 101, ECO 201, ECO 202, EDU 202, HIS 205, HIS 206, HIS 207, HIS 208, HIS 209, HIS 222, SWK 101</p>	<p>Elective Core Courses 3 credits BIO 210, BIO 324, BUA 101, BUA 203, COM 101, COM 232, COM 302, EDU 211, ENG 222, ENG 301, ENG 406, ENG 408, FIN 205, FRE 101, FRE 102, FRE 201, FRE 202, MAT 100, MAT 122, MAT 130, MAT 201, MUS 206, PHI 220, PHI 231, PHI 232, PHI 320, SPA 101, SPA 102, SPA 104, SPA 105, SPA 107, SPA 108, SPA 109, SPA 110, SPA 112, SPA 113, SPA 201, SPA 202, SPA 320, SPA 322, SPA 324, TEC 102</p>	<p>Elective Core Courses 3 credits EDR 231, EDR 302, EDR 332, EDR 350, EDR 380, EDR 385, LDR 225, THE 205, THE 210, THE 214, THE 215, THE 216, THE 218, THE 220, THE 221, THE 225, THE 230, THE 303, THE 306, THE 307, THE 309, THE 310, THE 327, THE 333, THE 334, THE 340, THE 345, THE 350, THE 360, THE 365, THE 366, THE 370, THE 414, THE 420, THE 426</p>

* Any common core course may be used as an elective, but an elective core course may not be used as a common core course.

SCHOOL OF ARTS AND SCIENCES

Michelle Majewski, Psy.D., Dean

Administration Building, room 121
920.923.8132

The nature of the School of Arts and Sciences is interdisciplinary. Within its academic departments, the School strives to build students' knowledge across a spectrum of the liberal arts, both those thought of primarily as "the arts" and those thought of as "science." Courses and programs emphasize the mastery of a broad range of fundamental concepts, critical thinking skills, scientific evidence, creative expression, mathematical proofs, effective communication, technical competence, and research skills.

The School of Arts and Sciences takes an explicitly values-based approach to learning and works to develop the rational, affective, and spiritual dimensions of the whole person. The School cultivates students' interpersonal, expressive, and interactive abilities; activates and intensifies students' commitment to service, vocation, human dignity, and diversity; and heightens students' appreciation of continuity, innovation, and global community. It prepares students to: engage in scientific inquiry and thought; select and pursue appropriate career options; become productive members of an increasingly interdependent, global, technological, and scientific society; and develop an appreciation of their own capabilities and accomplishments.

The School of Arts and Sciences offers degrees in the following academic areas: art, biology, chemistry, communication, criminal justice, English, forensic science, history, homeland security, mathematics, music, and psychology. It is through these programs that the School extends and deepens its commitment to the mission of Marian University.

Majors are offered in: biology, biology-cytotechnology, chemistry, communication, criminal justice, English, writing, expressive and therapeutic arts, forensic science, graphic arts, history, homeland security, mathematics, music, and psychology.

Minors are offered in: art history; biology; chemistry; communication; cultural, media, and gender studies; environmental science; expressive and therapeutic arts; graphic arts; history; leadership; mathematics; music; natural science; philosophy; pre-law; psychology; public relations; Spanish; Spanish education; theology; and writing.

In conjunction with the School of Education, the School of Arts and Sciences also offers majors in: biology education, broad field social studies, and English education. Minors are offered in: chemistry education, language arts, broad field social studies, and Spanish education.

TRADITIONAL PROGRAMS

ART DEPARTMENT

The Art Department offers students a broad-based education anchored in a strong liberal arts core. The department has three basic goals:

1. To provide students with a quality foundation in understanding the integral role of the visual arts in society.
2. To provide students with a comprehensive understanding of how artistic interpretation and production can contribute to a holistic view of life.
3. To ground individuals in the necessary technical skills, principles, and theories of visual art experiences.

The Art Department seeks to heighten students' awareness of the visual world, both past and present. With this awareness and through the application of a creative process, students integrate art and life in preparation for their art professions.

Students are required to maintain a 3.25 grade point average in all art courses.

To achieve its mission, the Art Department helps students to:

- Be aware of and perceive the visual world.
- Understand and respect the contributions of artists and art forms.
- Value and use the creative process.
- Be proficient in artistic skills.
- Integrate art and life.
- Develop one's personal artistic and aesthetic philosophy.

Refer to the Art Department Handbook for further explanation of policies and requirements.

ART THERAPY PROGRAM (BA)

Marian University's unique program prepares undergraduate students for a career in Art Therapy through a major in Expressive and Therapeutic Arts. It not only introduces students to the field of Art Therapy, but provides additional skills for a wider range of employment with a bachelor's of arts degree, while also preparing students for graduate work in the fields of Art Therapy and Expressive Arts.

What are the Expressive Arts?

Traditionally, Art Therapy's focus has been primarily on the visual arts. Expressive Arts combine the visual arts, movement, drama, music, writing and other creative processes, fostering greater development of the whole person. Expressive arts and art therapy are used with children, adolescents, adults, older adults, groups, and families in a variety of settings. Through a broad range of coursework, students learn to observe, reflect, share, and evaluate creative experiences. With an emphasis on self-study, students gain the personal experience and insight necessary to better understand and connect with future clients.

A career in art therapy requires the use of artistic self-expression to help explore and resolve conflicts, solve problems, develop interpersonal skills, manage behavior, reduce stress, achieve insight, increase self-esteem, and enhance self-awareness. In order to become a registered therapist, students must earn a master's degree and complete the appropriate requirements for National Board Certification.

EXPRESSIVE AND THERAPEUTIC ARTS MAJOR

General Education Program: 46–49 University requirements. Major satisfies the art common core and elective core courses including ART 111, ART 201, PSY 101, PSY 105, and COM 302.

Foreign Language requirement

12 credits or equivalent:
Language requirement for BA

Professional and art courses

69 credits as follows:

60 credits:

ART 111	Basic Drawing, 3 cr.
ART 201	Design, 3 cr.
ART 202	Basic Painting, 3 cr.
ART 211	Basic Sculpture, 3 cr.
ART 212	Basic Ceramics, 3 cr.
ART 235	Women Artists through History, 3 cr.
ART	Art history elective, 3 cr.
ATH 201	Introduction to Expressive and Therapeutic Arts, 3 cr.
ATH 250	Therapeutic Arts in Service-Learning, 3 cr.
ATH 301	Therapeutic Skills and Lab, 4 cr.
ATH 311	Art Curriculum and Methods in Early Childhood and Elementary/Middle Schools, 2 cr.
ATH 315	Fieldwork I and Seminar, 3 cr.
ATH 325	Fieldwork II and Seminar, 3 cr.
ATH 350	Fieldwork III and Seminar, 3 cr.
ATH 400	Senior Seminar in Expressive and Therapeutic Arts, 3 cr.
ATH 410	Program Design and Grant Writing, 3 cr.
ATH 475	Techniques in Creative Process, 3 cr.
PSY 101	General Psychology, 3 cr.
PSY 105	Human Development, 3 cr.
PSY 211	Abnormal Psychology, 3 cr.

6 credits from the following:

ART 203	Introduction to Graphic Arts, 3 cr.
ART 300	Printmaking, 3 cr.
ART 255	Bookmaking, 3 cr.
ART	Fiber Arts, 3 cr.
ART 204	Special Topics, 3 cr.
ATH 204	Special Topics, 3 cr.
CMG 215	Contemporary Culture, 3 cr.
ENG 121	Introduction to Poetry, 3 cr.
ENG 301	Creative Writing, 3 cr.
MUS 205	World Musics, 3 cr.
PHI 304	Art and Culture, 3 cr.

3 credits from the following:

COM 302	Intercultural Communication, 3 cr.
COM 324	Interpersonal Communication, 3 cr.

0 credits:

ART 010, 020, 030, 040 Art Exhibition Attendance, 0 cr.

5-9 credits:

Electives related to field – advisor approval recommended

EXPRESSIVE AND THERAPEUTIC ARTS MINOR

27 credits as follows:

9 credits:

ATH 201	Introduction to Expressive and Therapeutic Arts, 3 cr.
ATH 250	Therapeutic Arts in Service-Learning, 3 cr.
PSY 105	Human Development, 3 cr.

6 credits from the following:

ATH 204	Special Topics, 1-3 cr.
ATH 301	Therapeutic Arts in Service-Learning, 4 cr.
ATH 475	Techniques in Creative Process, 3 cr.
PSY 101	General Psychology, 3 cr.
PSY 211	Abnormal Psychology, 3 cr..

3 credits of Foundational Art from the following:

ART 101	Art Fundamentals, 3 cr.
ART 201	Design, 3 cr.

6 credits of Studio Art from the following:

ART 111	Basic Drawing, 3 cr.
ART 202	Basic Painting, 3 cr.
ART 204	Special Topics, 1-3 cr.
ART 211	Basic Sculpture, 3 cr.
ART 212	Basic Ceramics, 3 cr.
ART 300	Printmaking, 3 cr.
ART 255	Bookmaking, 3 cr.
ART 370-374	Fiber Arts, 3 cr.
ATH 204	Special Topics, 1-3 cr.

3 credits of History and Culture from the following:

ART 235	Women Artists through History, 3 cr.
ART 236	Contemporary Art History, 1-3 cr.
ART 240	Survey of Art History II, 3 cr.
CMG 215	Contemporary Culture, 3 cr.
MUS 205	World Musics, 2-3 cr.
PHI 304	Art and Culture, 3 cr.

0 credits:

ART 010, 020 Art Exhibition Attendance, 0 cr.

GRAPHIC ARTS PROGRAM (BA)

The Graphic Arts Program actively combines knowledge in graphic design and traditional studio art methods. Students in the program investigate current print and electronic design principles and their technical application to generate

an array of design solutions. Studies reflect the trends in evolving graphic design technology, emerging media forms, and the tastes of a visually sophisticated modern society. The structure of the graphic design courses provide the student experiences in design theory, brainstorming techniques, conceptual development, digital imaging, illustration, layout, desktop publishing, typography, printing methods, web design, interactive interface design, and animation.

The Graphic Arts Program prepares students for the diverse opportunities in the field of graphic arts. Students are encouraged to develop a consistent body of work and define a personal style. That development, in part, is elicited by frequent group discussions of a design work's aesthetic merits. Class projects advance a student's presentation skills in order to develop an attractive portfolio primed for their career objectives. Their University career culminates with an internship experience.

GRAPHIC ARTS MAJOR

General Education Program: 46–49 University requirements. Major satisfies the art common core and elective core courses.

Foreign Language requirement

12 credits or equivalent:

Language requirement for BA

58–60 credits as follows:

Art History

6 credits:

ART 230 Survey of Art History I, 3 cr.

ART 240 Survey of Art History II, 3 cr.

3 credits from the following:

ART 235 Women Artists through History, 3 cr.

ART 236 Contemporary Art History, 1–3 cr.

ART 237 American Art History, 3 cr.

Studio Art

12 credits:

ART 111 Basic Drawing, 3 cr.

ART 201 Design, 3 cr.

ART 202 Basic Painting, 3 cr.

ART 303 Life Drawing, 3 cr.

3 credits from the following:

ART 211 Basic Sculpture, 2-3 cr.

ART 212 Basic Ceramics, 2-3 cr.

Graphic Arts

16–18 credits:

ART 203 Introduction to Graphic Arts, 3 cr.

ART 205 Digital Imaging, 3 cr.

ART 207 Computer Illustration, 3 cr.

ART 300 Printmaking, 3 cr.

or

ART 305 Introduction to Photography, 3 cr.

ART 340 Web Design, 3 cr.

ART 397 Internship, 1–3 cr.

3 credits from the following:

ART 401 Advanced Design, 3 cr.

ART 407 Computer Animation, 3 cr.

ART 404 Graphic Arts elective, 3 cr.

Other program requirements

15 credits:

ART 3XX Art elective, 3 cr.

COM 202 Writing for Media, 3 cr.

or

COM 333 Computer Applications for Communication, 3 cr.

MKT 201 Principles of Marketing, 3 cr.

MKT 302 Principles of Advertising, 3 cr.

TEC 102 Computer Software Applications, 3 cr.

0 credits:

ART 010, 020, 030, 040 Art Exhibition Attendance, 0 cr.

Other requirements

8-10 credits:

University electives

GRAPHIC ARTS MINOR

24 credits as follows:

Studio Art

3 credits from the following:

ART 101 Art Fundamentals, 3 cr.

ART 111 Basic Drawing, 3 cr.

3 credits:

ART 201 Design, 3 cr.

Art History

3 credits from the following:

ART 230 Survey of Art History I, 3 cr.

ART 235 Women Artists Through History, 3 cr.

ART 236 Contemporary Art History, 1–3 cr.

ART 237 American Art History, 3 cr.

ART 240 Survey of Art History II, 3 cr.

Graphic Arts

3 credits:

ART 203 Introduction to Graphic Arts, 3 cr.

12 credits from the following:

ART 205 Digital Imaging, 3 cr.

ART 207 Computer Illustration, 3 cr.

ART 340 Web Design, 3 cr.

ART 401 Advanced Design, 3 cr.

ART 404 Special Topics, 3 cr.

COM 333 Computer Applications for Communication, 3 cr.

MKT 201 Principles of Marketing, 3 cr.

TEC 102 Computer Software Applications, 3 cr.

0 credits:

ART 010, ART 020 Art Exhibition Attendance, 0 cr.

ART HISTORY MINOR**22 credits:**

ART 230 Survey of Art History I, 3 cr.
 ART 236 Contemporary Art History, 1–3 cr.
 ART 240 Survey of Art History II, 3 cr.
 ART 330 Art History Practicum, 2 cr.
 ART 430 Senior Seminar in Art History, 2 cr.
 ART Art History electives, 3 cr.
 HIS Electives, 6 cr. (*may not apply to liberal arts core*)

0 credits:

ART 010, 020 Art Exhibition Attendance, 0 cr.

BIOLOGY DEPARTMENT (BS)

The Biology Department provides students with training in many aspects of the biological sciences. Through lecture, laboratory, and field work, students gain valuable experience that prepares them for careers in allied health programs, industrial and biological research, environmental careers, and teaching. Students desiring certification for teaching biology in grades 5–12 take an additional major in middle–secondary education.

Biology majors must achieve an average GPA of 2.50 in their biology coursework before graduation. Transfer students must complete one-half of their major and one-third of their minor credits at Marian University.

The Biology Department offers the following degree programs: majors in biology (BS) and biology–cytotechnology (BS), with minors in biology, biology education, and environmental science.

General Education Program: 46–49 credits of University requirements. Major satisfies lab science common core and natural sciences elective core requirements.

Other requirements**16 credits:**

CHE 101 Principles of Chemistry I, 4 cr.
 CHE 102 Principles of Chemistry II, 4 cr.
 CHE 201 Organic Chemistry I – Lecture, 3 cr.
 CHE 202 Organic Chemistry II – Lecture, 3 cr.
 CHE 251 Organic Chemistry I – Laboratory, 1 cr.
 CHE 252 Organic Chemistry II – Laboratory, 1 cr.

BIOLOGY MAJOR**38 credits as follows:****24 credits:**

BIO 010 Biology Seminar I, 0 cr.
 BIO 020 Biology Seminar II, 0 cr.
 BIO 101 Biological Principles I & Lab, 4 cr.
 BIO 102 Biological Principles II & Lab, 4 cr.

BIO 300 Biology Literature and Seminar, 2 cr.
 BIO 301 Genetics & Lab, 4 cr.
 BIO 302 Cell and Molecular Biology, 4 cr.
 BIO 311 Molecular and Physiological Microbiology, 4 cr.
 BIO 425 Biology Senior Research I, 1 cr.
 BIO 426 Biology Senior Research II, 1 cr.

4–8 credits from the following:

BIO 201 Anatomy and Physiology I, 4 cr.
 BIO 202 Anatomy and Physiology II, 4 cr.
 BIO 310 Invertebrate Zoology & Lab, 4 cr.
 BIO 312 Developmental Biology & Lab, 4 cr.
 BIO 322 Vertebrate Zoology & Lab, 4 cr.

4–10 credits: Biology electives

Biology/middle–secondary education double majors must take the following courses, which may be applied toward their biology electives:

BIO 104 Environmental Science & Lab, 4 cr.
 or
 BIO 315 Ecology, 3 cr.
 BIO 231 Botany & Lab, 4 cr.
 BIO XXX Biology elective

17-20 credits:

University electives

Other math and science courses outside of biology required for teaching certification in biology/middle–secondary education are:

MAT 112 Pre-Calculus Mathematics, 5 cr.
 MAT 122 Introduction to Probability and Statistics, 4 cr.
 PHS 108 Earth Science & Lab, 4 cr.
 PHS 211 Elementary Physics & Lab, 5 cr.
 or
 PHS 203 University Physics I & Lab, 5 cr.

BIOLOGY MINOR**19 credits:**

BIO 101 Biological Principles I & Lab, 4 cr.
 BIO 102 Biological Principles II & Lab, 4 cr.
 BIO 301 Genetics, 4 cr.
 BIO 302 Cell and Molecular Biology, 4 cr.
 BIO Biology electives, 3 cr.

BIOLOGY EDUCATION MINOR**31 credits:**

BIO 100 Life Systems, 3 cr.
 BIO 150 Life Systems Lab, 1 cr.
 BIO 231 Botany, 4 cr.
 BIO 301 Genetics, 4 cr.
 BIO 302 Cell and Molecular Biology, 4 cr.
 BIO 310 Invertebrate Zoology, 4 cr.
 BIO 322 Vertebrate Zoology, 4 cr.
 BIO 104 Environmental Science, 4 cr.
 BIO 315 Ecology, 3 cr.

BIOLOGY–CYTOTECHNOLOGY PROGRAM (BS)

The Biology–Cytotechnology Program is a BS degree in biology with a sub-specialization in cytotechnology, which is the study of cells exfoliated or removed from the body for determination of the cancerous versus normal state. Following completion of their science, mathematics, and liberal arts requirements at Marian, cytotechnology majors apply for admission to one year of professional training at the accredited School of Cytotechnology, State Laboratory of Hygiene located in Madison, Wis.

Students must meet all of the requirements for the biology major (see biology program). The courses below must be taken as part of the sub-specialization.

BIOLOGY–CYTOTECHNOLOGY MAJOR

54 Biology major requirements to include the cytotechnology sub-specialization requirements:

15 credits as follows:

8 credits:

- BIO 201 Anatomy and Physiology I, 4 cr.
BIO 202 Anatomy and Physiology II, 4 cr.

3 credits from the following:

- BIO 402 Virology, 3 cr.
BIO 422 Immunology, 3 cr.

4 credits:

- MAT 122 Introduction to Probability and Statistics, 4 cr.

32 credits:

School of Cytotechnology

ENVIRONMENTAL SCIENCE MINOR

The Environmental Science minor is an optional minor for elementary–middle education majors or a support minor for science majors.

24 credits as follows:

7 credits:

- BIO 104 Environmental Science & Lab, 4 cr.
BIO 315 Ecology, 3 cr.

1-2 credits from the following:

- BIO 304 Field Study, 1–2 cr.
or
BIO 425 Biology Senior Research I, 1 cr.
BIO 426 Biology Senior Research II, 1 cr.

4–8 credits from the following:

- BIO 100 Life Systems, 3 cr.
BIO 150 Life Systems Laboratory, 1 cr.
or
BIO 101 Biological Principles I & Lab, 4 cr.
BIO 102 Biological Principles II & Lab, 4 cr.

7–12 credits from the following:

- BIO 114 Environmental Stewardship, 4 cr.
BIO 116 Wisconsin Natural Areas, 3 cr.
BIO 221 Fall Flora, 1 cr.
BIO 222 Spring Flora, 1 cr.
BIO 231 Botany and Lab, 4 cr.
BIO 301 Genetics and Lab, 4 cr.
BIO 310 Invertebrate Zoology and Lab, 4 cr.
BIO 311 Molecular and Physiological Microbiology, 4 cr.
BIO 312 Developmental Biology and Lab, 4 cr.
BIO 322 Vertebrate Zoology and Lab, 4 cr.
BIO 342 Ornithology and Lab, 4 cr.
BIO 365 Ecology Laboratory, 1 cr.
PHS 108 Earth Science & Lab, 4 cr.
PHS 110 Introduction to Meteorology & Lab, 4 cr.

PRE-PROFESSIONAL PROFESSIONS

Students desiring a pre-professional degree in one of the health sciences in preparation for applying to dentistry, medicine, optometry, pharmacy, physical therapy, physician assistant, and veterinary medicine programs are advised to pursue a biology major with a chemistry minor, or a chemistry major with a biology minor.

CHEMISTRY AND PHYSICS DEPARTMENT (BS)

The Chemistry and Physics Department offers majors in chemistry, and minors in chemistry, chemistry education, and natural science.

The Chemistry and Physics Department provides students with courses and experiences in a wide variety of areas in the disciplines of chemistry and physics. It prepares students for entrance into the chemical industry, graduate school, health profession schools, and teaching science. Students desiring certification for teaching science in grades 5–12 take an additional major in middle–secondary education. Chemistry majors must achieve an average GPA of 2.50 in their chemistry courses before graduation. Transfer students must complete 18 or more of their chemistry credits at Marian University for the chemistry major and must complete 8 or more of their chemistry credits at Marian University for the chemistry minor.

General Education Program: 46–49 credits of University requirements. Major satisfies the lab sciences, mathematics, and the natural science elective core courses.

CHEMISTRY MAJOR

58 credits as follows:

36 credits:

- CHE 010 Chemistry Seminar, 0 cr.
CHE 101 Principles of Chemistry I, 4 cr.
CHE 102 Principles of Chemistry II, 4 cr.
CHE 201 Organic Chemistry I, 3 cr.
CHE 202 Organic Chemistry II, 3 cr.
CHE 251 Organic Chemistry I Lab, 1 cr.
CHE 252 Organic Chemistry II Lab, 1 cr.

CHE 300	Analytical Chemistry, 4 cr.
CHE 301	Instrumental Analysis, 4 cr.
CHE 312	Chemistry Literature and Seminar, 2 cr.
CHE 401	Physical Chemistry I, 3 cr.
CHE 402	Physical Chemistry II, 3 cr.
CHE 425	Chemistry Senior Research I, 1 cr.
CHE 426	Chemistry Senior Research II, 1 cr.
CHE 451	Physical Chemistry I Lab, 1 cr.
CHE 452	Physical Chemistry II Lab, 1 cr.

2 credits:

CHE	Chemistry electives, 2 cr. (choose from course numbers above 200)
-----	---

Chemistry/middle–secondary education double majors are strongly recommended to take CHE 302 Biochemistry as their chemistry elective. Other science courses required for chemistry/middle–secondary education are:

BIO 101	Biological Principles I and Lab, 4 cr.
BIO 102	Biological Principles II and Lab, 4 cr.
BIO 104	Environmental Science and Lab, 4 cr.

Other requirements**20 credits as follows:****10 credits:**

MAT 201	Calculus I, 5 cr.
MAT 202	Calculus II, 5 cr.

10 credits:

PHS 203	University Physics I, 5 cr.
PHS 205	University Physics II, 5 cr.

CHEMISTRY MINOR**24 credits as follows:****12 credits:**

CHE 101	Principles of Chemistry I, 4 cr.
CHE 102	Principles of Chemistry II, 4 cr.
CHE 300	Analytical Chemistry, 4 cr.

12 credits:

CHE	Chemistry electives (choose from course numbers 200 level and above)
-----	--

CHEMISTRY EDUCATION MINOR**46-47 credits as follows:****20 credits:**

CHE 101	Principles of Chemistry I, 4 cr.
CHE 102	Principles of Chemistry II, 4 cr.
CHE 201	Organic Chemistry I, 3 cr.
CHE 202	Organic Chemistry II, 3 cr.
CHE 251	Organic Chemistry I Lab, 1 cr.
CHE 252	Organic Chemistry II Lab, 1 cr.
CHE 300	Analytical Chemistry, 4 cr.

4–5 chemistry elective credits from the following:

CHE 301	Instrumental Analysis, 4 cr.
CHE 302	Biochemistry, 5 cr.

12 credits:

BIO 101	Biological Principles I, 4 cr.
BIO 102	Biological Principles II, 4 cr.
BIO 104	Environmental Science, 4 cr.

10 credits:

PHS 203	University Physics I, 5 cr.
PHS 205	University Physics II, 5 cr.

Additional requirements: All other courses normally applicable to the middle–secondary education major in sciences.

NATURAL SCIENCE MINOR

This minor is available to all students, but will be of greater interest to students majoring in elementary–middle education. The minor is comprised of a series of courses designed to satisfy the requirements of the Wisconsin Department of Public Instruction for a science minor, for certification in grades 1–6 and/or grades 1–9.

29 credits as follows:**25 credits:**

BIO 104	Environmental Science & Lab, 4 cr.
CHE 101	Principles of Chemistry I, 4 cr.
CHE 102	Principles of Chemistry II, 4 cr.
PHS 108	Earth Science & Lab, 4 cr.
PHS 110	Introduction to Meteorology & Lab, 4 cr.
PHS 211	Elementary Physics, 5 cr.

4 credits from the following:

BIO 102	Biological Principles II & Lab, 4 cr.
BIO 100	Life Systems, 3 cr.
BIO 150	Life Systems Laboratory, 1 cr.

Mathematics and natural science prerequisites:

BIO 101	Biological Principles I and Lab, 4 cr. (if taking BIO 102)
MAT 112	Pre-Calculus Mathematics, 5 cr.
or	
MAT 114	Algebra and Trigonometry, 4 cr.

Students seeking certification for grades 1–9 must also student teach in their minor in the middle school.

COMMUNICATION DEPARTMENT (BA)

The Communication Department offers students a broad-based education anchored in a strong liberal arts core. First, a degree in communication provides students with quality foundational skills in written and spoken communication, with additional essential coursework in one of two emphasis areas. Second, the program grounds students in theories and principles of communication that form the knowledge base for deeper study. Third, this base leads students to an integrated study of the intercultural, ethical, and practical communication situations students will face upon graduation. And fourth, students are further enriched by participation in internship experiences in various specialized areas of employment. These

experiences give students opportunities to apply theories and practices learned in the classroom.

Students who major in communication earn a Bachelor of Arts degree. Minors in communication and public relations also are offered. The Communication minor supports all majors by providing students with the foundational skills that employers are seeking with regard to effective oral communication. Students learn to write and speak in a variety of contexts while understanding the global context of all communication. The Public relations minor offered by the Communication program supports students who hope to work in the promotions area of almost any organization, but is particularly useful for English, Marketing, and Management majors. Students learn to develop public relations plans, implement and assess the outcome of their work while addressing the online presence of organizations.

Graduation requirement

Communication majors may not earn a grade lower than C– in any communication course. In instances where the student earns a grade of D+ or lower, the course must be repeated in order to graduate.

Refer to the Communication Department Handbook for further explanation of policies and requirements.

General Education Program: 46–49 University requirements.

Foreign Language requirement

12 credits or equivalent:

Language requirement for BA

COMMUNICATION MAJOR

60 credits:

Communication majors must complete the communication core and one of the two areas of emphasis.

Communication core

27 credits:

- COM 100 Introduction to Communication, 3 cr.
- COM 102 Electronic Student Newspaper, 1 cr.
- COM 202 Writing for Media, 3 cr.
- COM 232 Public Speaking, 3 cr.
- COM 302 Intercultural Communication, 3 cr.
- COM 333 Computer Applications for Communications, 3 cr.
- COM 400 Theories in Communication, 3 cr.
- COM 401 Legal Issues in Communication, 3 cr.
- COM 405 Senior Seminar, 2 cr.
- COM 397 Internship, 1–3 cr.
- or
- COM 497 Internship, 1–3 cr.

(Students are strongly advised to take BUA 203 Career Preparation, 1 cr.)

Students are required to maintain a professional portfolio of samples of their work. The portfolio is reviewed in COM 405 Senior Seminar.

Complete one area of emphasis:

Organizational communication emphasis

21 credits as follows:

15 credits:

- COM 321 Organizational Communication and Behavior, 3 cr.
- COM 322 Argumentation and Persuasion, 3 cr.
- COM 334 Discussion and Small Group Interaction, 3 cr.

3 credits from the following:

- COM 324 Interpersonal Communication, 3 cr.
- COM 410 Listening, 3 cr.

3 credits from the following:

- COM 420 Professional Presentations, 3 cr. or
- COM 431 Training and Assessment in Communication, 3 cr.

3 credits:

- MGT 213 Principles of Management, 3 cr.

3 credits:

- COM Electives (must be at the 300–400 level)

Public relations and strategic communication emphasis

21 credits:

12 credits:

- COM 210 Mass and Digital Communication, 3 cr.
- COM 215 Introduction to Public Relations, 3 cr.
- COM 315 Public Relations Writing and Practice, 3 cr.
- COM 416 Crisis Communication, 3 cr.

3 credits from the following:

- COM 412 Digital Communication, 3 cr.
- MKT 201 Principles of Marketing, 3 cr.

3 credits:

- PHI 315 Media and Identity, 3 cr.

3 credits:

- COM Electives (must be at the 300–400 level)

19-22 credits:

University electives

COMMUNICATION MINOR

18 credits as follows:

12 credits:

- COM 100 Introduction to Communication, 3 cr.
- or
- COM 101 Communication Fundamentals, 3 cr.

COM 202 Writing for Media, 3 cr.
 COM 232 Public Speaking, 3 cr.
 COM 302 Intercultural Communication, 3 cr.

6 credits:

COM Electives (3 of the 6 credits must be at the 300–400 level)

PUBLIC RELATIONS MINOR**18 credits as follows:****15 credits:**

COM 100 Introduction to Communication, 3 cr.
 or
 COM 101 Fundamentals of Communication, 3 cr.
 COM 202 Writing for Media, 3 cr.
 COM 215 Introduction to Public Relations, 3 cr.
 COM 315 Public Relations Writing and Practice, 3 cr.
 COM 333 Computer Applications for Communications, 3 cr.

3 credits in Communication at 300 or 400 levels:

COM Electives (must be at the 300–400 level)

CRIMINAL JUSTICE DEPARTMENT (BS)

The Criminal Justice Program focuses on academics that stress five core areas in the U.S. criminal justice system: law enforcement; correctional institutions; probation and parole; juvenile justice; and general criminal justice study. The program provides an excellent base of learning and practical preparation for positions in law enforcement, probation and parole, corrections, pre-law, and human services in both the public and private sector. Students are strongly encouraged to complete a criminal justice internship as part of their coursework.

Many students majoring in criminal justice are returning law enforcement, public safety, private security, and first responder professionals. Credits may be awarded for prior certified training, especially in law enforcement and corrections. Through agreements with Wisconsin state technical colleges, the University allows transfer students to apply their associate degrees in police science, corrections, and probation and parole toward a bachelor's degree.

Adult undergraduate students may pursue a criminal justice major in an accelerated format. Refer to the Adult and Graduate Studies section of this bulletin for more information.

CRIMINAL JUSTICE MAJOR

General Education Program: 46–49 University requirements

54 credits as follows:**33 credits:**

CRJ 101 Introduction to the Criminal Justice System, 3 cr.
 CRJ 102 Constitutional Law, 3 cr.
 CRJ 201 Criminal Law, 3 cr.

CRJ 203 Juvenile Law, 3 cr.
 CRJ 214 Statistics for Criminology and Criminal Justice, 3 cr.

or

PSY 210 Statistical Techniques for Research Data Analysis, 3 cr.
 CRJ 310 Criminology, 3 cr.
 CRJ 325 Corrections, 3 cr.
 CRJ 400 Criminal Justice Seminar, 3 cr.
 CRJ 420 Race, Gender and Ethnicity, 3 cr.
 CRJ 495 Capstone Project in Criminal Justice, 3 cr.
 HOS 342 Research Methods, 3 cr.

6 credits from the following:

CRJ 220 Critical Issues in Criminal Justice, 3 cr.
 CRJ 312 Crisis Intervention and Management, 3 cr.
 CRJ 340 Principles of Judicial Process, 3 cr.
 CRJ 350 Principles of Professional Practice, 3 cr.
 PHI 320 Philosophy of Law, 3 cr.

15 credits from any the three groupings below:**Criminal Justice Electives**

CRJ 204 Special Topics, 1-3 cr.
 CRJ 220 Critical Issues in Criminal Justice, 3 cr.*
 CRJ 301 Criminal Investigations, 3 cr.
 CRJ 302 Criminal Procedures, 3 cr.
 CRJ 303 Law Enforcement Administration, 3 cr.
 CRJ 304 Rules of Evidence, 3 cr.
 CRJ 306 Understanding Gang Formation and Behavior, 3 cr.
 CRJ 307 Crimes against Children, 3 cr.
 CRJ 312 Crisis Intervention and Management, 3 cr.*
 CRJ 340 Principles of Judicial Process, 3 cr.*
 CRJ 350 Principles of Professional Practice, 3 cr.*
 CRJ 360 Practicum in Research I, 3 cr.
 CRJ 362 Practicum in Research II, 3 cr.
 CRJ 394 Criminal Justice Field Experience, 3 cr.
 CRJ 404 Special Topics, 1-3 cr.
 CRJ 414 Independent Study, 1-3 cr.
 CRJ 425 Crime Prevention and Community Relations, 3 cr.
 CRJ 457 Comparative Criminal Justice Systems, 3 cr.
 CRJ 494 Criminal Justice Field Experience, 0-3 cr.

Homeland Security Electives

HOS 204 Special Topics, 1-3 cr.
 HOS 394 Homeland Security Field Experience, 3 cr.
 HOS 404 Special Topics, 1-3 cr.
 HOS 405 Critical Perspectives of Disasters, 3 cr.
 HOS 407 Critical Perspectives of Terrorism, 3 cr.
 HOS 494 Homeland Security Field Experience, 3 cr.
 HSL 201 Introduction to Homeland Security, 3 cr.
 HSL 204 Special Topics, 1-3 cr.
 HSL 212 Homeland Security Resource Management, 3 cr.
 HSL 305 Leadership and Organizational Management, 3 cr.
 HSL 313 Emergency Planning, 3 cr.

- HSL 350 Administrative Law, 3 cr.
 HSL 495 Capstone Project in Homeland Security, 3 cr.

Non-Criminal Justice Electives (maximum of 6 credits)

- COM 321 Organizational Behavior and Communication, 3 cr.
 ENG 312 Advanced Composition, 3 cr.
 HIS 206 History of Terrorism, 3 cr.
 HIS 207 History of Crime, 3 cr.
 PHI 320 Philosophy of Law, 3 cr.
 PSY 211 Abnormal Psychology, 3 cr.
 PSY 301 Drugs and Behavior, 3 cr.
 PSY 308 Theories of Personality, 3 cr.
 PSY 330 Forensic Psychology, 3 cr.
 SPA 101 Elementary Spanish I, 3 cr.
 SPA 102 Elementary Spanish II, 3 cr.
 SPA 320 The Hispanic Experience in America, 3 cr.
 SWK 101 Introduction to Social Work and Human Services, 3 cr.
 THE 205 Peacemaking: Multicultural, Interfaith and Dimensions, 3 cr.

17–20 credits:

University electives

**CRJ 220, CRJ 312, CRJ 340, CRJ 350, and PHI 320 are part of the major requirements. Courses not used to fulfill major requirements may be used as electives.*

CRIMINAL JUSTICE MINOR

21 credits as follows:

9 credits:

- CRJ 101 Introduction to the Criminal Justice System, 3 cr.
 CRJ 102 Constitutional Law, 3 cr.
 CRJ 310 Criminology, 3 cr.

12 credits from the following:

- CRJ 201 Criminal Law, 3 cr.
 CRJ 203 Juvenile Law, 3 cr.
 CRJ 214 Statistics for Criminology and Criminal Justice, 3 cr.

or

- PSY 210 Statistical Techniques for Research Data Analysis, 3 cr.
 CRJ 220 Critical Issues in Criminal Justice, 3 cr.
 CRJ 312 Crisis Intervention and Management, 3 cr.
 CRJ 325 Corrections, 3 cr.
 CRJ 340 Principles of Judicial Process, 3 cr.
 CRJ 350 Principles of Professional Practice, 3 cr.
 CRJ 400 Criminal Justice Seminar, 3 cr.
 CRJ 420 Race, Gender, and Ethnicity, 3 cr.

ENGLISH DEPARTMENT (BA or BS)

The English Department strives to ensure that all Marian University students develop their skills in composing and appreciating written discourse. The programs offer students opportunities to enhance their skills in expository and creative

writing; increase their understanding and appreciation of literature representing a variety of cultures, genres, and perspectives; and explore the theory and practice of literary criticism.

Graduation requirement

English majors may not earn a grade lower than C in any English course. In instances where the student earns a grade of C– or lower, the course must be repeated in order to graduate.

General Education Program: 46–49 University requirements, including COM 232.

ENGLISH MAJOR (BA)

42 credits as follows:

12 credits:

- ENG 205 Introduction to Literary Studies and the English Professions, 3 cr.
 ENG 302 Shakespeare, 3 cr.
 ENG 375 Advanced Study of Language, Grammar, and Rhetoric, 3 cr.
 ENG 495 English Research Capstone, 3 cr.

3 credits of Genre Studies from the following:

- ENG 112 Introduction to Literary Genres, 3 cr.
 ENG 121 Introduction to Poetry, 3 cr.
 ENG 122 Introduction to Fiction, 3 cr.
 ENG 123 Introduction to Drama, 3 cr.

3 credits of World Literature from the following:

- ENG 220 World Literature I, 3 cr.
 ENG 221 World Literature II, 3 cr.
 ENG 225 Mythology, 3 cr.

3 credits of British Literature from the following:

- ENG 201 British Literature I, 3 cr.
 ENG 202 British Literature II, 3 cr.

3 credits of American Literature from the following:

- ENG 211 American Literature I, 3 cr.
 ENG 212 American Literature II, 3 cr.

3 credits of Minority Literature from the following:

- ENG 216 Contemporary Women's Literature: Emerging Voices, 3 cr.
 ENG 217 Evolution of Women's Literature, 3 cr.
 ENG 250 Ethnic Minority Literature, 3 cr.
 ENG 310 African-American Literature, 3 cr.

15 credits of English electives:

- ENG Electives (at least 9 credits at the 15 credits must be at the 300 level or above; only 3 of the remaining 6 credits can be at the 100 level)

Foreign Language requirement**12 credits or equivalent:**

Language requirement for BA

17-20 credits:

University electives

WRITING MAJOR (BA)**42 credits as follows:****15 credits:**

- ENG 205 Introduction to Literary Studies and the English Professions, 3 cr.
 ENG 301 Creative Writing, 3 cr.
 ENG 302 Shakespeare, 3 cr.
 ENG 375 Advanced Study of Language, Grammar, and Rhetoric, 3 cr.
 ENG 495 English Research Capstone, 3 cr.

3 credits of Genre Studies from the following:

- ENG 112 Introduction to Literary Genres, 3 cr.
 ENG 121 Introduction to Poetry, 3 cr.
 ENG 122 Introduction to Fiction, 3 cr.
 ENG 123 Introduction to Drama, 3 cr.

6 credits of Survey courses from the following:

- ENG 201 British Literature I, 3 cr.
 ENG 202 British Literature II, 3 cr.
 ENG 211 American Literature I, 3 cr.
 ENG 212 American Literature II, 3 cr.
 ENG 220 World Literature I, 3 cr.
 ENG 221 World Literature II, 3 cr.
 ENG 225 Mythology, 3 cr.

3 credits of Minority Literature from the following:

- ENG 216 Contemporary Women's Literature: Emerging Voices, 3 cr.
 ENG 217 Evolution of Women's Literature, 3 cr.
 ENG 250 Ethnic Minority Literature, 3 cr.
 ENG 310 African-American Literature, 3 cr.

3 credits of Creative Writing from the following:

- ENG 406 Seminar in Fiction Writing, 3 cr.
 ENG 408 Seminar in Poetry Writing, 3 cr.

3 credits of Professional Writing from the following:

- ENG 222 Business Communications, 3 cr.
 COM 202 Writing for Media, 3 cr.
 COM 215 Introduction to Public Relations, 3 cr.
 COM 315 Public Relations Writing and Practice, 3 cr.
 COM 412 Digital Communication, 3 cr.
 COM 416 Crisis Communication, 3 cr.

9 credits of writing electives (200–400 level):

- ENG Electives (at least 6 credits must be at the 300 level or above)

Foreign Language requirement**12 credits or equivalent:**

Language requirement for BA

17-20 credits:

University electives

ENGLISH EDUCATION MAJOR (BS)

Students majoring in English Education will also take classes from the School of Education to complete all DPI National Council of Teachers of English licensing requirements.

Graduation requirement

English majors may not earn a grade lower than C in any English course. In instances where the student earns a grade of C- or lower, the course must be repeated in order to graduate.

General Education Program: 46-49 University requirements including: BIO 100 and BIO 150, or BIO 104 or BIO 114; PHS 102 or PHS 203 or PHS 211 or CHE 101 or CHE 103 or PHS 108 or PHS 110; ENG 112; HIS 101; PSY 105; EDU 202; and COM 232.

6 credits as follows:**3 credits:**

- POS 205 American Government, 3 cr.

3 credits from the following:

- HIS 111 History of the United States to 1877, 3 cr.
 HIS 112 History of the United States from 1877, 3 cr.
 HIS 102 World Civilizations II, 3 cr.

39 credits as follows:**18 credits:**

- ENG 112 Introduction to Literary Genres, 3 cr.
 ENG 205 Introduction to Literary Studies and the English Professions, 3 cr.
 ENG 301 Creative Writing, 3 cr.
 ENG 302 Shakespeare, 3 cr.
 ENG 375 Advanced Study of Language, Grammar, and Rhetoric, 3 cr.
 ENG 495 English Research Capstone, 3 cr.

3 credits of World Literature from the following:

- ENG 220 World Literature I, 3 cr.
 ENG 221 World Literature II, 3 cr.
 ENG 225 Mythology, 3 cr.

3 credits of British Literature from the following:

- ENG 201 British Literature I, 3 cr.
 ENG 202 British Literature II, 3 cr.

3 credits of American Literature from the following:

- ENG 211 American Literature I, 3 cr.
 ENG 212 American Literature II, 3 cr.

3 credits of a Minority Literature from the following:

- ENG 216 Contemporary Women's Literature: Emerging Voices, 3 cr.
 ENG 217 Evolution of Women's Literature, 3 cr.
 ENG 250 Ethnic Minority Literature, 3 cr.
 ENG 310 African-American Literature, 3 cr.

9 credits:

- ENG Electives (at least 6 credits must be at the 300 level or above)

Middle–secondary education courses**37 credits as follows:****25 credits:**

- EDU 010 Field Experience One, ½ cr.
 EDU 020 Field Experience Two, ½ cr.
 EDU 030 Field Experience Three, ½ cr.
 EDU 040 Field Experience Four, ½ cr.
 EDU 100 Introduction to Education and Classroom Management, 2 cr.
 EDU 200 Technology in Education, 3 cr.
 EDU 202 Psychology of Learning, 3 cr.
 EDU 213 Introduction to Special Education, 3 cr.
 EDU 301 Intercultural Studies for Educators, 3 cr.
 EDU 412 Educational Measurement and Assessment, 3 cr.
 SEC 310 Academic Literacy, 3 cr.
 SEC 410 English/Language Arts Curriculum and Methods, 3 cr.

12 credits:

- SEC 450 Clinical Practice and Seminar – Secondary–Grades 9–12, 1–12 cr.
 SEC 455 Clinical Practice and Seminar – Middle Level Grades 5–8, 1–6 cr.

Foreign Language requirement**12 credits or equivalent:**

Language requirement for BA

LANGUAGE ARTS MINOR**21 credits as follows:****15 credits:**

- ENG 112 Introduction to Literary Genres, 3 cr.
 ENG 212 American Literature II, 3 cr.
 ENG 301 Creative Writing, 3 cr.
 ENG 302 Shakespeare, 3 cr.
 ENG 375 Advanced Study of Language, Grammar, and Rhetoric, 3 cr.

3 credits from the following:

- ENG 220 World Literature I, 3 cr.
 ENG 221 World Literature II, 3 cr.
 ENG 225 Mythology, 3 cr.

3 credits:

- ENG Electives

WRITING MINOR**21 credits as follows:****12 credits:**

- ENG 301 Creative Writing, 3 cr.
 ENG 375 Advanced Study of Language, Grammar, and Rhetoric, 3 cr.
 ENG 406 Seminar in Fiction Writing, 3 cr.
 ENG 408 Seminar in Poetry Writing, 3 cr.

9 credits of Professional Writing from the following:

- COM 202 Writing for Media, 3 cr.
 COM 215 Introduction to Public Relations, 3 cr.
 COM 315 Public Relations Writing and Practice, 3 cr.
 COM 412 Digital Communication, 3 cr.
 COM 416 Crisis Communication, 3 cr.
 ENG 222 Business Communications, 3 cr.

FOREIGN LANGUAGE DEPARTMENT

The Foreign Language Department offers opportunities for the study of languages, literatures, history, and cultures. Through the study of a minor, specialized classes for professionals, or classes in foreign languages, students learn to communicate effectively, think critically, and interact compassionately with people throughout the world. Proficiency in a second language and enhanced cultural understanding are marketable skills in many careers and complement all other fields of study. Courses are offered in American Sign Language, French, Japanese, and Spanish.

The Foreign Language Department offers minors in Spanish and Spanish education (certified to teach grades 1–8). Licensure for the Spanish education minor varies based on the student's selected education major.

SPANISH MINOR

Through the study of grammar, comparative aspects of language, selected topics in Spanish-speaking cultures and histories and literatures of the Spanish-speaking world, the Spanish minor prepares students to understand Hispanic cultures in the U.S. and abroad, and to communicate in Spanish at the intermediate level. Students must successfully complete the Modified Oral Proficiency Exam at the intermediate high level.

24 credits as follows:**21 credits:**

- SPA 101 Elementary Spanish I, 3 cr.
 SPA 102 Elementary Spanish II, 3 cr.
 SPA 201 Intermediate Spanish I, 3 cr.
 SPA 202 Intermediate Spanish II, 3 cr.
 SPA 301 Latin American Civilizations, 3 cr.
 SPA 401 Introduction to Literary Studies in Spanish, 3 cr.
 SPA 402 Hispanic Literature of Social Conscience, 3 cr.

3 credits from the following:

- SPA 302 History and Culture of Spain, 3 cr.
 SPA 311 Advanced Spanish Grammar, 3 cr.
 SPA 312 Advanced Composition and Conversation in Spanish, 3 cr.
 SPA 320 Hispanic Experience in the United States, 3 cr.
 SPA 322 To Be a Woman in Latin America, 3 cr.
 SPA 324 Truth and Memory in Latin America, 3 cr.
 SPA 411 Masterpieces of Spanish Literature, 3 cr.
 SPA 412 Masterpieces of Spanish–American Literature, 3 cr.
 SPA 413 Twentieth Century Hispanic Literature, 3 cr.

SPANISH EDUCATION MINOR

The Spanish education minor leads to licensure to teach the language in grades 1–8. It consists of a minor in Spanish, a major in elementary–middle education, and additional experiences required by the Wisconsin Department of Public Instruction. Students must complete all requirements for the elementary–middle education major, including achieving satisfactory scores on the Praxis II exams in Oral Proficiency and Writing Proficiency in Spanish. Students must study applied linguistics and complete either SPA 390: Spanish Language Immersion Seminar and Practicum, 1–3 credits, or a 4–6 week study abroad immersion program.

27 credits as follows:**24 credits:**

- SPA 101 Elementary Spanish I, 3 cr.
 SPA 102 Elementary Spanish II, 3 cr.
 SPA 201 Intermediate Spanish I, 3 cr.
 SPA 202 Intermediate Spanish II, 3 cr.
 SPA 301 Latin American Civilizations, 3 cr.
 SPA 401 Introduction to Literary Studies in Spanish, 3 cr.
 SPA 402 Hispanic Literature of Social Conscience, 3 cr.
 FLE 470 Foreign Language Curriculum and Methods (PK–12), 3 cr.

3 credits from the following:

- SPA 302 History and Culture of Spain, 3 cr.
 SPA 311 Advanced Spanish Grammar, 3 cr.
 SPA 312 Advanced Composition and Conversation in Spanish, 3 cr.
 SPA 320 Hispanic Experience in the United States, 3 cr.
 or
 SPA 322 To Be a Woman in Latin America, 3 cr. or
 SPA 324 Truth and Memory in Latin America, 3 cr.
 SPA 411 Masterpieces of Spanish Literature, 3 cr.
 SPA 412 Masterpieces of Spanish–American Literature, 3 cr.
 SPA 413 Twentieth Century Hispanic Literature, 3 cr.

FORENSIC SCIENCE DEPARTMENT (BS)

In collaboration with the School Of Arts and Sciences and the School of Business, the Forensic Science Program combines knowledge of criminal justice and forensic sciences in their

broadest sense with thorough training in the approaches, knowledge, and analytical techniques of the laboratory scientist. Forensic scientists are often called on to analyze a wide variety of evidence and events, and consequently this requires thorough preparation in a broad array of disciplines including: biology, chemistry, criminal justice, forensic science, mathematics, physics, and statistics.

The Forensic Science Program provides its students with broad training in many of the sub-disciplines of forensic science. Through lecture, laboratory, and field work, students gain valuable experience that prepares them for careers in crime scene investigation, death investigation, and criminalistics. This intense and broad program of study includes all of the courses required for application to most professional health programs including: medicine, dentistry, optometry, and veterinary schools. In addition, this program includes the array of coursework expected of candidates seeking employment in industrial quality control, basic science laboratories, and industrial product development research laboratories.

Progression policy and graduation requirements

Forensic science majors must maintain a cumulative GPA of 3.0 starting with entrance to the program and throughout the first semester of senior year. Progression will be based on cumulative GPAs earned at Marian University at the conclusion of each semester. Any major failing to meet this criterion will be placed on probation. During the first semester of probation, students may continue taking major and chemistry minor courses if eligible. If the student fails to meet the criteria after one semester on probation, that student may only retake deficient classes and general education requirements. Failure to meet the progression requirement at the conclusion of a second probationary semester will result in dismissal from the Forensic Science Program.

Forensic science majors may not earn a grade lower than C in any of the required major or Chemistry minor courses. In instances where the student earns a grade of C- or lower the course must be repeated in order to graduate.

Transfer students must complete one-half of their major and one-third of their minor credits at Marian University.

All Forensic Science majors are required to complete an approved internship. The internship provides practical work experience related to the student's career objective. All internships involve planned and supervised on-the-job training with interaction among the student, their major advisor, and a supervisor from the site of the internship. The student may complete the internship on a part-time or full-time basis at the discretion of their selected agency and/or supervisor. Before the student begins their internship, they must consult with their major advisor to review internship requirements and expectations. Prior to the start of the internship, the site must be approved and a learning contract must be completed; in addition, background checks similar to those required for

law enforcement officers are likely to be a condition of your internship and future employment as well. Students are eligible to register for a 1-3 credit internship upon achieving junior status. Specific internship requirements such as number of hours, paperwork, and other assignments may differ depending on the agency and/or division. Students must consult with their major advisor for these details and cannot register for the internship until authorized by their major advisor.

All forensic science majors are required to complete a comprehensive exit examination and interview during the semester prior to graduation. Job placement surveys may also be conducted post-graduation. This requirement applies to students entering Marian University beginning with the fall semester of 2014.

FORENSIC SCIENCE MAJOR

General Education Program: 46–49 credits University requirements. Major satisfies natural sciences and mathematics common core and elective core requirements, laboratory science common core requirement, and social science elective core requirement..

Other requirements

The forensic science major requires completion of a concurrent minor in chemistry, including CHE 201, CHE 251, CHE 202, CHE 252, and CHE 302.

58–63 credits as follows:

50–52 credits:

BIO 101	Biological Principles I, 4 cr.
BIO 102	Biological Principles II, 4 cr.
BIO 301	Genetics & Lab, 4 cr.
CRJ 101	Intro to Criminal Justice System, 3 cr.
CRJ 302	Criminal Procedures, 3 cr.
CRJ 340	Principles of Judicial Practice, 3 cr.
FOS 105	Survey of Forensic Sciences, 1 cr.
FOS 300	Forensic Photography, 3 cr.
FOS 350	Forensic Photography Lab., 1 cr.
FOS 304	Rules of Evidence, 3 cr.
FOS 305	Crime Scene Investigation, 3 cr.
FOS 355	Crime Scene Investigation Lab., 1 cr.
FOS 405	Forensic Sciences, 3 cr.
FOS 455	Forensic Sciences Lab., 1 cr.
FOS 412	Forensic Science Literature and Seminar, 2 cr.
FOS 497	Internship, 1-3 cr.
PHS 203	University Physics I, 5 cr.
PHS 205	University Physics II, 5 cr.

3-4 credits:

MAT 122	Introduction to Probability and Statistics, 4 cr.
MAT 304	Introduction to Mathematical Statistics I, 3 cr.

5–7 credits from the following:

BIO 302	Cell and Molecular Biology, 4 cr.
---------	-----------------------------------

CHE 301	Instrumental Analysis, 4 cr.
CHE 401	Physical Chemistry I, 3 cr.
CHE 451	Physical Chemistry I-Lab, 1 cr.
CHE 402	Physical Chemistry II, 3 cr.
CHE 452	Physical Chemistry II-Lab, 1 cr.
CHE 411	Advanced Organic Chemistry, 3 cr.
FOS 406	Detection & Recovery of Remains, 2 cr.
FOS 407	Bloodstain Pattern Analysis, 2 cr.
FOS 457	Bloodstain Pattern Analysis Lab, 1 cr.
FOS 408	Fingerprint Analysis, 2 cr.
FOS 458	Fingerprint Analysis Lab, 1 cr.
FOS 409	Advanced Forensic Photography, 2 cr.
FOS 459	Advanced Forensic Photography Lab., 1 cr.

Chemistry minor

25 credits:

CHE 101	Principles of Chemistry I, 4 cr.
CHE 102	Principles of Chemistry II, 4 cr.
CHE 201	Organic Chemistry I, 3 cr.
CHE 251	Organic Chemistry I Lab, 1 cr.
CHE 202	Organic Chemistry II, 3 cr.
CHE 252	Organic Chemistry II Lab, 1 cr.
CHE 300	Analytical Chemistry, 4 cr.
CHE 302	Biochemistry, 5 cr.

HISTORY DEPARTMENT (BS)

The History Program is designed to prepare students for careers in any field they choose. The integrated style of the curriculum teaches students to:

1. Identify, analyze and use primary, secondary and tertiary sources.
2. Analyze issues and events from multiple perspectives.
3. Achieve content mastery in World, American and European history.
4. Compare and contrast ideas, societies, events, individual actions, philosophies, beliefs and spiritual traditions across cultures and time.
5. Employ historical logic and historical evidence in written arguments.
6. Identify historical injustices and explore possible alternatives.
7. Analyze strengths and weaknesses of historiographical arguments.
8. Organize, plan and conduct research.

Graduation requirement

The History Department requires that all students must have a C or better in all classes required for the major and minor programs.

BROAD FIELD SOCIAL STUDIES MAJOR (BS)

General Education Program: 46–49 University requirements, including HIS 101 and HIS 102 and BIO 104, are included in the major program.

Other requirements

The middle-secondary education major is required for teaching certification. ECO 201 and BIO 104 meet legislative requirements in environmental science and consumer cooperatives.

56 credits as follows:**19 credits:**

HIS 101	World Civilizations I, 3 cr.
HIS 102	World Civilizations II, 3 cr.
HIS 111	History of the United States to 1877, 3 cr.
HIS 112	History of the United States from 1877, 3 cr.
HIS 214	History of Wisconsin, 3 cr.
HIS 395	History Capstone I, 2 cr.
HIS 495	History Capstone II, 2 cr.

6 credits from the following:

HIS 301	Church History to Reformation, 3 cr.
HIS 302	Church History since the Reformation, 3 cr.
HIS 303	History of England, 3 cr.
HIS 410	19 th Century Europe, 3 cr.
HIS 422	20 th Century Europe, 3 cr.
HIS 440	Controversies in European History, 3 cr.
HIS 450	Seminar in European History, 3 cr.

6 credits from the following:

HIS 314	American Constitutional Development, 3 cr.
HIS 309	Public History, 3 cr.
HIS 408	History of American Foreign Policy, 3 cr.
HIS 415	History of the Recent U.S., 3 cr.
HIS 416	History/Culture of American Indians, 3 cr.
HIS 425	The Civil War Era 1850—1877, 3 cr.
HIS 436	Controversies in American History, 3 cr.
HIS 490	Seminar in American History, 3 cr.

6 credits from the following:

HIS 342	Topics in Ancient History, 3 cr.
HIS 405	History of the Modern Middle East, 3 cr.
HIS 423	History of Latin America, 3 cr.
HIS 426	History of Africa, 3 cr.
HIS 431	History of Monsoon Asia, 3 cr.
HIS 438	Controversies in World History, 3 cr.
HIS 492	Seminar in World History, 3 cr.

Other credits required for teacher licensure**13 credits:**

BIO 104	Environmental Science & Lab, 4 cr.
ECO 201	Macroeconomics, 3 cr.
ECO 202	Microeconomics, 3 cr.
GEO 201	World Regional Geography, 3 cr.

6 credits from the following:

PSY 202	Social Psychology, 3 cr.
PSY 211	Abnormal Psychology, 3 cr.
PSY 341	Cognitive Psychology, 3 cr.

41 credits:

Middle-secondary education major

BROAD FIELD SOCIAL STUDIES MINOR

The broad field social studies minor is designed for students who plan to obtain certification to teach in grades 1–6 or grades 1–9. Coursework includes history and a selection of courses in related social sciences. Students seeking grades 1–9 certification must also student teach in their minor in the middle school.

24 credits as follows:**9 credits:**

GEO 201	World Regional Geography, 3 cr.
HIS 102	World Civilizations II, 3 cr.
HIS 214	History of Wisconsin, 3 cr.

6 history credits at the 300 and 400 level:

HIS 3XX	History elective, 3 cr.
HIS 4XX	History elective, 3 cr.

3 economic electives:

ECO XXX	Economic elective, 3 cr.
---------	--------------------------

3 credits:

SOC 100	Introduction to Sociology, 3 cr.
---------	----------------------------------

3 Psychology or Sociology credits at the 200, 300, or 400 level:

PSY 2XX	Psychology elective, 3 cr.
SOC 2XX	Sociology elective, 3 cr.

HISTORY MAJOR (BS)

General Education Program: 46–49 University requirements. HIS 101 and HIS 102 are included in the major program.

46 credits as follows:**19 credits:**

HIS 101	World Civilizations I, 3 cr.
HIS 102	World Civilizations II, 3 cr.
HIS 111	History of the United States to 1877, 3 cr.
HIS 112	History of the United States from 1877, 3 cr.
HIS 214	History of Wisconsin, 3 cr.
HIS 395	History Capstone I, 2 cr.
HIS 495	History Capstone II, 2 cr.

6 credits from the following:

HIS 301	Church History to Reformation, 3 cr.
HIS 302	Church History since the Reformation, 3 cr.
HIS 303	History of England, 3 cr.
HIS 410	19 th Century Europe, 3 cr.
HIS 422	20 th Century Europe, 3 cr.
HIS 440	Controversies in European History, 3 cr.
HIS 450	Seminar in European History, 3 cr.

6 credits from the following:

HIS 314	American Constitutional Development, 3 cr.
HIS 309	Public History, 3 cr.
HIS 408	History of American Foreign Policy, 3 cr.
HIS 415	Recent American History, 3 cr.
HIS 416	History/Culture of American Indians, 3 cr.
HIS 425	The Civil War Era 1850—1877, 3 cr.
HIS 436	Controversies in American History, 3 cr.
HIS 490	Seminar in American History, 3 cr.

6 credits from the following:

HIS 342	Topics in Ancient History, 3 cr.
HIS 405	History of the Modern Middle East, 3 cr.
HIS 423	History of Latin America, 3 cr.
HIS 426	History of Africa, 3 cr.
HIS 431	History of Monsoon Asia, 3 cr.
HIS 438	Controversies in World History, 3 cr.
HIS 492	Seminar in World History, 3 cr.

For Careers in Public History:

To pursue jobs at museums and other historical attractions and organizations, students should take HIS 309-Public History and complete a minor in one of the following areas: Business Administration, Marketing, Management, Information Technology, Leadership, Public Relations, or Communications.

25-31 credits:

University electives – depending upon history strand

HISTORY MINOR**18 credits as follows:****6 credits:**

HIS 101	World Civilizations I, 3 cr.
HIS 102	World Civilizations II, 3 cr.

6 history elective credits at the 100 or 200 level:

HIS	Electives (100 or 200 level history courses)
-----	--

6 history elective credits at the 300 or 400 level:

HIS	Electives (300 or 400 level history courses)
-----	--

HOMELAND SECURITY DEPARTMENT

Marian's Homeland Security Program offers four options: a major and a minor in homeland security for traditional undergraduate students, an 18-credit undergraduate certificate program for students interested in homeland security leadership, and a degree completion program in homeland security for students who have completed an associate's degree from a technical college. See the Adult Undergraduate Programs at the end of this for more information.

HOMELAND SECURITY MAJOR

General Education Program: 46–49 of University requirements.

36 credits as follows:

COM 215	Introduction to Public Relations, 3 cr.
CRJ 303	Law Enforcement Administration, 3 cr.

HOS 312	Crisis Intervention and Management, 3 cr.
HOS 350	Principles of Professional Practice, 3 cr.
HOS 405	Critical Perspectives of Disaster, 3 cr.
HOS 407	Critical Perspectives of Terrorism, 3 cr.
HSL 201	Introduction to Homeland Security, 3 cr.
HSL 212	Homeland Security Resource Management, 3 cr.
HSL 305	Leadership and Organizational Management, 3 cr.
HSL 313	Emergency Planning, 3 cr.
HSL 350	Administrative Law, 3 cr.
HSL 495	Capstone Project in Homeland Security, 3 cr.

18 credits: University electives with at least 9 credits earned from upper level (300-400) courses from the following (at least 6 credits must be from courses other than military science):

COM 210	Mass and Digital Communication, 3 cr.
COM 232	Public Speaking, 3 cr.
COM 315	Public Relations Writing and Practice, 3 cr.
COM 416	Crisis Communication, 3 cr.
CRJ 101	Intro to the Criminal Justice System, 3 cr.
CRJ 201	Criminal Law, 3 cr.
CRJ 301	Criminal Investigations, 3 cr.
CRJ 302	Criminal Procedures, 3 cr.
CRJ 330	Crime Prevention/Community Safety, 3 cr.
CRJ 401	Police Community Relations, 3 cr.
CRJ 409	HAZMAT and EMS for Police, 3 cr.
HIS 206	History of Terrorism, 3 cr.
HIS 207	History of Crime, 3 cr.
HIS 405	History of the Modern Middle East, 3 cr.
HOS 204	Special Topics, 1–3 cr.
HOS 310	Criminology, 3 cr.
HOS 342	Research Methods, 3 cr.
HOS 394	Homeland Security Field Experience, 1–3 cr.
HOS 404	Special Topics, 1–3 cr.
HOS 414	Independent Study, 1–3 cr.
HOS 420	Race, Gender and Ethnicity, 3 cr.
HOS 494	Homeland Security Field Experience, 1–3 cr.
MSC 110	Leadership and Military Science I, 2 cr.
MSC 120	Leadership and Military Science II, 2 cr.
MSC 210	Basic Leadership and Management I, 2 cr.
MSC 220	Basic Leadership and Management II, 2 cr.
MSC 301	Advanced Leadership and Management I, 4 cr.
MSC 302	Advanced Leadership and Management II, 4 cr.
MSC 401	Applied Leadership and Management I, 4 cr.
MSC 402	Applied Leadership and Management II, 4 cr.
NRS 430	Public Health, 3 cr.
PHI 320	Philosophy of Law, 3 cr.
PSY 101	General Psychology, 3 cr.
PSY 105	Human Development, 3 cr.
PSY 211	Abnormal Psychology, 3 cr.
SRM 201	Introduction to Sport and Recreation Management, 3 cr.
SRM 302	Management of Sport and Recreation Facilities, 3 cr.
SWK 210	Statistical Techniques for Research Data Analysis, 3 cr.
TEC 200	Fundamentals of Information Technology, 3 cr.

17-20 credits:

University electives

HOMELAND SECURITY MINOR**21 credits as follows:****9 credits:**

- HSL 201 Intro to Homeland Security, 3 cr.
 HSL 313 Emergency Planning, 3 cr.
 HOS 405 Critical Perspectives of Disaster, 3 cr.

12 credits from the following:

- COM 210 Mass and Digital Communication, 3 cr.
 COM 215 Introduction to Public Relations, 3 cr.
 COM 232 Public Speaking, 3 cr.
 COM 315 Public Relations Writing and Practice, 3 cr.
 COM 416 Crisis Communication, 3 cr.
 CRJ 201 Criminal Law, 3 cr.
 CRJ 301 Criminal Investigations, 3 cr.
 CRJ 302 Criminal Procedures, 3 cr.
 CRJ 409 HAZMAT and EMS for Police, 3 cr.
 HIS 405 History of the Modern Middle East, 3 cr.
 HOS 310 Criminology, 3 cr.
 HOS 342 Research Methods, 3 cr.
 HOS 350 Principles of Professional Practice, 3 cr.
 HOS 404 Special Topics, 1-3 cr.
 HOS 407 Critical Perspectives of Terrorism, 3 cr.
 HOS 414 Independent Study, 1-3 cr.
 HOS 420 Race, Gender, and Ethnicity, 3 cr.
 HSL 212 Homeland Security Resource Management, 3 cr.
 HSL 350 Administrative Law, 3 cr.
 NRS 430 Population Health Nursing, 5 cr.
 PSY 101 General Psychology, 3 cr.
 PSY 105 Human Development, 3 cr.
 PSY 211 Abnormal Psychology, 3 cr.
 SRM 201 Introduction to Sport and Recreation Management, 3 cr.
 SRM 302 Management of Sport and Recreation Facilities, 3 cr.
 SWK 210 Statistical Techniques for Research Data Analysis, 3 cr.
 TEC 200 Fundamentals of Information Technology, 3 cr.

LEADERSHIP DEPARTMENT

The leadership minor program is interdisciplinary nature and helps students in all majors develop and use their skills and abilities as leaders and followers. Designed to support most majors, students enhance their leadership through exploration of leadership theory along-side courses in communication, organizational dynamics and intercultural development. Drawing from courses within their major, students integrate effective leadership practice through self-awareness, service learning and values-based practice.

LEADERSHIP MINOR**27 credits:****12 credits:**

- LDR 200 Introduction to Leading and Leadership, 3 cr.
 THE/LDR 225 Theology of Leadership, 3 cr.
 LDR 300 Spirituality Integration Seminar, 1 cr.
 LDR 350 Leadership Integration Seminar, 1 cr.
 LDR 400 Values Development in Leadership, 3 cr.
 LDR 450 Leadership Capstone Seminar, 1 cr.

6 credits from the following (Interpersonal Communication):

- COM 322 Argumentation and Persuasion, 3 cr.
 COM 324 Interpersonal Communication, 3 cr.
 COM 334 Discussion & Small Group Interaction, 3 cr.
 COM 410 Listening, 3 cr.
 SWK 111 Interpersonal Skills, 3 cr.

3 credits from the following (Central Organizational Dynamics and Systems Skills):

- COM/MGT 321 Organizational Communication and Behavior, 3 cr.
 CRJ 303 Law Enforcement Administration, 3 cr.
 ESS 350 Organization and Administration of Athletics, 3 cr.
 HSL 305 Leadership and Organizational Management, 3 cr.
 MGT 304 International Organizational Behavior, 3 cr.
 NRS 415 Leadership and Health Care Professions, 3 cr.
 SRM 402 Leadership in Sport and Recreation Management, 3 cr.

3 credits:

- COM 302 Intercultural Communication, 3 cr.

3 credits from the following (Intercultural Development):

- CMG 215 Contemporary Culture, 3 cr.
 CMG 315 Gender and Sexuality in the 21st Century, 3 cr.
 CRJ 420 Race, Gender, and Ethnicity, 3 cr.
 EDU 301 Intercultural Studies for Educators, 3 cr.
 ENG 216 Women's Literature, 3 cr.
 ENG 250 Ethnic Minority Literature, 3 cr.
 ENG 324 Modern and Contemporary World Literature, 3 cr.
 HIS 205 History of Selected Minorities, 3 cr.
 MUS 205 World Musics, 2-3 cr.
 PHI 306 Ethics of Gender, Race, and Class, 3 cr.
 THE 218 World Religions, 3 cr.
 Foreign Language (varies), 3 cr.

Other leadership courses from student's major programs may be substituted with approval from the Leadership Department Chair. The minor in leadership is also available through the Adult and Graduate Studies Program.

LEADERSHIP CERTIFICATE

(This certificate program does not qualify for Federal Financial Aid.)

The leadership certificate helps students shape their own leadership vision based on the core values of Marian University and the principles of transformational and servant leadership. The certificate in leadership incorporates coursework that provides students with a foundation in leadership theory as it is linked to personal spirituality. Service learning is an important element of the leadership seminar courses.

12 credits:

LDR 200	Introduction to Leading and Leadership, 3 cr.
LDR/THE 225	Theology of Leadership, 3 cr.
LDR 300	Spirituality Integration Seminar, 1 cr.
LDR 350	Leadership Integration Seminar, 1 cr.
LDR 400	Values Development in Leadership, 3 cr.
LDR 450	Leadership Capstone Seminar, 1 cr.

MATHEMATICS DEPARTMENT (BS)

The Mathematics Department presents students with an aesthetic view of mathematics as well as the role of mathematics in science, technology, business, and other fields. The variety of courses in introductory mathematics, calculus, geometry, algebra, and probability statistics offers students a wide range of choices to meet their interests. The program provides students with the necessary mathematical knowledge and skills to pursue further study in mathematics and careers in education, business, science, and government. The Mathematics Department's recommendation for students taking their first course in mathematics is made on the basis of the student's ACT score, high school record, University objectives and/or an Accuplacer assessment.

Students desiring state certification to teach mathematics in grades 5–12 take an additional major in middle–secondary education. All mathematics majors must achieve an average GPA of 2.50 in their mathematics courses applicable to the degree (MAT 201 and above) before graduation. Transfer students must complete one-half of their major credits and one-third of their minor credits at Marian University.

The Mathematics Department offers a major in mathematics and minors in mathematics and mathematics education.

General Education Program: 46–49 credits of University requirements. Major and minor satisfy the mathematics core.

MATHEMATICS MAJOR**38 credits as follows:****26 credits:**

MAT 201	Calculus I, 5 cr.
MAT 202	Calculus II, 5 cr.
MAT 212	Introduction to Abstract Mathematics, 3 cr.
MAT 301	Calculus III, 4 cr.

MAT 304	Introduction to Mathematical Statistics I, 3 cr.
MAT 334	Linear Algebra, 3 cr.
MAT 344	Abstract Algebra, 3 cr.

12 credits:

MAT	Electives (must be at the 300 level or above)
-----	---

33–36 credits:

University electives

Mathematics/middle-secondary education double majors must include MAT 314: Modern Geometry, 4 cr., in these electives.

MATHEMATICS MINOR**22 credits as follows:****19 credits:**

MAT 201	Calculus I, 5 cr.
MAT 202	Calculus II, 5 cr.
MAT 212	Introduction to Abstract Mathematics, 3 cr.
MAT 304	Introduction to Mathematical Statistics I, 3 cr.
MAT 334	Linear Algebra, 3 cr.

3 credits:

MAT	Electives (must be at the 300 level or above)
-----	---

MATHEMATICS EDUCATION MINOR**22 credits as follows:****22 credits:**

MAT 122	Introduction to Probability and Statistics, 4 cr.
MAT 150	Mathematics for Elementary School Teachers I, 3 cr.
MAT 151	Mathematics for Elementary School Teachers II, 3 cr.
MAT 201	Calculus I, 5 cr.
MAT 212	Introduction to Abstract Mathematics, 3 cr.
MTE 290	Mathematics for Middle School Teachers, 4 cr.

MUSIC DEPARTMENT (BA)

The Music Department develops students' understanding, perception, and appreciation of music through music performance and courses that develop listening skills, investigate the structure of music, and survey the historical and sociological setting of various styles of music.

Students majoring in music are required to pass a performance proficiency evaluation on their major performing medium (voice or instrument) after four semesters of lessons. The specific requirements for each performing medium may be obtained from the Music Department. A minor in music is also offered. If students do not pass the performance proficiency evaluation on the first attempt, they are required to continue lessons at the fourth semester level (MUS 222, 232, 242, 252, 262, or 272) until ready to attempt the evaluation again. If a

student does not pass the performance proficiency evaluation on the second attempt, he or she will be asked to discontinue the music major. Refer to Music Department Handbook for further explanation of policies and requirements. Students without background in music theory may be required to take MUS 101: Music Fundamentals before taking MUS 211.

MUSIC MAJOR (BA)

All music majors must pass a keyboard proficiency examination.

General Education Program: 46–49 University requirements.

Foreign Language requirement

12 credits or equivalent:

Language requirement for BA

Music courses

42–43 credits as follows:

0 credits:

MUS 010, 020, 030, 040, 050, 060, 070 Concert Attendance, 0 cr.

21 credits:

MUS 211 Music Theory I, 3 cr.
 MUS 212 Music Theory II, 3 cr.
 MUS 301 History and Literature of Music I, 3 cr.
 MUS 302 History and Literature of Music II, 3 cr.
 MUS 303 Music since 1900, 2 cr.
 MUS 311 Music Theory III, 3 cr.
 MUS 312 Music Theory IV, 3 cr.
 MUS 476 Senior Recital, 1 cr.

7 credits from the following: Major instrument/voice

MUS 104
 Beginning Voice Class, 1 cr.
 MUS 121, 122, 221, 222, 321, 322, 421, 422
 Voice, ½–1 cr. per semester
 MUS 131, 132, 231, 232, 331, 332, 431, 432
 Keyboard: Piano and Organ, ½–1 cr. per semester
 MUS 141, 142, 241, 242, 341, 342, 441, 442
 Strings, ½–1 cr. per semester
 MUS 151, 152, 251, 252, 351, 352, 451, 452
 Woodwinds, ½–1 cr. per semester
 MUS 161, 162, 261, 262, 361, 362, 461, 462
 Brass, ½–1 cr. per semester
 MUS 171, 172, 271, 272, 371, 372, 471, 472
 Percussion, ½–1 cr. per semester
 MUS 191, 192, 291, 292, 391, 392, 491, 492
 Music Composition, 1 cr. per semester
 MUS 376
 Junior Recital, ½ cr.

2 credits: Piano (except piano majors)

MUS 111 Beginning Keyboard Class, 1 cr.
 MUS 112 Keyboard Class II, 1 cr.

7 credits:

MUS 107 Women's Chorale, 0–1 cr.
 MUS 130 Collegiate Wind Ensemble, 0–1 cr. per semester
 MUS 140 Chamber Ensemble, 0–1 cr. per semester
 MUS 150 Orchestra, 0–1 cr. per semester
 MUS 170 Jazz Ensemble, 0–1 cr. per semester
 MUS 209 Vocal Jazz Ensemble, 0–1 cr.
 MUS 220 Chamber Singers, 0–1 cr.

5–6 credits from the following:

MUS 202 American Music, 3 cr.
 MUS 203 Jazz Survey, 3 cr.
 MUS 205 World Musics, 2–3 cr.
 MUS 224 Beginning Conducting, 2 cr.
 MUS 226 Choral Conducting, 2 cr.
 MUS 234 Instrumental Conducting, 2 cr.
 MUS 411 Arranging, 1 cr.

20-23 credits:

University electives

MUSIC MINOR

Music minors are required to participate in a music ensemble each of seven semesters, but need to take only four for credit.

20 credits as follows:

0 credits:

MUS 010 Concert Attendance, 0 cr.
 MUS 020 Concert Attendance, 0 cr.
 MUS 030 Concert Attendance, 0 cr.
 MUS 040 Concert Attendance, 0 cr.
 MUS 050 Concert Attendance, 0 cr.
 MUS 060 Concert Attendance, 0 cr.
 MUS 070 Concert Attendance, 0 cr.

6 credits:

MUS 211 Music Theory I, 3 cr.
 MUS 212 Music Theory II, 3 cr.

5–6 credits from the following:

MUS 301 History and Literature of Music I, 3 cr.
 MUS 302 History and Literature of Music II, 3 cr.
 MUS 303 Music Since 1900, 2 cr.

2–3 credits from the following:

MUS 202 American Music, 3 cr.
 MUS 203 Jazz Survey, 3 cr.
 MUS 205 World Musics, 2–3 cr.
 MUS 301 History and Literature of Music I, 3 cr.
 MUS 302 History and Literature of Music II, 3 cr.
 MUS 303 Music Since 1900, 2 cr.

2 credits from the following:

MUS 121, 122, 221, 222, 321, 322, 421, 422
 Voice, ½–1 cr. per semester
 MUS 131, 132, 231, 232, 331, 332, 431, 432
 Keyboard: Piano and Organ, ½–1 cr. per semester

- MUS 141, 142, 241, 242, 341, 342, 441, 442
Strings, ½–1 cr. per semester
- MUS 151, 152, 251, 252, 351, 352, 451, 452
Woodwinds, ½–1 cr. per semester
- MUS 161, 162, 261, 262, 361, 362, 461, 462
Brass, ½–1 cr. per semester
- MUS 171, 172, 271, 272, 371, 372, 471, 472
Percussion, ½–1 cr. per semester
- MUS 191, 192, 291, 292, 391, 392, 491, 492
Music Composition, 1 cr. per semester

4 credits from the following:

- MUS 107 Women's Chorale, 0–1 cr.
- MUS 130 Collegiate Wind Ensemble, 0–1 cr. per semester
- MUS 140 Chamber Ensemble, 0–1 cr. per semester
- MUS 150 Orchestra, 0–1 cr. per semester
- MUS 170 Jazz Ensemble, 0–1 cr. per semester
- MUS 209 Vocal Jazz Ensemble, 0–1 cr.
- MUS 220 Chamber Singers, 0–1 cr.

- PSY 222 Human Sexuality, 3 cr.
- SPA 320 Hispanic Experience in the United States, 3 cr.
- SPA 322 To Be a Woman in Latin America, 3 cr.
- SPA 324 Truth and Memory in Latin America, 3 cr.
- THE 215 The Religious Imagination: Theology and the Arts, 3 cr.

3 Capstone credits from the following:

- CMG 315 Gender and Sexuality in the 21st Century, 3 cr.
- CMG 410 Questions of Culture, 3 cr.
- ENG 402 Literary Criticism, 3 cr.
- PHI 315 The Media and Identity, 3 cr.
- PHI 306 Ethics of Gender, Race and Class, 3 cr.

All options listed under capstone could also count for elective choices, but a single class cannot count as both an elective and the capstone class.

PHILOSOPHY AND CULTURAL STUDIES DEPARTMENT

The Department of Philosophy and Cultural Studies houses two programs: Philosophy and Culture, Media, and Gender Studies. Our programs enable students to deepen their understanding of the world through thoughtful reflection, meaningful dialogue and the application of theory to their personal and social lives. Students develop the ability to question and examine their own deeper assumptions and biases; accept, appreciate, and explore diversity; value and advocate social justice; and become better global citizens.

CULTURAL, MEDIA, AND GENDER STUDIES MINOR

18 credits as follows:**3 credits:**

- CMG 215 Contemporary Culture, 3 cr.

12 credits from the following:

- CMG 204 Special Topics, 1-3 cr.
- CMG 397 Internship, 1-3 cr.
- CMG 414 Independent Study, 1-3 cr.
- CMG 497 Internship, 1-3 cr.
- COM 302 Intercultural Communication, 3 cr.
- ENG 125 Introduction to Film, 3 cr.
- ENG 216 Contemporary Women's Literature: Emerging Voices, 3 cr.
- ENG 217 Evolution of Women's Literature, 3 cr.
- ENG 250 Ethnic Minority Literature, 3 cr.
- ENG 310 African-American Literature, 3 cr.
- FRE 210 The French African Novel, 3 cr.
- FRE 320 French and Francophone Culture and Civilization, 3 cr.
- HIS 209 History of Sex and Abstinence, 3 cr.
- PHI 304 Art and Culture, 3 cr.
- PHI 318 Buddhism and the Mind, 3 cr.

PHILOSOPHY MINOR

18 credits as follows:**3 credits:**

- PHI 132 The Examined Life, 3 cr.

3 credits in "Ethics" from the following:

- PHI 204 Special Topics, 1- 3 cr.
- PHI 212 Contemporary Ethical Issues, 3 cr.
- PHI 220 Bioethics, 3 cr.
- PHI 231 Business Ethics, 3 cr.
- PHI 306 Ethics of Gender, Race and Class, 3 cr.
- PHI 320 Philosophy of Law, 3 cr.

3 credits in "Identity" from the following:

- PHI 305 Philosophy of Love and Friendship, 3 cr.
- PHI 315 The Media and Identity, 3 cr.
- PHI 318 Buddhism and the Mind, 3 cr.
- CMG 315 Gender and Sexuality in the 21st Century, 3 cr.

3 credits in "Social Theory" from the following:

- PHI 304 Art and Culture, 3 cr.
- PHI 312 Existentialism, 3 cr.
- PHI 316 Social and Political Philosophy, 3 cr.
- PHI 324 Philosophy of Food, 3 cr.
- PHI 404 Special Topics, 1-3 cr.

3 elective credits:

- CMG Cultural, Media and Gender Studies elective, 3 cr.
- PHI Philosophy elective, 3 cr.

3 Capstone credits from the following:

- PHI 305 Philosophy of Love and Friendship, 3 cr.
- PHI 306 Ethics of Gender, Race and Class, 3 cr.
- PHI 312 Existentialism, 3 cr.
- PHI 315 The Media and Identity, 3 cr.
- PHI 318 Buddhism and the Mind, 3 cr.
- PHI 324 Philosophy of Food, 3 cr.
- PHI 404 Special Topics, 1-3 cr.

All options listed under capstone could also count for elective choices, but a single class cannot count as both an elective and the capstone class.

PRE-LAW MINOR

Law schools throughout the country accept students from a variety of academic majors. Typically, students who wish to enter a law school need a strong academic background, an above-average GPA, and must meet LSAT standards of the school to which they are applying. Marian students who are interested in a career in law are encouraged to major in their own field of interest and take a specially-designed minor program, which provides a stronger generalist background.

18 credits as follows:

6 credits:

- PHI 320 Philosophy of Law, 3 cr.
 POS 205 American Government, 3 cr.

3 credits from the following:

- HIS 111 History of the United States to 1877, 3 cr.
 HIS 112 History of the United States from 1877, 3 cr.

9 credits from the following:

- BUA 350 Business Law I, 3 cr.
 COM 401 Legal Issues in Communication, 3 cr.
 CRJ 102 Constitutional Law, 3 cr.
 CRJ 201 Criminal Law, 3 cr.
 CRJ 203 Juvenile Law, 3 cr.
 HIS 206 History of Terrorism, 3 cr.
 HIS 207 History of Crime, 3 cr.
 HIS 314 American Constitutional Development, 3 cr.
 HSL 350 Administrative Law, 3 cr.
 MUS 381 Legal Issues in Music, 3 cr.
 PHI 316 Social and Political Philosophy, 3 cr.
 PSY/SWK 422 Law and the Helping Professions, 3 cr.
 SRM 301 Legal Issues in Sport and Recreation Management, 3 cr.

PSYCHOLOGY DEPARTMENT (BS)

The Psychology Program provides a foundation in theory, methodology, and research findings in preparation for graduate school for those students who wish to become professional psychologists. The program prepares students for a variety of careers ranging from working with non-profit agencies to the service fields. The program seeks to give the student an appreciation of the complexity and variability of human functioning, as well as a realization of the role of the many factors that contribute to that functioning. This second goal involves an effort to help the individual grow in understanding of and empathy for both self and others, with the hope that this will lead to a greater fulfillment of human potential.

Psychology majors must achieve an average GPA of 2.5 in their psychology coursework before graduation.

General Education Program: 46–49 University requirements, including: PSY 101; PSY 105; and COM 101 or COM 232.

PSYCHOLOGY MAJOR

36 credits as follows:

21 credits:

- PSY 101 General Psychology, 3 cr.
 PSY 105 Human Development, 3 cr.
 PSY 210/SWK 210/CRJ 214 Statistical Techniques for Research Data Analysis, 3 cr.
 PSY 211 Abnormal Psychology, 3 cr.
 PSY 311 History and Systems of Psychology, 3 cr.
 PSY 342 Experimental Psychology, 3 cr.
 or
 SWK 352/HOS 342 Research Methods, 3 cr.
 or
 NRS 335 Research in Health Care, 3 cr.
 PSY 402 Senior Seminar in Psychology, 3 cr.
 or
 NRS 470 Senior Capstone, 4 cr.

15 credits:

- PSY *Electives

28–31 credits:

University electives

PSYCHOLOGY MINOR

21 credits as follows:

9 credits:

- PSY 101 General Psychology, 3 cr.
 PSY 105 Human Development, 3 cr.
 PSY 211 Abnormal Psychology, 3 cr.

12 credits:

- PSY *Electives, 12 cr.

* MAT 122: Introduction to Probability and Statistics is accepted as an elective toward the psychology major or minor.

THEOLOGY DEPARTMENT (BA)

Through the heritage of the Catholic tradition and by being open to diverse religious viewpoints, the Theology Department engages the whole person in developing a personal faith perspective regarding ultimate reality. The exact coursework and/or plan of study will be determined by a student in conjunction with his or her theology advisor and theology department faculty.

THEOLOGY MINOR

16 credits as follows:

3 credits:

- THE 100 Introduction to Christian Theology, 3 cr.

6 credits:

- THE Electives (must be at the 200 level or above)

6 credits:

THE Electives (must be at the 300 level or above)

1 credits:

THE 495 Theology Capstone, 1 cr.

**ADULT UNDERGRADUATE PROGRAMS
(ACCELERATED/EVENING/ONLINE PROGRAMS)**

The accelerated adult undergraduate programs are dedicated to the continued professional and personal growth of the adult learner, incorporating professional education with a rich liberal arts foundation. The accelerated adult undergraduate programs, offered online and in the classrooms at the Fond du Lac Campus and at many other locations throughout the state, provide for continued personal and professional growth of the nontraditional adult learners, and are aligned with the changing needs of communities and organizations in the global workplace. These programs are sometimes internally referred to as “Adult Undergraduate” programs.

Accelerated Undergraduate Degrees:**Bachelor’s Degrees**

- Bachelor of Criminal Justice (BCJ)
- Bachelor of Interdisciplinary Studies (BIS)
- Bachelor of Organizational Communication (BOC)
- Bachelor of Science (BS)
Major: Homeland Security

Accelerated Undergraduate Certificates:

- Homeland Security Leadership
- Leadership

Admission

Refer to the Admission section of the Academic Bulletin for details about admission.

CRIMINAL JUSTICE PROGRAM

The Criminal Justice Program prepares students in law enforcement, probation and parole, corrections, pre-law, and an assortment of human services in both the public and private sector. This program is also suitable for incumbent practitioners in criminal justice fields who seek to professionalize themselves with a bachelor’s degree for career advancement purposes.

Credit may be awarded for prior certified training, especially in law enforcement and corrections. In addition, through agreements with Wisconsin state technical colleges, Marian allows transfer students to apply their associate degrees in police science, corrections, and probation and parole toward a bachelor’s degree.

Student majoring in criminal justice may not earn a grade lower than C– in any course in the criminal justice core, or criminal justice electives. In instances where the student earns a grade of D+ or lower in any of these courses, the course must be repeated in order to meet the graduation requirements.

CRIMINAL JUSTICE MAJOR**Liberal arts core****45 credits:**

ENG 230	Professional Composition and Research Writing, 3 cr.
ART XXX	Art elective, 3 cr.
MUS XXX	Music elective, 3 cr.
ENG XXX	Literature elective, 3 cr.
BIO XXX	Biological, ecological or environmental science elective, 3 cr.
PHS XXX	Physical science, chemistry, or physics elective, 3 cr.
MAT XXX	Mathematics elective, 3 cr.
SOC XXX	Sociology elective, 3 cr.
PSY XXX	General Psychology or Human Development, 3 cr.
HIS 114	World History since 1900, 3 cr.
HIS 2XX	History elective, 3 cr.
THE 101	Introduction to Christian Theology, 3 cr.
THE 2XX	Theology elective, 3 cr.
PHI 132	The Examined Life, 3 cr.
PHI 2XX	Philosophy elective, 3 cr.

Criminal justice core**36 credits:**

CRJ 101	Introduction to the Criminal Justice System, 3 cr.
CRJ 102	Constitutional Law, 3 cr.
CRJ 201	Criminal Law, 3 cr.
CRJ 203	Juvenile Law, 3 cr.
CRJ 220	Critical Issues in Criminal Justice, 3 cr.
CRJ 301	Criminal Investigation, 3 cr.
CRJ 303	Law Enforcement Administration, 3 cr.
CRJ/HOS 310	Criminology, 3 cr.
CRJ/HOS 312	Crisis Intervention and Management, 3 cr.
CRJ 325	Corrections, 3 cr.
CRJ 400	Criminal Justice Seminar, 3 cr.
CRJ 420	Race, Gender, and Ethnicity, 3 cr.

15 credits of electives from the following:

CRJ 306	Understanding Gang Formation and Behavior, 3 cr.
CRJ 307	Crimes Against Children, 3 cr.
CRJ 330	Crime Prevention and Community Safety, 3 cr.
CRJ/HOS 350	Principles of Professional Practice Topics, 3 cr.
CRJ 403	Traffic/Patrol Procedures, 3 cr.
CRJ 404	Criminal Justice – Special Topics, 1-3 cr.
CRJ 409	HAZMAT/EMS for Police Officers, 3 cr.
CRJ/HOS 420	Race, Gender, and Ethnicity in Criminal Justice, 3 cr.
HOS 405	Critical Perspectives of Disasters, 3 cr.
HOS 407	Critical Perspectives of Terrorism, 3 cr.
HSL 201	Introduction to Homeland Security, 3 cr.
HSL 305	Leadership and Organizational Management, 3 cr.
HSL 313	Emergency Planning, 3 cr.

HSL 350	Administrative Law, 3 cr.
HSL 495	Capstone Project in Homeland Security, 3 cr.
PSY 211	Abnormal Psychology, 3 cr.

24 credits:

University electives

HOMELAND SECURITY MAJOR**Liberal arts core****49 credits:**

GEN 101	First Year Seminar, 3 cr.
MAT XXX	Mathematics elective, 3 cr.
BIO/PHS XXX	Lab Science elective, 4 cr. Natural Science and Mathematics elective, 3 cr.
PHI 132	The Examined Life, 3 cr.
ENG XXX	Literature elective, 3 cr.
ART XXX	Art elective, 3 cr.
or	
MUS XXX XXX	Music elective, 3 cr. Humanities and the Arts elective, 3 cr.
HIS 101	World Civilizations I, 3 cr.
or	
HIS 102	World Civilizations II, 3 cr.
PSY 105	Human Development, 3 cr.
SOC 100	Introduction to Sociology, 3 cr.
ENG 105	Expository Writing, 3 cr.
ENG 106 XXX	Argumentative and Research Writing, 3 cr. Applied Liberal Arts elective, 3 cr.
THE 101	Introduction to Christian Theology, 3 cr.
THE 2XX	Theology elective, 3 cr.

36 credits as follows:

COM 215	Introduction to Public Relations, 3 cr.
CRJ 303	Law Enforcement Administration, 3 cr.
HOS 312	Crisis Intervention and Management, 3 cr.
HOS 350	Principles of Professional Practice, 3 cr.
HOS 405	Critical Perspectives of Disaster, 3 cr.
HOS 407	Critical Perspectives of Terrorism, 3 cr.
HSL 201	Introduction to Homeland Security, 3 cr.
HSL 212	Homeland Security Resource Management, 3 cr.
HSL 305	Leadership and Organizational Management, 3 cr.
HSL 313	Emergency Planning, 3 cr.
HSL 350	Administrative Law, 3 cr.
HSL 495	Capstone Project in Homeland Security, 3 cr.

18 credits: University electives with at least 9 credits earned from upper level (300-400) courses from the following (at least 6 credits must be from courses other than military science):

CRJ 101	Intro to the Criminal Justice System, 3 cr.
CRJ 330	Crime Prevention/Community Safety, 3 cr.
CRJ 401	Police Community Relations, 3 cr.
HIS 206	History of Terrorism, 3 cr.
HIS 207	History of Crime, 3 cr.

HOS 204	Special Topics, 1–3 cr.
HOS 310	Criminology, 3 cr.
HOS 342	Research Methods, 3 cr.
HOS 394	Homeland Security Field Experience, 1–3 cr.
HOS 404	Special Topics, 1–3 cr.
HOS 414	Independent Study, 1–3 cr.
HOS 420	Race, Gender and Ethnicity, 3 cr.
HOS 494	Homeland Security Field Experience, 1–3 cr.
MSC 110	Leadership and Military Science I, 2 cr.
MSC 120	Leadership and Military Science II, 2 cr.
MSC 210	Basic Leadership and Management I, 2 cr.
MSC 220	Basic Leadership and Management II, 2 cr.
MSC 301	Advanced Leadership and Management I, 4 cr.
MSC 302	Advanced Leadership and Management II, 4 cr.
MSC 401	Applied Leadership and Management I, 4 cr.
MSC 402	Applied Leadership and Management II, 4 cr.
PHI 320	Philosophy of Law, 3 cr.
SWK 210	Statistical Techniques for Research Data Analysis, 3 cr.

17-20 credits:

University electives

UNDERGRADUATE CERTIFICATE PROGRAM**HOMELAND SECURITY LEADERSHIP CERTIFICATE**

(This certificate program does not qualify for Federal Financial Aid)

18 credits:

HSL 201	Introduction to Homeland Security, 3 cr.
HSL 212	Homeland Security Resource Management, 3 cr.
HSL 305	Leadership and Organizational Management, 3 cr.
HSL 313	Emergency Planning, 3 cr.
HSL 350	Administrative Law, 3 cr.
HSL 495	Capstone in Homeland Security, 3 cr.

INTERDISCIPLINARY STUDIES PROGRAM

The interdisciplinary studies degree programs are designed for students who have completed an approved associate degree in a technical or professional area at a community or technical college that holds institutional accreditation by one of the major regional accrediting agencies and whose primary career focus is related to their associate degree area.

INTERDISCIPLINARY STUDIES MAJOR**Liberal arts core****39 credits as follows:****33 credits:**

ENG 230	Professional Composition and Research Writing, 3 cr.
ART XXX	Art elective, 3 cr.
MUS XXX	Music elective, 3 cr.
ENG XXX	Literature elective, 3 cr.

BIO XXX	Biological, ecological, or environmental science elective, 3 cr.
PHS XXX	Physical science, chemistry, meteorology, or physics elective, 3 cr.
MAT XXX	Mathematics elective, 3 cr.
HIS 114	World History since 1900, 3 cr.
HIS 2XX	History elective, 3 cr.
THE XXX	Theology elective, 3 cr.
PHI XXX	Philosophy elective, 3 cr.

3 credits from the following:

PSY XXX	Psychology elective, 3 cr.
SOC XXX	Sociology elective, 3 cr.

3 credits from the following:

PHI 2XX	Philosophy elective, 3 cr.
THE 2XX	Theology elective, 3 cr.

60–68 credits:

Associate degree from an approved accredited institution

Interdisciplinary studies core**6 credits:**

IDS 201	Aesthetics, Values, and Culture I, 3 cr.
or	
IDS 202	Aesthetics, Values, and Culture II, 3 cr.
IDS 400	Senior Seminar in Interdisciplinary Studies, 3 cr.

30 credits:

Must be chosen from at least 3 established program areas within art, history, literature, mathematics, music, natural science, philosophy, psychology, theology, or specified minors of business administration, communication, history, information technology, leadership, management, or marketing (exceptions may be made on an individual basis), with a minimum of 18 credits at the 300 or 400 level.

ORGANIZATIONAL COMMUNICATION PROGRAM

The Organizational Communication Program prepares students for the creation, support, and restoration of communication structures, networks, and the flow of communication in organizations. The program provides a solid foundation in effective communication skills, combined with communication theories and principles. Students explore intercultural communication and ethical issues in communication as key elements of the major.

Communication majors and minors may not earn a grade lower than C– in any communication course. In instances where the student earns a grade of D+ or lower, the course must be repeated in order to graduate.

ORGANIZATIONAL COMMUNICATION MAJOR**Liberal arts core****45 credits:**

ENG 230	Professional Composition and Research Writing, 3 cr.
MUS XXX	Music elective, 3 cr.
ENG XXX	Literature elective, 3 cr.
ART XXX	Art elective, 3 cr. (<i>ART 201 preferred</i>)
BIO XXX	Ecological or environmental science elective, 3 cr.
PHS XXX	Physical science, chemistry, meteorology, or physics elective, 3 cr.
MAT XXX	Mathematics elective, 3 cr.
SOC XXX	Sociology elective, 3 cr.
PSY XXX	Psychology elective, 3 cr.
HIS 114	World History since 1900, 3 cr.
HIS 2XX	History elective, 3 cr.
THE 101	Introduction to Christian Theology, 3 cr.
THE 2XX	Theology elective, 3 cr.
PHI 132	The Examined Life, 3 cr.
PHI 2XX	Philosophy elective, 3 cr.

Required major courses**18 credits:**

COM 100	Introduction to Communication, 3 cr.
COM 202	Writing for Media, 3 cr.
COM 232	Public Speaking, 3 cr.
COM 302	Intercultural Communication, 3 cr.
COM 401	Legal Issues in Communication, 3 cr.
COM 406	Organizational Communication Senior Project, 3 cr.

Emphasis area**18 credits:**

COM 321	Organizational Behavior and Communication, 3 cr.
COM 322	Argumentation and Persuasion, 3 cr.
COM 324	Interpersonal Communication, 3 cr.
COM 334	Discussion and Small Group Interaction, 3 cr.
COM 400	Theories in Communication, 3 cr.
COM 420	Professional Presentations, 3 cr.
or	
COM 431	Training and Assessment in Communication, 3 cr.

6 elective credits (3 credits must be communication and 300/400 level):

COM 3XX	Communication elective, 3 cr.
COM 4XX	Communication elective, 3 cr.

One of the following may be taken as an elective:

MGT 213	Principles of Management, 3 cr.
MGT 311	Human Resource Management, 3 cr.
MKT 201	Principles of Marketing, 3 cr.

33 credits:

University electives

COMMUNICATION MINOR**18 credits as follows:****12 credits:**

- COM 100 Introduction to Communications, 3 cr.
or
COM 101 Fundamentals of Communication, 3 cr.
COM 202 Writing for Media, 3 cr.
COM 232 Public Speaking, 3 cr.
COM 302 Intercultural Communication, 3 cr.

6 credits:

- COM Communication electives (3 of the 6 credits must be taken at the 300 level or above)

HISTORY MINOR**18 credits as follows:****3 credits:**

- HIS 114 World History since 1900, 3 cr.

15 credits:

- HIS History electives, 15 cr.

LEADERSHIP MINOR**27 credits:****12 credits:**

- LDR 200 Introduction to Leading and Leadership, 3 cr.
THE/LDR 225 Theology of Leadership, 3 cr.
LDR 300 Spirituality Integration Seminar, 1 cr.
LDR 350 Leadership Integration Seminar, 1 cr.
LDR 400 Values Development in Leadership, 3 cr.
LDR 450 Leadership Capstone Seminar, 1 cr.

6 credits from the following (Interpersonal Communication):

- COM 322 Argumentation and Persuasion, 3 cr.
COM 324 Interpersonal Communication, 3 cr.
COM 334 Discussion & Small Group Interaction, 3 cr.
COM 410 Listening, 3 cr.
SWK 111 Interpersonal Skills, 3 cr.

3 credits from the following (Central Organizational Dynamics and Systems Skills):

- COM/MGT 321 Organizational Communication and Behavior, 3 cr.
CRJ 303 Law Enforcement Administration, 3 cr.
ESS 350 Organization and Administration of Athletics, 3 cr.
HSL 305 Leadership and Organizational Management, 3 cr.
MGT 304 International Organizational Behavior, 3 cr.
NRS 415 Leadership and Health Care Professions, 3 cr.
SRM 402 Leadership in Sport and Recreation Management, 3 cr.

3 credits:

- COM 302 Intercultural Communication, 3 cr.

3 credits from the following (Intercultural Development):

- CMG 215 Contemporary Culture, 3 cr.
CMG 315 Gender and Sexuality in the 21st Century, 3 cr.
CRJ 420 Race, Gender, and Ethnicity, 3 cr.
EDU 301 Intercultural Studies for Educators, 3 cr.
ENG 216 Women's Literature, 3 cr.
ENG 250 Ethnic Minority Literature, 3 cr.
ENG 324 Modern and Contemporary World Literature, 3 cr.
HIS 205 History of Selected Minorities, 3 cr.
MUS 205 World Musics, 2–3 cr.
PHI 306 Ethics of Gender, Race, and Class, 3 cr.
THE 218 World Religions, 3 cr.
Foreign Language (varies), 3 cr.

Other leadership courses from student's major programs may be substituted with approval from the Leadership Department Chair.

UNDERGRADUATE CERTIFICATE PROGRAM**LEADERSHIP CERTIFICATE**

(This certificate program does not qualify for Federal Financial Aid)

The undergraduate certificate in leadership helps students shape their own leadership vision based on the core values of Marian University and the principles of transformational and servant leadership. The certificate in leadership incorporates nine credits of coursework which provides students with a foundation in leadership theory as it is linked to personal spirituality. Students integrate their own leadership experiences with the fundamentals of transformational leadership. Service learning is an important element of the leadership seminar courses.

12 credits:

- LDR 200 Introduction to Leading and Leadership, 3 cr.
LDR/THE 225 Theology of Leadership, 3 cr.
LDR 300 Spirituality Integration Seminar, 1 cr.
LDR 350 Leadership Integration Seminar, 1 cr.
LDR 400 Values Development in Leadership, 3 cr.
LDR 450 Leadership Capstone Seminar, 1 cr.

SCHOOL OF BUSINESS

Jeffrey G. Reed, Ph.D., Dean

Regina Hall, room 228
920.923.8139

Mission Statement

The Mission of the School of Business (SBus) is to educate students for professional roles in rapidly changing global environments through pragmatically oriented programs that promote critical thinking and ethical values.

Business Programs

Traditional undergraduate programs offered in the School of Business lead to a Bachelor of Business Administration degree (BBA). The objective of these programs is to prepare students to actively participate in society and culture, and to respond intelligently, creatively, and humanely to the dynamic demands of the modern business environment. Students are encouraged to develop a sense of their own worth, an understanding of others, and a commitment to their own responsibilities as future business leaders. Emphasis is placed upon career orientation within the context of an applied liberal arts background.

Each business program consists of the General Education Program, a core of business courses, and a major concentration. Majors are offered in accounting, finance, health care administration, management, management information systems, marketing, and sport and recreation management.

The choice of a business minor provides students with the opportunity to do study in a single business discipline, to enhance their general education and to complement the concentration of their major field. Students plan their programs in consultation with their academic advisor. Minors are offered in accounting, business administration, finance, information technology, management, marketing, and sport and recreation management.

A business field experience is required of all students majoring in a business program. Required field experience courses are listed within each business major program.

For the continuing student already in the business world, the School of Business offers degree completion programs through Adult and Graduate Studies (AGS). Majors include business administration, finance, general management, health care administration, human resources management, marketing, and operations and supply chain management, which lead to a Bachelor of Business Administration degree (BBA). Business minors are also offered in information technology, management, and marketing. For adult undergraduate students not majoring in a business program, a minor is available in business administration.

For students interested in a graduate business program with an accelerated format, see the Master of Science in (MS) in Organizational Leadership in the Graduate Studies academic bulletin.

Accreditation

Marian University has received specialized accreditation for its business programs from the following organization at the undergraduate and graduate levels:

International Assembly for Collegiate Business Education (IACBE)

11374 Strang Line Road
Lenexa, Kansas 66215, USA

Tel: +1 913 631 3009

www.iacbe.org

The business programs in the following degrees are accredited by the IACBE:

- Bachelor of Business Administration (BBA) with majors in Accounting, Finance, Health Care Administration, Management, Management Information Systems, Marketing, Sport & Recreation Management.
- Bachelor of Business Administration (BBA) in AGS with majors in Business Administration, General Management, Health Care Administration, Human Resource Management, Marketing, Operations and Supply Chain Management.
- Master of Science with concentration in Organizational Leadership

Academic standards

General admission criteria

The institution obtains and maintains information relative to candidates applying for admission to the School of Business. The information maintained includes high school transcripts, ranks in high school graduating class, high school GPAs, scores on standardized tests such as the ACT and SAT, any previous transcripts, and the GPA and class rank at admission to the School of Business. Students receiving a business degree from the School of Business must earn at least 50% of their required business credits at Marian.

Re-admission criteria

If a student has not maintained continuous enrollment at Marian University, formal application to the University must be made. The program requirements and academic standards that were effective upon initial enrollment in the School of Business are applicable only if the student is readmitted after an absence of only one semester. For non-enrollment of two or more continuous semesters, current program requirements and academic standards are applicable. Probationary status and academic standards continue upon re-admission.

Criteria for undergraduate business students

A student who meets Marian University admission standards

and who declares a business major must comply with the following standards at each class level:

Freshman criteria (*for students with at least 30 credits completed*)

Students should have completed the following with a minimum grade of C:

- ENG 101 or ENG 105

Students must maintain a cumulative GPA of at least 2.00

Sophomore criteria (*for students with at least 60 credits completed*)

Students should have completed the following with a minimum grade of C:

- ENG 151 or ENG 106
- MAT 111 or MAT 130 or MAT 132
- BUA 210
- Science lab(s)

Students must maintain a cumulative GPA of at least 2.00

Junior and senior criterion (*for students with at least 80 credits completed*)

Students must maintain a cumulative GPA of at least 2.00

Failure to meet criteria

Any business student failing to meet these criteria is placed on probation. During the first semester of probation, students may continue taking business courses. If the student has failed to meet the criteria after one semester on probation, that student may only retake deficient classes and general education requirements.

Graduation requirements

A business student is not allowed to graduate with a D+ or lower grade in any business course. If such a grade is recorded, the course must be retaken and a grade of C– or above must be achieved. All business students are required to take a comprehensive exit examination during the semester prior to graduation. Students pursuing more than one major in the business program must complete at least 15 credits of unique courses to count in each major. Students pursuing a minor must complete at least 9 credits of courses unique to the minor.

Internship experience

The internship provides practical work experience related to the student's career objective. All internships involve planned and supervised on-the-job training with interaction among the student, a faculty advisor, and a supervisor from the site of the internship. The student may complete the internship on a part- or full-time basis. Before the student begins their internship, they must consult with the internship coordinator in their respective discipline to review requirements and expectations.

Prior to the start of the internship, the site must be approved and a learning contract and supervisor agreement must be

completed. Students are eligible to register for a 0–3 credit internship upon achieving junior status. Specific internship requirements such as number of hours, paperwork, and other assignments may differ depending on major. Students must consult with the program director and internship coordinator for these details and cannot register for the internship until authorized by the internship coordinator. Business students are required to complete a minimum of one internship experience regardless of the number of declared majors.

TRADITIONAL PROGRAMS

BUSINESS REQUIREMENTS

General Education Program: 46–49 University requirements, including PHI 231; ECO 201; MAT 130 or MAT 201. TEC 102 is highly recommended.

Business programs core

34 credits as follows:

31 credits:

ACC 201	Financial Accounting, 3 cr.
BUA 203	Career Preparation, 1 cr.
BUA 210	Statistical Techniques for Research Data Analysis, 3 cr.
BUA 310	International Business, 3 cr.
BUA 350	Business Law, 3 cr.
BUA 402	Strategy and Policy, 3 cr.
ECO 202	Microeconomics, 3 cr.
FIN 301	Managerial Finance, 3 cr.
MGT 213	Principles of Management, 3 cr.
MKT 201	Principles of Marketing, 3 cr.
TEC 200	Fundamentals of Information Technology, 3 cr.

3 credits from the following:

ENG 222	Business Communications, 3 cr.
COM 101	Fundamentals of Communication, 3 cr.
COM 232	Public Speaking, 3 cr.

Major requirements

See requirements for majors in accounting, finance, health care administration, management information systems, management, marketing, and sport and recreation management.

Minor requirements

See requirements for minors in accounting, business administration, finance, information technology, management, marketing, and sport and recreation management.

ACCOUNTING PROGRAM (BBA)

The Accounting Program educates students to become successful accountants. Success and advancement in the accounting profession requires a well-rounded education. Today's accountant must have an understanding of all aspects of the business organization and its effects on society, as well as a technical proficiency in his or her own specialty. Firmly grounded in the liberal arts tradition, accounting majors possess the analytical, communication, and managerial skills necessary for leadership, not only within the business community, but also in the economic and social environment in which all business must function.

As a requirement for graduation, all students complete a field experience. With the assistance of the work site coordinator and a faculty advisor, students obtain work experience in their choice of accounting areas. Also integrated into the accounting program and business curriculum are opportunities for service learning, providing avenues for the application of classroom theory and skills in connection with service to the community. Students leave the program fully qualified to sit for the CPA and CMA exams in all 50 states.*

The content of accounting courses takes into account the increased responsibility in the profession and incorporates cases from real life situations. Accountants' ethical and legal responsibilities are given utmost importance.

The BBA degree in Accounting is available for the student interested in a role in corporate accounting or some other area where public accounting credentials (e.g., CPA, CMA) are not required.

ACCOUNTING MAJOR

34 credits: Business programs core

18 credits:

ACC 306	Managerial Accounting, 3 cr.
ACC 310	Intermediate Financial Accounting I, 3 cr.
ACC 311	Intermediate Financial Accounting II, 3 cr.
ACC 331	Income Tax I, 3 cr.
ACC 422	Auditing, 3 cr.
ACC 431	Advanced Cost Accounting, 3 cr.

0–3 credits:

ACC 397	Accounting – Internship, 0 cr.
ACC 497	Accounting – Internship, 1 - 3 crs.

Elective credits (recommended, not required):

ACC 312	Advanced Accounting, 3 cr.
ACC 332	Income Tax II, 3 cr.

16-23 credits:

University electives

* CPA Option: All of the above would be required and completion of 150 credits from any discipline.

ACCOUNTING MINOR

15–18 credits:

9–12 credits:

BUA 101*	Introduction to Business, 3 cr.
ACC 201	Financial Accounting, 3 cr.
ACC 331	Income Tax I, 3 cr.
FIN 205	Personal Finance, 3 cr.

6 credits from the following:

ACC 306	Managerial Accounting, 3 cr.
ACC 308	Accounting Software, 3 cr.
ACC 332	Income Tax II, 3 cr.
ACC 404	Special Topics, 1–3 cr.
FIN 301	Managerial Finance, 3 cr.
TEC 102	Computer Software Applications, 3 cr.

*BUA 101 is required for students not pursuing a business major; it is not required for students completing the business core.

BUSINESS ADMINISTRATION PROGRAM (BBA)

Business administration is designed as a flexible program to provide a broad-based business education. It is designed for students who seek careers with business organizations where there is a need for learning in a number of areas of business study. The program allows students the flexibility in selecting courses in one of several tracks – General Business, Human Resources, or Organizational Supervision. The business administration major requirements are in addition to the General Education Program and the Business Programs Core.

BUSINESS ADMINISTRATION MAJOR

34 credits: Business programs core

6-9 credits as follows:

12 credits:

MGT 301	Operations Management, 3 cr
TEC 403	Advanced Computer Applications for Business, 3 cr.
BUA 397	Internship, 0 cr.
OR	
BUA 497	Internship, 1-3 cr.

12 credits from at least one of the following tracks:

General Business Track

FIN 400	Investments, 3 cr.
MGT 311	Human Resource Management, 3 cr.
MKT 302	Advertising, 3 cr.

3 credits from one of the following:

BUA 405	Readings in Contemporary Business Issues, 3 cr.
MGT 325	Supervision, 3 cr.
MGT 408	Leadership in Ethical Organizations, 3 cr.
TEC 314	E-Business and Digital Technologies, 3 cr.
XXX 404	Special Topics, 3 cr.

Human Resources Track

- MGT 311 Human Resource Management, 3 cr.
 MGT 426 Safety Health and Wellness, 3 cr.
 MGT 412 Human Resource Planning, Recruitment, and Selection, 3 cr.

3 credits from one of the following:

- BUA 405 Readings in Contemporary Business Issues, 3 cr.
 MGT 325 Supervision, 3 cr.
 MGT 304 International Organizational Behavior, 3 cr.
 MGT 408 Leadership in Ethical Organizations, 3 cr.
 XXX 404 Special Topics, 3 cr.

Organizational Supervision Track

- MGT 304 International Organizational Behavior, 3 cr.
 MGT 325 Supervision, 3 cr.
 MGT 408 Leadership in Ethical Organizations, 3 cr.

3 credits from one of the following:

- BUA 405 Readings in Contemporary Business Issues, 3 cr.
 MGT 311 Human Resource Management, 3 cr.
 MGT 426 Safety Health and Wellness, 3 cr.
 TEC 310 Database Management, 3 cr.
 XXX 404 Special Topics, 3 cr.

16-22 credits:

University electives

**BUSINESS ADMINISTRATION MINOR
(non-business majors only)**

Non-business majors completing the following courses earn a minor in business administration. Students completing this minor and two additional upper-level courses in another business area earn a minor in business administration with the respective emphasis. The additional courses are dictated by the directors within the respective program.

18 credits:

- ACC 201 Financial Accounting, 3 cr.
 BUA 350 Business Law, 3 cr.
 ECO 201 Macroeconomics, 3 cr.
 MGT 213 Principles of Management, 3 cr.
 MKT 201 Principles of Marketing, 3 cr.
 TEC 200 Fundamentals of Information Technology, 3 cr.

FINANCE PROGRAM (BBA)

The Finance Program provides business students with a solid analytical grounding and quantitative skills to clearly frame the complex financial and economic factors at work in the increasingly global business environment. The curriculum covers domestic and international finance, investments, risk management, real estate, valuation, forecasting, and the application of the tools of financial analysis in decision making to bridge theory and practice. Real-world applications and the intuitive interpretation and communication of results are emphasized.

The program leads to career opportunities in such fields as banking, insurance, brokerage, and credit, both in private and government financial institutions. The major prepares students to succeed in law school, an MBA program, or other graduate programs.

FINANCE MAJOR

34 Credits: Business programs core

21-24 credits as follows:*9 credits:**

- ACC 306 Managerial Accounting, 3 cr.
 FIN 303 Money and Banking, 3 cr.
 FIN 400 Investments, 3 cr.

0-3 credits:

- FIN 397 Internship, 0 cr.
 FIN 497 Internship, 1-3 cr.

12 credits from the following:

(at least 2 courses in finance must be taken)

- ACC 310 Intermediate Financial Accounting I, 3 cr.
 ACC 331 Income Tax I, 3 cr.
 ACC 332 Income Tax II, 3 cr.
 FIN 205 Personal Finance, 3 cr.
 FIN 401 Global Finance, 3 cr.
 FIN 404 Special Topics in Finance, 1-3 cr.
 FIN/TEC 403 Advanced Computer Applications for Business, 3 cr.

16-19 credits:

University electives

**Finance majors must also complete ECO 201 which may satisfy an elective General Education Social Science requirement.*

**FINANCE MINOR
(business majors only)****15 credits as follows:****6 credits:**

- FIN 303 Money and Banking, 3 cr.
 FIN 400 Investments, 3 cr.

9 credits from the following:

(at least one finance course must be taken)

- ACC 310 Intermediate Financial Accounting I, 3 cr.
 ACC 331 Income Tax I, 3 cr.
 ACC 332 Income Tax II, 3 cr.
 FIN 205 Personal Finance, 3 cr.
 FIN 304 Financial Planning, Forecasting and Decision-Making, 3 cr.
 FIN 397 Internship, 0-3 cr.
 FIN 401 Global Finance, 3 cr.
 FIN 403 Advanced Computer Applications for Business, 3 cr.

- FIN 404 Special Topics in Finance, 1-3 cr.
 FIN 497 Internship, 1-3 cr.

- 8-14 credits:**
 University electives

HEALTH CARE ADMINISTRATION PROGRAM (BBA)

The Health Care Administration (HCA) Program provides preparation for the entry-level professional in an expanding and increasingly complex health care system. The program recognizes the growing need for individuals who are prepared to administer health care enterprises in a time of change.

The HCA program provides students with the skills and knowledge to understand and operate within the business area of health care, including medical staff relations, patient care services, finance, human resources, information technology, and planning and development.

The program builds upon Marian's values-based Liberal Arts Core Curriculum and merges a broad-based education in business and a focused education within a functional area of business with the specialized education of health care administration.

HEALTH CARE ADMINISTRATION MAJOR

34 Credits: Business programs core

26-29 credits as follows:

20 credits:

- BIO 220 Introduction to Medical Terminology, 2 cr.
 HCA 201 Introduction to Health Care Administration, 3 cr.
 HCA 415 Health Care Information Systems, 3 cr.
 HCA 421 Financial and Economic Aspects of Health Care, 3 cr.
 HCA 431 Health Care Management and Policy, 3 cr.
 MGT 408 Leadership in Ethical Organizations, 3 cr.
 MGT 330 Supply Chain Management, 3 cr.

0-3 credits:

- HCA 397 Health Care Internship, 0 cr.
 HCA 497 Health Care Internship, 1-3 cr.

6 credits from the following:

- BUA 404 Special Topics, 1-3 crs.
 BUA 405 Readings in Contemporary Business Issues, 3 cr.
 MGT 311 Human Resource Management, 3 cr.
 MGT 304 International Organizational Behavior, 3 cr.
 or
 MGT 321 Organizational Behavior and Communication, 3 cr.
 MGT 422 Process and Quality, 3 cr.
 TEC 310 Database Management, 3 cr.
 TEC 403 Advanced Computer Applications for Business, 3 cr.

INFORMATION TECHNOLOGY PROGRAM (BBA)

The Information Technology Program provides a unique cross-disciplinary curriculum addressing the information skills, business core concepts, and interpersonal abilities needed to meet the increasing demand for information systems professionals.

Students are prepared to analyze and solve the multitude of information problems facing today's businesses and organizations. Students are prepared to find careers in a number of areas, including the design of computerized information systems, database management and administration, project team leadership, and information system management.

MANAGEMENT INFORMATION SYSTEMS MAJOR

Management Information Systems (MIS) involves the application of computer technology, quantitative techniques, and administrative skills to the information processing requirements of organizations. MIS links technology with organizations. It combines decision-making with computer technology in an organization to analyze, design, implement, and manage computerized information systems. The curriculum links business and real world knowledge with information technology and information systems management. The MIS program prepares entry-level professionals for careers in the use and management of information systems.

34 credits: Business programs core

18-21 credits as follows:

12 credits:

- TEC 300 Systems Development, 3 cr.
 TEC 310 Database Management, 3 cr.
 TEC 314 E-Business and Digital Technologies, 3 cr.
 TEC 403 Advanced Computer Applications for Business, 3 cr.

0-3 credits from the following courses:

- TEC 397 Internship, 0 cr.
 TEC 497 Internship, 1-3 cr.

6 credits from the following courses:

- BUA 404 Special Topics, 1-3 cr.
 BUA 405 Readings in Contemporary Business Issues, 3 cr.
 MGT 301 Operations Management, 3 cr.
 MGT 330 Supply Chain Management, 3 cr.
 MGT 421 Project Management, 3 cr.
 TEC 305 Enterprise Computing Applications, 3 cr.
 TEC 404 Special Topics, 3 cr.

19-22 credits:
 University electives

INFORMATION TECHNOLOGY MINOR**15 credits:****3 credits:**

TEC 205 Information Technology Resources, 3 cr.

6 credits from the following:

TEC 212 Computer Programming I, 3 cr.

TEC 280 Introduction to Programming and Data Structures, 3 cr.

TEC 312 Object Oriented Programming, 3 cr.

6 credits from the following:

TEC 300 Systems Development, 3 cr.

TEC 310 Database Management, 3 cr.

TEC 314 E-Business and Digital Technologies, 3 cr.

MANAGEMENT PROGRAM (BBA)

The Management Program prepares students to become competent, ethical, socially responsible, quality-focused, entry-level managers. The program has an applied focus, integrating theory, process, and practice to develop competencies required for work in for-profit and not-for-profit organizations. Students become familiar with the practice of management, leadership, decision-making, teamwork, communication, and human resources.

The management major focuses on the management of people, projects, and tasks. Managers are business generalists who are competent both technically and socioculturally. They have skills in communication, teamwork, leadership, operations, problem solving, planning, and negotiating.

MANAGEMENT MAJOR**34 credits:** Business programs core**18-21 credits as follows:****12 credits:**

MGT 301 Operations Management, 3 cr.

MGT 330 Supply Chain Management, 3 cr.

MGT 422 Process and Quality, 3 cr.

TEC 403 Advanced Computer Applications for Business, 3 cr.

0–3 credits:

MGT 397 Internship, 0 cr.

MGT 497 Internship, 1–3 cr.

6 credits from the following:

BUA 404 Special Topics, 0-3 crs.

BUA 405 Contemporary Readings in Business, 3 cr.

MGT 304 International Organizational Behavior, 3 cr.

MGT 311 Human Resources Management, 3 cr.

MGT 408 Leadership in Ethical Organizations, 3 cr.

MGT 421 Project Management, 3 cr.

MGT 426 Safety Health and Wellness, 3 cr.

16-22 credits:

University electives

MANAGEMENT MINOR**15–18 credits as follows:****9-12 credits:**

BUA 101* Introduction to Business, 3 cr.

MGT 213 Principles of Management, 3 cr.

MGT 301 Operations Management, 3 cr.

MGT 311 Human Resources Management, 3 cr.

6 credits from the following:

MGT 330 Supply Chain Management, 3 cr.

MGT 408 Leadership in ethical Organizations, 3 cr.

MGT 421 Project Management, 3 cr.

MGT 422 Process and Quality, 3 cr.

**BUA 101 is required for students not pursuing a business major; it is not required for students completing the business core.*

MARKETING PROGRAM (BBA)

Marketing is a creative, dynamic, and exciting segment of business administration. In the business environment, marketing is the interaction between producer and consumer. Marketing not only involves responding to environmental and social needs, but also stimulating business growth and meeting the demands of domestic and international markets and institutions. Marketing deals with the selection of markets, analysis of customer wants and buyer behavior, market research, market forecasting, packaging, merchandising, personal selling, advertising, physical distribution, and pricing.

The Marketing Program offers the student a broad business education with emphasis on professional training for the development of marketing strategies and managing marketing operations.

MARKETING MAJOR**34 credits:** Business programs core**18-21 credits as follows:****9 credits:**

MKT 302 Principles of Advertising, 3 cr.

MKT 311 Consumer Behavior, 3 cr.

or

MKT 322 Sales Management, 3 cr.

MKT 400 Marketing Management, 3 cr.

0–3 credits:

MKT 397 Internship, 0 cr.

MKT 497 Internship, 1–3 cr.

9 credits from the following (3 credits must be at the 300 level or above):

ART 201 Design, 3 cr.

ART 203	Introduction to Graphic Arts, 3 cr.
ART 205	Digital Imaging, 3 cr.
ART 207	Computer Illustration, 3 cr.
COM 202	Writing for Media, 3 cr.
COM 215	Introduction to Public Relations, 3 cr.
COM 302	Intercultural Communication, 3 cr.
COM 315	Public Relations Writing and Practice, 3 cr.
COM 333	Computer Applications for Communications, 3 cr.
COM 420	Professional Presentations, 3 cr.
MKT 318	Personal Selling Skills, 3 cr.
MKT 401	Marketing Research, 3 cr.
MKT 402	Marketing Seminar, 3 cr.
MKT 404	Special Topics, 3 cr.
SRM 422	Sport and Recreation Marketing, 3 cr.
TEC 314	E-Business and Digital Technologies, 3 cr.

16-22 credits:

University electives

MARKETING MINOR**15–18 credits as follows:****3-6 credits:**

BUA 101*	Introduction to Business, 3 cr.
MKT 201	Principles of Marketing, 3 cr.

6 credits of Marketing courses:

MKT XXX	Marketing elective, 3 cr.
MKT XXX	Marketing elective, 3 cr.

6 Marketing elective credits:

XXX	Marketing elective, 3 cr.
XXX	Marketing elective, 3 cr.

*BUA 101 is required for students not pursuing a business major; it is not required for students completing the business core.

SPORT AND RECREATION MANAGEMENT PROGRAM (BBA)

The Sport and Recreation Management Program prepares students with a background in sports and recreation services management. Sports managers must be able to interact effectively with various clients to insure that fundamental business principles are successfully adapted to the specialized settings of sport and recreation centered enterprises. Emphasis is placed upon career orientation within the context of a liberal arts background.

SPORT AND RECREATION MANAGEMENT MAJOR**34 credits:** Business programs core**18-21 credits as follows:****18 credits:**

SRM 201	Introduction to Sport and Recreation Management, 3 cr.
SRM 202	Sport and Recreation Programming, 3 cr.

SRM 301	Legal Issues in Sport and Recreation Management, 3 cr.
SRM 302	Management of Sport and Recreation Facilities, 3 cr.
SRM 402	Leadership in Sport and Recreation Management, 3 cr.
SRM 422	Sport and Recreation Marketing, 3 cr.

0–3 credits:

SRM 397	Internship, 0 cr.
SRM 497	Internship, 1–3 cr.

19–22 credits:

University electives

SPORT AND RECREATION MANAGEMENT MINOR**15–18 credits:****6–9 credits:**

BUA 101*	Introduction to Business, 3 cr.
SRM 201	Introduction to Sport and Recreation Management, 3 cr.
SRM 202	Sport and Recreation Programming, 3 cr.

9 credits from the following:

SRM 301	Legal Issues in Sport and Recreation Management, 3 cr.
SRM 302	Management of Sport and Recreation Facilities, 3 cr.
SRM 402	Leadership in Sport and Recreation Management, 3 cr.
SRM 422	Sport and Recreation Marketing, 3 cr.
TEC	Information Technology elective, 3 cr.

*BUA 101 is required for students not pursuing a business major; it is not required for students completing the business core.

MILITARY SCIENCE DEPARTMENT (ARMY ROTC)

The Military Science Program, or Army ROTC, consists of two phases. The first is introductory, consisting of 100- and 200-level courses that include practical skills and preparatory management skills needed in the advanced phase. First-phase requirements include MSC 101, 102, 201, and 202. All freshman and sophomore students are encouraged to take the lower-level military science courses and acquaint themselves with military vocational opportunities without incurring a service obligation.

The second phase is designed to qualify upper-level student cadets for officer roles in the Active Army, Army Reserve or the Army National Guard. The advanced phase consists of MSC 301, 302, 401, and 402. Students are also required to take HIS 211: American Military History prior to commissioning as an officer. Enrollment in the advanced phase is limited to those students who qualify physically and academically, and who have either completed the first phase, the Leader's Training

Course (a six-week leadership camp attended between the sophomore and junior year), or Basic Training completed during a previous period of enlistment. Advanced phase and ROTC scholarship students are paid from \$300 to \$500 each month of the school year (up to \$4,000 total) and participate in leadership laboratories and activities, including a field training exercise each semester and the four-week Leadership Development and Assessment Course between the junior and senior year.

In order to be commissioned as an Army officer at graduation, students must successfully complete both phases of the program and fulfill the following professional education requirements.

Professional education requirements

- Be able to communicate effectively orally and in writing.
- Develop a sense of history and be acquainted with military history.

Each student schedules courses to satisfy the above requirements with the assistance and approval of the department chair.

Army ROTC financial assistance

Four-year scholarships are awarded to students entering the University as freshmen and meet all eligibility criteria. Two- and three-year scholarships are awarded to students already enrolled in the University and are active Reservists or are enrolled in the MSC 101, 102, 201, or 202 courses. Students who attend the Leader's Training Course compete for two-year scholarships at the course. Scholarships contribute toward the cost of tuition and educational fees, and provide a fixed amount for textbooks, supplies, and equipment. Each scholarship student also receives a stipend of \$300 per month for freshmen, \$350 per month for sophomores, \$450 per month for juniors, and \$500 per month for seniors.

Special consideration for an Army ROTC scholarship is given to students pursuing degrees in nursing, mathematics, computer science, the physical sciences, and other technical skills currently in demand in the Army. Students who receive a scholarship are required to obtain an undergraduate degree in the field in which the scholarship was awarded. Non-scholarship cadets also receive the allowance of up to \$4,000 for each of their two years. Cadets who attend the Leader's Training Course and the Leadership Development and Assessment Course receive pay for attending these courses.

Labs for all courses include the following:

- Physical fitness training (including diet and nutritional information)
- Hands-on military skills
- Tactical leadership training
- Practical hands-on exercises and the Army Physical Fitness Test (APFT) are used as diagnostic and evaluative tools

27 credits as follows:

24 credits:

MSC 101	Leadership and Military Science I, 2 cr.
MSC 102	Leadership and Military Science II, 2 cr.
MSC 201	Basic Leadership and Management I, 3 cr.
MSC 202	Basic Leadership and Management II, 3 cr.
MSC 301	Advanced Leadership and Management I, 4 cr.
MSC 302	Advanced Leadership and Management II, 4 cr.
MSC 401	Applied Leadership and Management I, 4 cr.
MSC 402	Applied Leadership and Management II, 4 cr.

3 credits from the following:

HIS 112	History of the United States from 1877, 3 cr.
HIS 211	American Military History, 3 cr.
HIS 408	Diplomatic History, 3 cr.
HIS 422	20th Century Europe, 3 cr.
MSC 404	Special Topics, 1–3 cr.
MSC 421	Contemporary Leadership and Management, 1–3 cr.
MSC 431	Advanced Contemporary Leadership and Management, 1–3 cr.

Required each semester:

MSC 183	Military Conditioning, 1 cr.
---------	------------------------------

ADULT UNDERGRADUATE PROGRAMS (ACCELERATED/EVENING/ONLINE PROGRAMS)

The accelerated adult undergraduate programs are dedicated to the continued professional and personal growth of the adult learner, incorporating professional education with a rich liberal arts foundation. The accelerated adult undergraduate programs, offered online and in the classrooms at the Fond du Lac Campus and at many other locations throughout the state, provide for continued personal and professional growth of the nontraditional adult learners, and are aligned with the changing needs of communities and organizations in the global workplace. These programs are sometimes internally referred to as “Adult Undergraduate” programs.

Accelerated Undergraduate Degrees:

Bachelor’s Degrees

- Bachelor of Business Administration (BBA):
Majors available in business administration, general management, health care administration, human resource management, marketing, and operations and supply chain management.

Accelerated Undergraduate Certificates:

Certificate Programs do not qualify for Federal Financial Aid

- Health Care Administration

Admission

Refer to the Admission section of the Academic Bulletin for details about admission.

BUSINESS ADMINISTRATION PROGRAM

The Bachelor in Business Administration program focuses on developing business management and leadership skills with a comprehensive grasp of the economic, legal and cultural context of today’s business environment. Learning takes place through case studies, small-group discussions and work-related research projects. Class participation will provide opportunities to network with other students from a variety of industrial, professional and educational backgrounds.

The degree program consists of a 37 credit common business core of courses that all students are required to complete. Students may then choose one of six undergraduate majors, including business administration, general management, human resource management, marketing, or operations and supply chain management. Students may also double major in health care administration. Each major is comprised of 15 – 18 credit hours in the discipline. Students pursuing more than one major must complete at least 15 credits of unique courses to count in each major.

Students majoring or minoring in business administration may not earn a grade lower than C– in any course in the core or any course in their respective major or minor course list. In instances where the student earns a grade of D+ or lower in any of these courses, the course must be repeated in order to meet the graduation requirements.

Liberal Arts Core

30 credits as follows:

3 credits:

ENG 230 Professional Composition and Research Writing, 3 cr.

12 credits:

HIS 114 World History since 1900, 3 cr.

HIS 2XX History Elective, 3 cr.

MAT XXX Math Elective, 3 cr.

THE 101 Introduction to Christian Theology, 3 cr.

6 credits (must be from at least two areas):

ART XXX Art Elective, 3 cr.

ENG XXX Literature elective, 3 cr.

MUS XXX Music Elective, 3 cr.

3 credits:

PHI 132 The Examined Life, 3 cr.

3 credits from the following:

BIO XXX Biological, Ecological or Environmental Science elective, 3 cr.

PHS XXX Physical Science, Chemistry, Meteorology, or Physics elective, 3 cr.

3 credits from the following:

PSY XXX Psychology Elective, 3 cr.

SOC XXX Sociology Elective, 3 cr.

Business Administration Core

37 credits:

ACC 201 Financial Accounting, 3 cr.

BUA 310 International Business, 3 cr.

BUA 350 Business Law, 3 cr.

BUA 402 Strategy and Policy, 3 cr.

BUS 495 Synthesis Portfolio, 1 cr.

COM 232 Public Speaking, 3 cr.

ECO 202 Microeconomics, 3 cr.

FIN 301 Fundamentals of Managerial Finance, 3 cr.

MAT 123 Introduction to Statistics and Probability, 3 cr.

MGT 213 Principles of Management, 3 cr.

MKT 201 Principles of Marketing, 3 cr.

PHI 231 Business Ethics, 3 cr.

TEC 200 Fundamentals Information Technology, 3 cr.

BUSINESS ADMINISTRATION MAJOR

The Business Administration major provides a broad-based business education. It is designed for students who seek careers with business organizations where knowledge is required in many areas of business study, or for students who have prior learning in a particular field of business study. The program allows the student flexibility in selecting courses of interest to them.

18 credits as follows:**9 credits:**

FIN 400	Investments, 3 cr.
MGT 311	Human Resource Management, 3 cr.
MGT 420	Entrepreneurial and Small Business Management, 3 cr.

3 credits from the following:

MKT 302	Principles of Advertising, 3 cr.
MKT 318	Personal Selling Skills, 3 cr.
MKT 322	Sales Management, 3 cr.

6 credits:

300/400	Business electives at or above the 300 level
---------	--

35 credits:

University electives

FINANCE PROGRAM

The Finance Program provides business students with a solid analytical grounding and quantitative skills to clearly frame the complex financial and economic factors at work in the increasingly global business environment. The curriculum covers domestic and international finance, investments, risk management, real estate, valuation, forecasting, and the application of the tools of financial analysis in decision making to bridge theory and practice. Real-world applications and the intuitive interpretation and communication of results are emphasized.

The program leads to career opportunities in such fields as banking, insurance, brokerage, and credit, both in private and government financial institutions. The major prepares students to succeed in law school, an MBA program, or other graduate programs.

18 credits as follows:**6 credits:**

FIN 303	Money and Banking, 3 cr.
FIN 400	Investments, 3 cr.

12 credits from the following:

ACC 306	Managerial Accounting, 3 cr.
ACC 310	Intermediate Financial Accounting I, 3 cr.
ACC 331	Income Tax I, 3 cr.
BUA 405	Readings in Contemporary Business Issues, 3 cr.
ECO 201	Macroeconomics, 3 cr.
FIN 205	Personal Finance, 3 cr.
FIN 331	Principles of Insurance and Risk Management, 3 cr.
FIN 401	Global Finance, 3 cr.
FIN 403	Advanced Computer Applications for Business, 3 cr.
FIN 404	Special Topics in Finance, 1-3 cr.

35 credits:

University electives

**FINANCE MINOR
(business majors only)****15-18 credits as follows:****9-12 credits:**

BUA 101	Introduction to Business, 3 cr. *
ACC 201	Financial Accounting, 3 cr.
ECO 201	Macroeconomics, 3 cr.
	or
ECO 202	Microeconomics, 3 cr.
FIN 301	Managerial Finance, 3 cr.

6 credits:

FIN 303	Money and Banking, 3 cr.
FIN 400	Investments, 3 cr.

0-3 credits from the following:

ACC 306	Managerial Accounting, 3 cr.
ACC 310	Intermediate Financial Accounting I, 3 cr.
ACC 331	Income Tax I, 3 cr.
BUA 405	Readings in Contemporary Business Issues, 3 cr.
ECO 201	Macroeconomics, 3 cr. **
ECO 202	Microeconomics, 3 cr. **
FIN 205	Personal Finance, 3 cr.
FIN 401	Global Finance, 3 cr.
FIN 403	Advanced Computer Applications for Business, 3 cr.
FIN 404	Special Topics in Finance, 1-3 cr.

**required for non-business majors only*

***if not counted as the required economics course*

GENERAL MANAGEMENT MAJOR

The General Management major examines differing approaches to management and explains skills and activities utilized by managers in fulfilling their functions. Topics include leadership, power, decision-making, policy formation, and organizational structure and change. Emphasis is on the management function in an organizational context.

15 credits as follows:**12 credits:**

MGT 304	International Organizational Behavior, 3 cr.
MGT 311	Human Resource Management, 3 cr.
MGT 420	Entrepreneurial and Small Business Management, 3 cr.
MGT 421	Project Management, 3 cr.

3 credits from the following:

MGT 301	Operations Management, 3 cr.
MGT 408	Leadership in Ethical Organizations, 3 cr.
MGT 411	Organizational Training and Development, 3 cr.
MGT 412	HR Planning, Recruitment and Selection, 3 cr.

- MGT 422 Process and Quality, 3 cr.
MGT 426 Safety and Health, 3 cr.

38 credits:

University electives

MANAGEMENT MINOR

(may be taken by a student not pursuing a business major)

15–18 credits as follows:

3–6 credits:

- BUA 101* Introduction to Business, 3 cr.
MGT 213 Principles of Management, 3 cr.

3 credits from the following:

- MGT 301 Operations Management, 3 cr.
MGT 311 Human Resource Management, 3 cr.
MGT 420 Entrepreneurial and Small Business Management, 3 cr.

9 credits from one of the following:

Group A

- MGT Management electives, 9 cr.

Group B

- MGT Management electives, 6 cr. and
ACC 201 Financial Accounting, 3 cr.
or
MKT 322 Sales Management, 3 cr.
or
TEC 403 Advanced Computer Applications and Systems, 3 cr.

* required for non-business majors only

HEALTH CARE ADMINISTRATION MAJOR

The Health Care Administration (HCA) program provides preparation for the entry-level professional in an expanding and increasingly complex health care system. The program recognizes the growing need for individuals who are prepared to administer health care enterprises in a time of change. The HCA major provides graduates with the skills and knowledge to understand and operate within the business area of health care, including medical staff relations, patient care services, finance, human resources, information technology, and planning and development.

20 credits:

- BIO 220 Introduction to Medical Terminology, 2 cr.
HCA 201 Introduction to Health Care Administration, 3 cr.
HCA 415 Health Care Information Systems, 3 cr.
HCA 421 Financial and Economic Aspects of Health Care, 3 cr.
HCA 431 Health Care Management and Policy, 3 cr.
MGT 330 Supply Chain Management, 3 cr.
MGT 408 Leadership in Ethical Organizations, 3 cr.

6 elective credits:

- BUA 404 Special Topics 1-3 cr.
BUA 405 Readings in Contemporary Business Issues, 3 cr.
MGT 311 Human Resource Management, 3 cr.
MGT 304 International Organizational Behavior, 3 cr.
or
MGT 321 Organizational Communication and Behavior, 3 cr.
MGT 422 Process and Quality, 3 cr.
TEC 310 Database Management, 3 cr.
TEC 402 Advanced Computer Applications for Business, 3 cr.

27 credits:

University electives

HUMAN RESOURCE MANAGEMENT MAJOR

The major in Human Resource Management focuses on how organizations attract, motivate, develop, and retain employees. Topics covered include: recruiting, staffing, compensation theory, training and development, labor relations, and equal employment opportunity. The major is appropriate for those seeking positions in both public and private sector organizations, and provides entry into jobs in human resources departments, team leader positions, and management training programs.

15 credits:

- MGT 304 International Organizational Behavior, 3 cr.
MGT 311 Human Resource Management, 3 cr.
MGT 411 Organizational Training, Development, 3 cr.
MGT 412 HR Planning, Recruitment and Selection, 3 cr.
MGT 413 Compensation and Benefits, 3 cr.

38 credits:

University electives

MARKETING MAJOR

Marketing is the creative and dynamic interaction between the producer and the consumer and is a critical and comprehensive business function. Marketing is charged with making a firm response to environmental and social needs, as well as stimulating business growth in both domestic and international markets. Marketing deals with the selection of markets, analysis of customer wants and buyer behavior, market research, market forecasting, packaging, merchandising, personal selling, advertising, physical distribution, and pricing. The marketing manager must be able to translate knowledge of consumer behavior into marketing strategy.

18 credits as follows:**12 credits:**

- MKT 302 Principles of Advertising, 3 cr.
MKT 311 Consumer Behavior, 3 cr.
MKT 322 Sales Management, 3 cr.
MKT 400 Marketing Management, 3 cr.

6 credits from the following:

ART 201	Design, 3 cr.
COM 202	Writing for Media, 3 cr.
COM 215	Introduction to Public Relations, 3 cr.
COM 302	Intercultural Communication, 3 cr.
COM 322	Argumentation and Persuasion, 3 cr.
COM 420	Professional Presentations, 3 cr.
MKT 401	Marketing Research, 3 cr.

35 credits:

University electives

MARKETING MINOR

(may be taken by a student not pursuing a business major)

15–18 credits as follows:**9–12 credits:**

BUA 101*	Introduction to Business, 3 cr.
MKT 201	Principles of Marketing, 3 cr.
MKT 302	Principles of Advertising, 3 cr.
MKT	Marketing elective, 3 cr.

6 credits from the following:

ART 201	Design, 3 cr.
ART 203	Introduction to Graphic Arts, 3 cr.
ART 205	Digital Imaging, 3 cr.
ART 207	Computer Illustration, 3 cr.
BUA 303	Population and Demography, 3 cr.
COM 202	Writing for Media, 3 cr.
COM 215	Introduction to Public Relations, 3 cr.
COM 302	Intercultural Communication, 3 cr.
COM 315	Public Relations Writing and Practice, 3 cr.
COM 322	Argumentation and Persuasion, 3 cr.
COM 333	Computer Applications for Communications, 3 cr.
COM 420	Professional Presentations, 3 cr.
MKT 311	Consumer Behavior, 3 cr.
MKT 318	Personal Selling Skills, 3 cr.
MKT 322	Sales Management, 3 cr.
MKT 400	Marketing Management, 3 cr.
MKT 401	Marketing Research, 3 cr.
MKT 402	Marketing Seminar, 3 cr.
MKT 404	Special Topics, 3 cr.
SRM 422	Sport and Recreation Marketing, 3 cr.
TEC 214	Web Design and E-Commerce, 3 cr.

* required for non-business majors only

OPERATIONS AND SUPPLY CHAIN MANAGEMENT MAJOR

The Operations and Supply Chain Management major focuses on industry's ability to create goods and services. Operations and supply chain managers direct what work is to be done, when it is to be done, and by whom. This includes purchasing supplies and raw materials, directing production activities, and delivering goods and services. The program is based on the comprehensive understanding of distribution, wholesaling,

purchasing, inventory control, and basic principles of management systems.

18 credits:

BUS 435	Statistical Applications, 3 cr.
MGT 301	Operations Management, 3 cr.
MGT 330	Supply Chain Management, 3 cr.
MGT 422	Process and Quality, 3 cr.
MGT 431	Purchasing, 3 cr.
MGT 435	Logistics, 3 cr.

35 credits:

University electives

BUSINESS ADMINISTRATION MINOR

(not available to students pursuing a major in a business field)

21 credits:

ACC 201	Financial Accounting, 3 cr.
BUA 350	Business Law, 3 cr.
ECO 202	Microeconomics, 3 cr.
FIN 301	Fundamentals of Managerial Finance, 3 cr.
MGT 213	Principles of Management, 3 cr.
MKT 201	Principles of Marketing, 3 cr.
TEC 200	Fundamentals Information Technology, 3 cr.

INFORMATION TECHNOLOGY MINOR**15–18 credits:****9–12 credits:**

BUA 101*	Introduction to Business, 3 cr.
TEC 102	Computer Software Applications, 3 cr.
BUS 348	Principles of Data Management, 3 cr.
TEC 200	Fundamentals Information Technology, 3 cr.

6 credits from the following:

BUS 343	Technology of Information Systems, 3 cr.
BUS 438	Business Data Communications and Networks, 3 cr.
BUS 458	Systems Analysis and Design, 3 cr.
TEC 404	Special Topics, 3 cr.
MGT 213**	Principles of Management, 3 cr.
MGT 421**	Project Management, 3 cr.

* required for non-business majors only

** only one management course may be counted toward these elective requirements

Double (Second) Majors for BBA Degrees

Students may formally declare to add a second academic major or minor to their degree studies. Due to the structure of our programs, students may not declare a triple major. The curriculum required in each BBA double major is not identical to the courses required when a major is the only one being completed. A second major in BBA consists of an additional 5-6 pre-determined courses. Students wishing to pursue these

options must contact their academic advisor to ensure that the mandatory paperwork is completed to formally declare their intentions to add a double major or minor and they are following the correct curriculum requirements. The addition of a double major or minor may extend the amount of time required to complete all degree requirements and may result in earning more credits than the minimum number required for graduation. Students pursuing more than one major in the business program must take at least 15 credits of unique courses in each major.

Marketing Majors electing a double major in Human Resource Management

MGT 304	International Organizational Behavior, 3 cr.
MGT 311	Human Resource Management, 3 cr.
MGT 411	Organizational Training and Development, 3 cr.
MGT 412	H.R. Planning, Recruitment and Selection, 3 cr.
MGT 413	Compensation and Benefits, 3 cr.
or	
MGT 426	Safety and Health, 3cr.

Marketing Majors electing a double major in Operations and Supply Chain Management

BUS 435	Statistical Applications, 3 cr.
MGT 301	Operations Management, 3 cr.
MGT 330	Supply Chain Management, 3 cr.
MGT 422	Process and Quality, 3 cr.
MGT 431	Purchasing, 3 cr.
MGT 435	Logistics, 3 cr.

Marketing Majors electing a double major in General Management

MGT 304	International Org. Behavior, 3 cr.
MGT 311	Human Resource Management, 3 cr.
MGT 420	Entrepreneurial and Small Business Management, 3 cr.
MGT 421	Project Management, 3 cr.

3 credits from the following:

MGT 301	Operations Management, 3 cr.
MGT 408	Leadership in Ethical Organizations, 3 cr.
MGT 411	Organizational Training and Development, 3 cr.
MGT 412	HR Planning, Recruiting and Selection, 3 cr.
MGT 422	Process and Quality, 3 cr.
MGT 426	Safety and Health, 3 cr.

Marketing Majors electing a double major in Business Administration

FIN 400	Investments, 3 cr.
MGT 311	Human Resource Management, 3 cr.
MGT 420	Entrepreneurial and Small Business Management, 3 cr.

3 credits from the following:

MKT 302	Principles of Advertising, 3 cr.
MKT 318	Personal Selling Skills, 3 cr.
MKT 322	Sales Management, 3 cr.

6 credits from the following:

Business courses at or above the 300 level

Human Resource Management Majors electing a double major in Marketing

MKT 302	Principles of Advertising, 3 cr.
MKT 311	Consumer Behavior, 3 cr.
MKT 322	Sales Management, 3 cr.
MKT 400	Marketing Management, 3 cr.

6 credits from the following:

ART 201	Design, 3 cr.
COM 202	Writing for Media, 3 cr.
COM 215	Introduction to Public Relations, 3 cr.
COM 302	Intercultural Communications, 3 cr.
COM 322	Argumentation and Persuasion, 3 cr.
COM 420	Professional Presentations, 3 cr.
MKT 401	Marketing Research, 3 cr.

Human Resource Management Majors electing a double major in Operations and Supply Chain Management

BUS 435	Statistical Applications, 3 cr.
MGT 301	Operations Management, 3 cr.
MGT 330	Supply Chain Management, 3 cr.
MGT 422	Process and Quality, 3 cr.
MGT 431	Purchasing, 3 cr.
MGT 435	Logistics, 3 cr.

Human Resource Management Majors electing a double major in General Management

COM 334	Discussion and Small Group Interaction, 3 cr.
MGT 420	Entrepreneurial & Small Business Management, 3 cr.
MGT 421	Project Management, 3 cr.
MGT 422	Process and Quality, 3 cr.
MGT 301	Operations Management, 3 cr.
or	
MKT 322	Sales Management, 3 cr.

Human Resource Management Majors electing a double major in Business Administration

FIN 400	Investments, 3 cr.
MGT 420	Entrepreneurial and Small Business Management, 3 cr.

3 credits from the following:

MKT 302	Principles of Advertising, 3 cr.
MKT 318	Personal Selling Skills, 3 cr.
MKT 322	Sales Management, 3 cr.

9 credits from the following:

Business courses at or above the 300 level, 9 cr.

Operations and Supply Chain Management Majors electing a double major in Marketing

MKT 302	Principles of Advertising, 3 cr.
---------	----------------------------------

MKT 311 Consumer Behavior, 3 cr.
 MKT 322 Sales Management, 3 cr.
 MKT 400 Marketing Management, 3 cr.

6 credits from the following:

ART 201 Design, 3 cr.
 COM 202 Writing for Media, 3 cr.
 COM 215 Introduction to Public Relations, 3 cr.
 COM 302 Intercultural Communications, 3 cr.
 COM 322 Argumentation and Persuasion, 3 cr.
 COM 420 Professional Presentations, 3 cr.
 MKT 401 Marketing Research, 3 cr.

Operations and Supply Chain Management Majors electing a double major in Human Resource Management

MGT 311 Human Resource Management, 3 cr.
 MGT 412 H.R. Planning, Recruitment and Selection, 3 cr.
 MGT 411 Organizational Training and Development, 3 cr.
 MGT 413 Compensation and Benefits, 3 cr.
 COM 334 Discussion and Small Group Interaction, 3 cr.
 or
 MGT 426 Safety and Health, 3 cr.

Operations and Supply Chain Management Majors electing a double major in General Management

MGT 301 Operations Management, 3 cr.
 MGT 311 Human Resource Management, 3 cr.
 MGT 420 Entrepreneurial and Small Business Management, 3 cr.
 MGT 421 Project Management, 3 cr.

3 credits from the following:

COM 334 Discussion and Small Group Interaction, 3 cr.
 MGT 411 Organizational Training and Development, 3 cr.
 MGT 412 HR Planning, Recruiting and Selection, 3 cr.
 MGT 408 Leadership in Ethnical Organizations, 3 cr.
 MGT 422 Process and Quality, 3 cr.
 MGT 426 Safety and Health, 3 cr.

Operations and Supply Chain Management Major electing a double major in Business Administration

FIN 400 Investments, 3 cr.
 MGT 311 Human Resource Management, 3 cr.
 MGT 420 Entrepreneurial and Small Business Management, 3 cr.

3 credits from the following:

MKT 302 Principles of Advertising, 3 cr.
 MKT 318 Personal Selling Skills, 3 cr.
 MKT 322 Sales Management, 3 cr.

6 credits from the following:

Business courses at or above the 300 level, 6 cr.

General Management Majors electing a double major in Marketing

MKT 302 Principles of Advertising, 3 cr.

MKT 311 Consumer Behavior, 3 cr.
 MKT 322 Sales Management, 3 cr.
 MKT 400 Marketing Management, 3 cr.

6 credits from the following:

ART 201 Design, 3 cr.
 COM 202 Writing for Media, 3 cr.
 COM 215 Introduction to Public Relations, 3 cr.
 COM 302 Intercultural Communications, 3 cr.
 COM 322 Argumentation and Persuasion, 3 cr.
 COM 420 Professional Presentations, 3 cr.
 MKT 401 Marketing Research, 3 cr.

General Management Majors electing a double major in Human Resource Management

MGT 411 Organizational Training and Development, 3 cr.
 MGT 412 H.R. Planning, Recruitment and Selection, 3 cr.
 MGT 413 Compensation and Benefits, 3 cr.
 MGT 422 Process and Quality, 3 cr.
 COM 334 Discussion and Small Group Interaction, 3 cr. **Or**
 MGT 426 Safety and Health, 3 cr.

General Management Majors electing a double major in Operations and Supply Chain Management

BUS 435 Statistical Applications, 3 cr.
 MGT 301 Operations Management, 3 cr.
 MGT 330 Supply Chain Management, 3 cr.
 MGT 422 Process and Quality, 3 cr.
 MGT 431 Purchasing, 3 cr.
 MGT 435 Logistics, 3 cr.

General Management Majors electing a double major in Business Administration

FIN 400 Investments, 3 cr.

3 credits from the following:

MKT 302 Principles of Advertising, 3 cr.
 MKT 318 Personal Selling Skills, 3 cr.
 MKT 322 Sales Management, 3 cr.

12 credits from the following:

Business courses at or above the 300 level, 12 cr.

Business Administration Majors electing a double major in Marketing

MKT 302 Principles of Advertising, 3 cr.
 MKT 311 Consumer Behavior, 3 cr.
 MKT 322 Sales Management, 3 cr.
 MKT 400 Marketing Management, 3 cr.

6 credits from the following:

ART 201 Design, 3 cr.
 COM 202 Writing for Media, 3 cr.
 COM 215 Introduction to Public Relations, 3 cr.
 COM 302 Intercultural Communications, 3 cr.
 COM 322 Argumentation and Persuasion, 3 cr.
 COM 420 Professional Presentations, 3 cr.
 MKT 401 Marketing Research, 3 cr.

Business Administration Majors electing a double major in Human Resource Management

MGT 304	International Org. Behavior, 3 cr.
MGT 411	Organizational Training and Development, 3 cr.
MGT 412	H.R. Planning, Recruitment and Selection, 3 cr.
MGT 413	Compensation and Benefits, 3 cr.

3 credits from the following:

MGT 408	Leadership in Ethical Organizations, 3 cr.
MGT 422	Process and Quality, 3 cr.
MGT 426	Safety and Health, 3 cr.

Business Administration Majors electing a double major in General Management

MGT 301	Operations Management, 3 cr.
MGT 304	International Organizational Behavior, 3 cr.
MGT 408	Leadership in Ethical Organizations, 3 cr.
MGT 421	Project Management, 3 cr.

3 credits from the following:

MGT 411	Organizational Training and Development, 3 cr.
MGT 412	HR Planning, Recruitment and Selection, 3 cr.
MGT 422	Process and Quality, 3 cr.
MGT 426	Safety and Health, 3 cr.

Business Administration Majors electing a double major in Operations and Supply Chain Management

BUS 435	Statistical Applications, 3 cr.
MGT 301	Operations Management, 3 cr.
MGT 330	Supply Chain Management, 3 cr.
MGT 422	Process and Quality, 3 cr.
MGT 431	Purchasing, 3 cr.
MGT 435	Logistics, 3 cr.

CERTIFICATE PROGRAMS

Certificate Programs do not qualify for Federal Financial Aid

Health Care Administration

Undergraduate certificate program for non-business students

39 credits as follows:**21 credits:**

ACC 201	Financial Accounting, 3 cr.
BUA 350	Business Law, 3 cr.
ECO 202	Microeconomics, 3 cr.
FIN 301	Fundamentals of Managerial Finance, 3 cr.
MGT 213	Principles of Management, 3 cr.
MKT 201	Principles of Marketing, 3 cr.
TEC 200	Fundamentals Information Technology, 3 cr.

18 credits:

HCA 201	Introduction to Health Care Administration, 3 cr.
HCA 415	Health Care Information Systems, 3 cr.
HCA 421	Financial and Economic Aspects of Health Care, 3 cr.
HCA 431	Health Care Management and Policy, 3 cr.

HCA 450	Seminar in Health Care Administration, 1 cr.
MGT 408	Leadership in Ethical Organizations, 3 cr.
BIO 220	Introduction to Medical Terminology, 2 cr.

Health Care Administration

Undergraduate certificate program for business students

18 credits:

HCA 201	Introduction to Health Care Administration, 3 cr.
HCA 415	Health Care Information Systems, 3 cr.
HCA 421	Financial and Economic Aspects of Health Care, 3 cr.
HCA 431	Health Care Management and Policy, 3 cr.
HCA 450	Seminar in Health Care Administration, 1 cr.
MGT 408	Leadership in Ethical Organizations, 3 cr.
BIO 220	Introduction to Medical Terminology, 2 cr.

SCHOOL OF EDUCATION

Kelly Chaney, Ph.D., Dean

Stayer Center for Technology and Executive Learning,
room 301
920.923.8610

The School of Education primarily emphasizes the preparation of educators for classroom and leadership roles. The following mission statement illustrates the school's commitment to the preparation of education personnel:

Mission statement

Within the spirit and institutional framework of Marian University, we are committed to the development of caring, competent, reflective individuals for present and future professional roles by providing learning-centered, collaborative, accountable, and theoretically sound undergraduate and graduate programs that reflect values and ethics within an increasingly diverse and global society.

Learning-centered educator

All programs in the School of Education are based on essential knowledge, established and current research, and best professional practice. The professional education programs at both the undergraduate and graduate levels have adopted a learning-centered education base that permeates its programs in the School of Education. Based on this philosophy and its mission, the School of Education has characterized its unique approach to the preparation of educational professionals as the Learning-Centered Educator Model, which is based on five central themes:

1. Values and ethics
2. Knowledge
3. Reflection
4. Collaboration
5. Accountability

Professional standards derived from the Wisconsin Standards for Teacher Development and Licensure and Interstate New Teacher Assessment and Support Consortium (INTASC) constitute the guidelines upon which all professional education programs are designed and evaluated. As part of continuous assessment, all education students pass through a gate system that assesses their progress toward proficiency in knowledge, skills, and dispositions.

Accreditation

The School of Education programs are accredited by following organizations at the undergraduate and graduate levels.

Department of Public Instruction (DPI)
125 S. Webster Street
P.O. Box 7841
Madison, WI 53707-7841
(608) 266-3390 • (800) 441-4563
<http://dpi.wi.gov/>

Council for the Accreditation of Educator Preparation (CAEP)
Formerly NCATE
1140 19th Street, NW
Suite 400
Washington, DC 20036
(202) 223-0077
<http://caepnet.org/>

American Association of Colleges for Teacher Education (AACTE)
1307 New York Ave., NW, Suite 300
Washington, DC 20005
P: 202-293-2450 | F: 202-457-8095
<http://aacte.org/>

Wisconsin Association of Colleges for Teacher Education (WACTE)
1629 E. Pryor Ave
Milwaukee, WI 53207
<http://wiscteachereducation.org/>

This accreditation covers the initial and advanced programs at the main campus and all outreach sites.

DEPARTMENT OF TEACHER EDUCATION

Committed to the mission of the School of Education and Marian University, the undergraduate Teacher Education Program is dedicated to the holistic development of each individual. Students are perceived as active participants in their development as they are guided by the faculty to achieve academic and professional excellence as future teachers. Undergraduate teacher education programs develop teaching competency in accordance with performance standards inherent in the School of Education's Learning-Centered Education Model and the Wisconsin Standards for Teacher Development and Licensure.

Students' performance related to the Wisconsin Standards for Teacher Development and Licensure is assessed through a professional portfolio process reflecting development as they progress through the exemplary field experience program, which is comprised of four distinct developmental levels that take place before Clinical Practice.

Beginning with Field Experience One during sophomore year, students begin to develop their teaching potential in a variety of school settings under the guidance of a cooperating teacher. Upon completion of their education program, Marian students enter the teaching profession with a keen understanding of ways to use their knowledge and skills to achieve success in teaching. It should be noted that all students applying for field experience and clinical practice must complete a Background Verification Form and undergo a Criminal Records Check by the Wisconsin Department of Justice Crime Information Bureau.

The Department of Teacher Education is responsible for all education programs leading to initial state licensure. It

provides majors in early childhood–elementary education, elementary–middle education, middle–secondary education, special education, music education, and world language education – Spanish. Content majors and minors are offered in conjunction with other academic divisions. The elementary–middle education licensure is also available at the graduate level. Refer to the teacher education certification program in the Adult and Graduate Studies section of this bulletin.

The following approved Wisconsin licensure programs are offered at Marian University:

Major: Early childhood–elementary education

License: Early Childhood–Middle Childhood Education (#71-777)
Birth through age 11 (0–grade 6)

Major: Elementary–middle education

License: Middle Childhood–Early Adolescence Education (#72-777)
Ages 6 through 12 or 13 (grades 1–8)

Academic minors leading to Wisconsin licensure

- Language Arts (#72-300)
- Environmental Studies (#72-615)
- Mathematics (#72-400)
- Science (#72-634)
- Broad Field Social Studies (#72-734)
- World Language – Spanish (#72-365)

Minor leading to Wisconsin licensure

- Athletic Coaching (#74-540)
License: Early Childhood through Adolescence (grades PK–12)

Major: Middle–secondary education

License: Early Adolescence–Adolescence (#73-subject specific)
Ages 10–21 (grades 5–12)

Academic majors

- Biology (#73-605)
- Broad Field Social Studies Education with History concentration (#73-701 and #73-725)
- Chemistry (#73-610)
- English Education (#73-300)
- Mathematics (#73-400)

Academic minors

- Biology (#73-605)
- Chemistry (#73-610)
- Environmental Studies (#73-615)
- Mathematics (#73-400)

Major: Elementary –adolescence

License: Elementary–Adolescence Education (#72/73 Cross Categorical and Learning Disabilities) (grades 1–12)

- Special Education (72/73 Cross Categorical-801,

Learning Disabilities-811) Minor from above required

The following non- licensure minor is offered at Marian University:

- Religious Education

Admission into the Department of Teacher Education professional education programs

All students must meet the School of Education, Department of Teacher Education requirements to begin progression in the professional education programs. At the end of Field Experience One (B or better), EDU 010, students apply for admission to the program and may be granted admission with full status in the School of Education when meeting the following criteria:

1. A minimum cumulative grade point average of:
 - 2.75 GPA on a minimum of 30 credits
 - 2.85 GPA on a minimum of 40 credits
 - 3.00 GPA on a minimum of 60 credits
 - 3.00 GPA on a minimum of 75 credits
 - 3.00 GPA on a minimum of 90 credits
2. Reported scores on all components of the CORE Test and have passed a minimum of two segments.
3. Proficiency in speaking and listening (grade of B (3.0) or higher in COM 101 or COM 232).
4. Completion of EDU 200: Technology in Education, EDU 202 Psychology of Learning, EDU 100 Introduction to Education and Classroom Management (grade of B or better).

For admission to Clinical Practice, students must meet the following criteria:

1. Full status in the School of Education, Department of Teacher Education.
2. A minimum cumulative GPA of 3.00.
3. Completion of all major, minor, and professional education courses.
4. A grade of B (3.0) or higher in all major, minor, and professional education courses.
5. Minimum passing scores or waiver on the CORE tests.
6. Successful completion of all field experiences (B or better).
7. Successful completion of the Admission to Clinical Practice portfolio.
8. Completion of the required human relations hours.
9. Successful background check.
10. Content knowledge determined by passing score(s) on the Praxis II test related to the declared major that will result in licensure.
11. Successful completion of the Wisconsin Foundations of Reading Test for early childhood, elementary and middle school, and special education candidates.
12. Audit of program requirements by the School of Education, Department of Teacher Education.

Specific information on admission procedures and program requirements are included in the Department of Teacher Education Student Handbook.

EARLY CHILDHOOD–ELEMENTARY EDUCATION (BSED)

The major in early childhood–elementary education prepares students to teach children from birth through age 11 (grade 6). Students in the early childhood through middle childhood licensure program develop an awareness of the unique developmental characteristics of the young child and the ability to guide learning through developmentally appropriate curriculum and teaching methodology. Its emphasis on child study is enhanced by use of Marian's Early Childhood Center. An academic minor is not required.

EARLY CHILDHOOD–ELEMENTARY EDUCATION MAJOR

Licensure: Early Childhood–Middle Childhood Education, birth through age 11 (0 to grade 6)

General Education Program: 46–49 credits University requirements, including ART 103; MAT 150; BIO 100 and BIO 150, or BIO 104 or BIO 114; CHE 101 or CHE 103 or PHS 102 or PHS 108 or PHS 110 or PHS 203 or PHS 211; MUS 101 or MUS 200 or MUS 202 or MUS 203 or MUS 205; HIS 101; EDU 202; COM 101 or COM 232.

Other requirements

9 credits:

- POS 205 American Government, 3 cr.
- MAT 151 Mathematics for Elementary School Teachers II, 3 cr.
- HIS 102 or HIS 111 or HIS 112, 3 cr.

Early Childhood-Elementary Education courses:

71 credits as follows:

59 credits:

- ECE 101 Child Development, 3 cr.
- ECE 102 Early Childhood Programs and Practices, 2 cr.
- ECE 201 Foundations of Early Childhood Education, 3 cr.
- ECE 301 Teaching Young Children with Special Needs, 3 cr.
- ECE 302 Methods of Teaching the Young Child, 4 cr.
- ECE 312 Organization and Administration of Early Childhood Programs, 3 cr.
- EDU 010 Field Experience One, ½ cr.
- EDU 020 Field Experience Two, ½ cr.
- EDU 030 Field Experience Three, ½ cr.
- EDU 040 Field Experience Four, ½ cr.
- EDU 100 Introduction to Education and Classroom Management, 2 cr.
- EDU 200 Technology in Education, 3 cr.
- EDU 202 Psychology of Learning, 3 cr.
- EDU 213 Introduction to Special Education, 3 cr.
- EDU 301 Intercultural Studies for Educators, 3 cr.
- EDU 412 Educational Measurement and Assessment, 3 cr.
- EME 206 Health and Physical Education Curriculum and Methods, 2 cr.

- EME 303 Primary Reading: Teaching and Assessment, 3 cr.
- EME 304 Intermediate Reading: Teaching and Assessment, 3 cr.
- EME 306 Music Curriculum and Methods, 2 cr.
or
- EME 311 Art Curriculum and Methods in Early Childhood, Elementary, and Middle Schools, 2 cr.
- EME 312 Teaching Language Arts, 3 cr.
- EME 316 Mathematics Curriculum and Methods, 3 cr.
- EME 322 Social Studies Curriculum and Methods, 3 cr.
- EME 332 Science Curriculum and Methods, 3 cr.

12 credits:

- ECE 401 Clinical Practice and Seminar – Pre-Kindergarten or Kindergarten, 3–6 cr.
- EME 420 Clinical Practice and Seminar – Elementary–Grades 1–6, 6 cr.

ELEMENTARY–MIDDLE EDUCATION PROGRAM (BSED)

The major in elementary–middle education prepares students to teach children from ages 6 through 12–13 (grades 1–8) and leads to a Bachelor of Science in Education degree. The middle childhood–early adolescence licensure program is designed to prepare students to view children and youth in a holistic manner, to understand the developing human person, to assess learning, and to teach through the application of appropriate curriculum and methodology. Study of an academic minor leading to Wisconsin Licensure is required.

ELEMENTARY–MIDDLE EDUCATION MAJOR

Licensure: Middle Childhood–Early Adolescence Education, ages 6–12 or 13 (grades 1–8)

General Education Program: 46–49 credits University requirements, including ART 103; BIO 100 and BIO 150, or BIO 104 or BIO 114; CHE 101 or CHE 103 or PHS 102 or PHS 108 or PHS 110 or PHS 203 or PHS 211; MUS 101 or MUS 200, or MUS 202 or MUS 203 or MUS 205; COM 101 or COM 232; HIS 101; PSY 105; EDU 202; MAT 150

Other requirements

9 credits:

- POS 205 American Government, 3 cr.
- MAT 151 Mathematics for Elementary School Teachers II, 3 cr.
- HIS 102 or HIS 111 or HIS 112, 3 cr.

Minor

15–28 credits:

See specific minor program for required courses

Elementary–middle and education courses

53 credits as follows:

41 credits:

- EDU 010 Field Experience One, ½ cr.
 EDU 020 Field Experience Two, ½ cr.
 EDU 030 Field Experience Three, ½ cr.
 EDU 040 Field Experience Four, ½ cr.
 EDU 100 Introduction to Education and Classroom Management, 2 cr.
 EDU 200 Technology in Education, 3 cr.
 EDU 202 Psychology of Learning, 3 cr.
 EDU 213 Introduction to Special Education, 3 cr.
 EDU 301 Intercultural Studies for Educators, 3 cr.
 EDU 412 Educational Measurement and Assessment, 3 cr.
 EME 206 Health and Physical Education Curriculum and Methods, 2 cr.
 EME 303 Primary Reading: Teaching and Assessment, 3 cr.
 EME 304 Intermediate Reading: Teaching and Assessment, 3 cr.
 EME 306 Music Curriculum and Methods, 2 cr.
 or
 EME 311 Art Curriculum and Methods in Early Childhood, Elementary, and Middle Schools, 2 cr.
 EME 312 Teaching Language Arts, 3 cr.
 EME 316 Mathematics Curriculum and Methods, 3 cr.
 EME 322 Social Studies Curriculum and Methods, 3 cr.
 EME 332 Science Curriculum and Methods, 3 cr.

12 credits:

- EME 430 Clinical Practice and Seminar – Elementary–Grades 1–8, 1–12 cr.
 EME 450 Clinical Practice and Seminar – Minor, 3–6 cr.

SPECIAL EDUCATION PROGRAM (BSED)

The Special Education program prepares candidates to meet the diverse learning needs of all students. The program will prepare you to work with students with disabilities and leads to licensure in Special Education for Cross Categorical (801) and Specific Learning Disabilities (811) at both the 72 and 73 levels.

SPECIAL EDUCATION MAJOR**Licensure:**

Middle Childhood–Early Adolescence Education, ages 6–12 or 13 (grades 1–8) Cross Categorical and SLD
 Early Adolescence–Adolescence (ages 10–21 or grades 5–12)
 Cross Categorical and SLD

General Education Program: 46–49 credits University requirements, including ART 103; BIO 100 and BIO 150, or BIO 104 or BIO 114; CHE 101 or CHE 103 or PHS 102 or PHS 108 or PHS 110 or PHS 203 or PHS 211; MUS 101 or MUS 200, or MUS 202 or MUS 203 or MUS 205; COM 101 or COM 232; HIS 101; PSY 105; EDU 202; MAT 150

Other requirements**9 credits:**

- POS 205 American Government, 3 cr.
 MAT 151 Mathematics for Elementary School Teachers II, 3 cr.
 HIS 102 or HIS 111 or HIS 112, 3 cr.

Minor**15–28 credits:**

See specific minor program for required courses

Elementary–middle and education courses**58 credits as follows:****46 credits:**

- EDU 010 Field Experience One, ½ cr.
 EDU 020 Field Experience Two, ½ cr.
 EDU 030 Field Experience Three, ½ cr.
 EDU 040 Field Experience Four, ½ cr.
 EDU 100 Introduction to Education and Classroom Management, 2 cr.
 EDU 200 Technology in Education, 3 cr.
 EDU 202 Psychology of Learning, 3 cr.
 EDU 213 Introduction to Special Education, 3 cr.
 EDU 301 Intercultural Studies for Educators, 3 cr.
 EDU 412 Educational Measurement and Assessment, 3 cr.
 EME 303 Primary Reading: Teaching and Assessment, 3 cr.
 EME 304 Intermediate Reading: Teaching and Assessment, 3 cr.
 EME 316 Mathematics Curriculum and Methods, 3 cr.
 EME 322 Social Studies Curriculum and Methods, 3 cr.
 EME 332 Science Curriculum and Methods, 3 cr.
 SPE 324 Collaboration and Consultation in Special Education Programs, 3 cr.
 SPE 334 Diagnosis and Assessment of Students with Disabilities, 3 cr.
 SPE 421 Reading Instruction for Students with Disabilities, 3 cr.
 SPE 426 Curriculum and Methods for Learners with Special Needs, 3 cr.

12 credits:

- SPE 430 Clinical Practice and Seminar – Elementary–Grades 1–8, 1–12 cr.
 SPE 450 Clinical Practice and Seminar – Minor, 3–6 cr.

MIDDLE–SECONDARY EDUCATION PROGRAM (BS)

The middle–secondary education program is designed for students interested in teaching youth ages 10–21 (grades 5–12). The program is designed to prepare the students to view children and youth in a holistic manner, to understand the developing human person, to assess learning, and to teach through the application of appropriate curriculum and methodology. The early adolescence–adolescence licensure

program requires an academic major leading to licensure in addition to the middle-secondary education major.

MIDDLE–SECONDARY EDUCATION MAJOR

Licensure: Early Adolescence–Adolescence Education ages 10–21 (grades 5–12)

General Education Program: 46–49 credits University requirements, including Art elective; BIO 100 and BIO 150, or BIO 104 or BIO 114; CHE 101 or CHE 103 or PHS 102 or PHS 108, or PHS 110 or PHS 203 or PHS 211; HIS 101; PSY 105; EDU 202; COM 101 or COM 232; Music Elective, 3 cr. (see selections in Liberal Arts Core Curriculum)

See content area major for course requirements.

Other requirements

6 credits:

POS 205 American Government, 3 cr.
HIS 102 or HIS 111 or HIS 112, 3 cr.

Middle–secondary education courses

37 credits as follows:

22 credits:

EDU 010 Field Experience One, ½ cr.
EDU 020 Field Experience Two, ½ cr.
EDU 030 Field Experience Three, ½ cr.
EDU 040 Field Experience Four, ½ cr.
EDU 100 Introduction to Education and Classroom Management, 2 cr.
EDU 200 Technology in Education, 3 cr.
EDU 202 Psychology of Learning, 3 cr.
EDU 213 Introduction to Special Education, 3 cr.
EDU 301 Intercultural Studies for Educators, 3 cr.
EDU 412 Educational Measurement and Assessment, 3 cr.
SEC 310 Academic Literacy, 3 cr.

12 credits:

SEC 450 Clinical Practice and Seminar – Secondary–Grades 9–12, 1–12 cr.
SEC 455 Clinical Practice and Seminar – Middle Level Grades 5–8, 1–6 cr.

3 credits from the following:

FLE 470 Foreign Language Curriculum and Methods: Elementary, Middle, and Secondary School Levels, 3 cr.
SEC 410 English/Language Arts Curriculum and Methods, 3 cr.
SEC 420 Social Studies Curriculum and Methods, 3 cr.
SEC 430 Science Curriculum and Methods, 3 cr.
SEC 440 Mathematics Curriculum and Methods, 3 cr.

Majors leading to licensure: biology, broad field science, broad field social studies, chemistry, english, and mathematics.

RELIGIOUS EDUCATION MINOR

Religious education is a theological and interdisciplinary discipline by which people help others develop their intrinsic bond with God and find meaning within their everyday life experiences. In particular, Christian religious education, while open to genuine dialogue with people of other religious and faith traditions, has as its starting point the life, death, and resurrection of Jesus Christ.

18 credits as follows:

9 credits:

EDR 231 Introduction to Religious Education, 3 cr.
EDR 302 Religious and Ethical Development, 3 cr.
EDR 385 Religious Education Curriculum, 3 cr.

9 credits from the following:

EDR 332 Interreligious and Interfaith Dialogue, 3 cr.
EDR 350 Holocaust and Genocide: Religious Influences, 3 cr.
EDR 380 Jewish-Christian Relations, 3 cr.
EDR 404 Special Topics, 1–3 cr.
EDU 301 Intercultural Studies for Educators, 3 cr.
HIS 301 Church History to the Reformation, 3 cr.
HIS 302 Church History since the Reformation, 3 cr.
PHI 306 Ethics of Gender, Race, and Class, 3 cr.
PHI 308 Philosophy of Religion, 3 cr.
THE 210 Understanding the Scriptures, 3 cr.
THE 327 Vatican II, 3 cr.

GRADUATE PROGRAMS

The School of Education offers graduate education degrees and licensure programs designed to meet the needs of educators with established careers. Students in the Master of Arts in Education (MAE) degree program are encouraged to apply course materials consistently to their own experience. As part of the Master of Arts in Education degree program, educators may focus on specific areas within an emphasis in curriculum and instruction or leadership studies. A Ph.D. degree in Educational Administration and Leadership Studies allows students to pursue the superintendent licensure. See the Graduate Studies bulletin for additional information regarding these programs.

SCHOOL OF NURSING AND HEALTH PROFESSIONS

Linda Matheson, Ph.D., Dean

Regina Hall, room 122
920.923.7668

Excellence in education is at the forefront of Marian's commitment to students. Graduates of our health professions programs are prepared for the ever-changing, complex, and challenging health care environment. Advancing its legacy of more than 45 years of quality nursing education, the School of Nursing and Health Professions integrates founding principles and Marian's core values --- community, learning, service, social justice, and spiritual traditions --- into health profession education that fosters professional growth, professional development, and commitment to life-long learning. The School of Nursing and Health Professions strives to provide an educational environment that propels students to take personal responsibility for acquiring knowledge, forming values, developing effective communication and critical thinking skills, analyzing situations, and making independent judgments.

At the baccalaureate level, the broad education foundation helps students develop an in-depth understanding of societal and health care issues. Students achieve success in the classroom and in the clinical/field experiences through their partnership with experienced faculty, agency preceptors, and fellow students.

At the master's level, learning is expanded and focused so that the student can assume advanced practice and leadership roles in health care fields of advanced practice nursing and thanatology.

The distinguished legacy of excellence in health care education continues as evidenced in our graduates who are highly regarded by their employers for their professional competence and leadership abilities.

The School of Nursing and Health Professions offers these programs of study:

Baccalaureate:

- A major in community health and human services culminating in a Bachelor of Science degree.
- A major in exercise and sports science with two concentrations: kinesiology and health and wellness, culminating in a Bachelor of Science degree.
- A major in nursing culminating in a Bachelor of Science in Nursing (BSN) degree, which leads to eligibility to sit for the licensure exam to become a registered nurse.
- A major in nursing culminating in a BSN for Registered Nurses (RNs) who have previously earned an associate degree in nursing or a nursing diploma. This program is

structured such that RNs can transition directly into the graduate nursing program.

- A major in radiologic technology culminating in a Bachelor of Science in Radiologic Technology (BSRT), which leads to eligibility to sit for the American Registry of Radiologic Technologists (ARRT) exam to become a registered radiologic technologist.
- A major in radiologic technology culminating in the BSRT for individuals who have previously completed a hospital-based or associate degree radiologic technology program. This program is structured as a fully online program.
- A major in diagnostic medical sonography culminating in a Bachelor of Science degree, which leads to eligibility to sit for the certification examinations offered by the American Registry of Diagnostic Medical Sonographers (ARDMS).
- A major in medical sonography completion (structured like BSRT program mentioned above).
- A major in social work culminating in a Bachelor of Social Work (BSW) degree.

Master's:

- A major in nursing culminating in a Master of Science in Nursing (MSN) degree for RNs with an earned BSN who desire to pursue advanced practice in either the Family Nurse Practitioner or Nurse Educator track.
- A post-graduate certificate in nursing education provides the nurse who has already attained a MSN degree the knowledge and experience necessary for providing educational experiences in academic or non-academic settings.
- A major in thanatology culminating in a Master of Science in Thanatology. This program is designed to prepare individuals for employment in organizations that focus on the delivery of care for individuals and families confronting end-of-life healthcare and subsequent bereavement issues, and/or to prepare individuals for employment in organizations that specialize in suicide prevention, intervention and postvention.
- A certificate in thanatology designed for individuals who already hold a Master's degree in another discipline.

Graduate Studies Programs

Refer to the Adult and Graduate Studies section of the academic bulletin for specific information on graduate and post-graduate programs.

Accreditation

Several programs in the School of Nursing & Health Professions hold specialty accreditation from national accrediting organizations.

The baccalaureate degree in nursing and the master's degree in nursing at Marian University are accredited by the:

Commission on Collegiate Nursing Education
 One Dupont Circle, NW, Suite 530
 Washington, DC 20036
 Phone: (202) 887-6791
<http://www.ccneaccreditation.org>

The radiologic technology program at Marian University is accredited by the:
 Joint Review Committee on Education in Radiologic Technology (JRCERT)
 20 N. Wacker Drive, Suite 2850
 Chicago, IL 60606-5300
 Phone: (312) 704-5300
www.jrcert.org

The social work program at Marian University is accredited by the:
 Council on Social Work Education (CSWE)
 1701 Duke Street, Suite 200
 Alexandria, VA 22314
 Phone: (703) 683-8080
www.cswe.org

Background Checks

To comply with federal and state laws and regulations, background checks of nursing, radiologic technology, and social work students are implemented through the School of Nursing and Health Professions. Although Marian University and the School of Nursing and Health Professions do not exclude students based upon the results of this background check, clinical/field experience agencies reserve the right to refuse admittance of any student to their facility based on the information obtained in the background checks. Agency refusal to accept a student results in the student not being able to complete the requirements necessary for progression in any of these programs.

TRADITIONAL PROGRAMS

COMMUNITY HEALTH AND HUMAN SERVICES PROGRAM (BS)

Successful completion of the Community Health and Human Services major prepares students for a variety of entry-level positions in community agencies providing services to diverse populations. The program integrates rigorous academic instruction with practical application, blending liberal arts with theoretical foundations of human services, health care, diversity and population needs, research, program development/evaluation, and intervention methods and skills. Students are prepared to engage in service that recognizes holistic interventions focusing on physical, social and emotional well-being of individuals, families, groups, and communities. A capstone experience provides each student a chance to put skills and knowledge into practice.

COMMUNITY HEALTH AND HUMAN SERVICES MAJOR

General Education Program: 46-49 credits of University requirements, including School of Nursing and Health Professions course requirements: PSY 105; SOC 100; SWK 210.

38 credits as follows:

23 credits:

CHH 300	History of Health and Welfare Policy, 3 cr.
CHH 495	Community Health and Human Services Capstone, 3 cr.
NRS 325	Health Care Systems, 2 cr.
HIS 205	History of Selected Minorities, 3 cr.
SWK 101	Introduction to Social Work and Human Services, 3 cr.
SWK 111	Interpersonal Skills, 3 cr.
SWK 301	Human Behavior and the Social Environment, 3 cr.
SWK 352	Research Methods, 3 cr.

15 credits of electives (from the list below or as approved by advisor):

BIO 220	Medical Terminology, 2 cr.
CHH 204	Special Topics, 1-3 crs.
CHH 304	Pathophysiology, 3 cr.
CHH 305	Poverty and Community Health, 3 cr.
CHH 404	Special Topics, 1-3 crs.
CHH 410	Community Health Theory and Practice, 3 cr.
CHH 411	Aging in the 21 st Century, 3 cr.
CHH 430	Community Mental Health, 3 cr.
COM 334	Discussion and Small Group Interaction, 3 cr.
NRS 365	Health Care Informatics, 2 cr.
NUR 225	Nutritional Concepts, 3 cr.
PSY 211	Abnormal Psychology, 3 cr.
PSY 301	Drugs and Behavior, 3 cr.
PSY 302	Introduction to Clinical Counseling, 3 cr.
PSY 308	Theories of Personality, 3 cr.
PSY 321	Applied Behavior Modification, 3 cr.
PSY 322	Childhood Psychopathology, 3 cr.
PSY 331	Neuroscience, 3 cr.
SWK 322	Grant Writing, 3 cr.
SWK 422	Law and the Helping Professions, 3 cr.
THA 205	Dying, Death, and Bereavement, 3 cr.
THA 420	Understanding Bereavement, 3 cr.
THA 421	End-of-Life Care, 3 cr.
THA 422	Children, Teens, and Death, 3 cr.
THA 423	Comprehending Suicide, 3 cr.

33 credits:

University electives

Additional requirements:

Student must meet standard University requirements for admission and progression.

DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM (BS)

The Diagnostic Medical Sonography Program includes 2–3 years of academic study followed by two years of professional study. Upon completion of the required Marian University courses, students complete their degree in an independent accredited clinical program.

DIAGNOSTIC MEDICAL SONOGRAPHY MAJOR

General Education Program: 46-49 credits of University requirements, including School of Nursing and Health Professions course requirements (48–51 credits): BIO 100; CHE 103; COM 101 or COM 232 or COM 302; MAT 114 or MAT 112 or MAT 201; PHI 220; and PSY 101 or PSY 105.

77 credits as follows:**17 credits:**

BIO 205	Fundamentals of Anatomy and Physiology, 5 cr.
BIO 220	Introduction to Medical Terminology, 2 cr.
CHH 304	Pathophysiology, 3 cr.
NRS 365	Health Care Informatics, 2 cr.
PHS 211	Elementary Physics, 5 cr.

60 credits:

Two years in a diagnostic medical sonography program from an accredited school of diagnostic medical sonography affiliated with Marian University.

During the clinical program, students register for courses to maintain continuous enrollment at Marian University and to indicate their progress in their off-campus training, beginning with their entrance into an accredited School of Diagnostic Medical Sonography. Course numbers and sequence vary by clinical program.

DMS 380	Diagnostic Medical Sonography Clinical I, 12 cr.
DMS 390	Diagnostic Medical Sonography Clinical II, 12 cr.
DMS 395	Diagnostic Medical Sonography Clinical III, 6 cr.
DMS 400	Diagnostic Medical Sonography Clinical IV, 12 cr.
DMS 410	Diagnostic Medical Sonography Clinical V, 12 cr.
DMS 415	Diagnostic Medical Sonography Clinical VI, 6 cr.

Refer to the Adult Undergraduate Programs section for information regarding the Diagnostic Medical Sonography Completion Program.

EXERCISE AND SPORT SCIENCE PROGRAM (BS)

The Exercise and Sport Science program (ESS) is designed to prepare students for careers in fields focused on promoting healthy lifestyles and enhancing performance in exercise, sport and physical activity settings. Utilizing an interdisciplinary approach, students majoring in ESS select from one of two concentrations: Health and Wellness or Kinesiology. Knowledge and skills related to biomechanics, anatomy and physiology, social sciences, physical fitness and conditioning, administration, and other associated areas are obtained

through completion of prescribed course work and field experience opportunities. Students with a major in ESS are prepared to pursue entry-level careers in fitness, sport, and wellness in both private and public sectors.

EXERCISE AND SPORT SCIENCE MAJOR

General Education Program: 46-49 credits of University requirements, including School of Nursing and Health Professions course requirements (48–51 credits): BIO 100; CHE 103; COM 232; MAT 114; PHI 220; and PSY 105.

63 credits as follows:**45 credits:**

BIO 150	Life Systems Laboratory, 1 cr.
BIO 201	Anatomy and Physiology I, 4 cr.
BIO 202	Anatomy and Physiology II, 4 cr.
BIO 220	Medical Terminology, 2 cr.
ESS 200	Introduction to Exercise and Sport Science, 1 cr.
ESS 205	Health, Safety, and First Aid, 2 cr.
ESS 320	Current Issues in Sport, 2 cr.
ESS 325	Sociology of Sport, 3 cr.
ESS 330	Prevention, Care, and Treatment of Athletic Injuries, 3 cr.
ESS 340	Exercise Physiology, 3 cr.
ESS 345	Biomechanics, 3 cr.
ESS 350	Organization and Administration of Athletics, 3 cr.
NUR 225	Nutritional Concepts, 2 cr.
NRS 230	Health Assessment, 4 cr.
PHS 211	Elementary Physics, 5 cr.
SRM 301	Legal Issues in Sport and Recreation Management, 3 cr.

Complete one area of concentration below:**Kinesiology concentration****18 credits:**

ESS 420	Principles of Strength Training and Conditioning, 3 cr.
ESS 421	Exercise Prescription, 3 cr.
ESS 422	Strength Training Program Design, 3 cr.
ESS 423	Theories and Principles of Weight Management, 3 cr.
ESS 497	Exercise and Sport Science Internship, 6 cr.

Health and Wellness concentration**18 credits:**

ESS 430	Health and Wellness Leadership, 3 cr.
ESS 431	Personal and Group Wellness, 3 cr.
ESS 432	Community Outreach and Health Promotion, 3 cr.
ESS 433	Psychological and Motivational Aspects of Sport, 3 cr.
ESS 497	Exercise and Sport Science Internship, 6 cr.

8-11 credits:

University electives

ATHLETIC COACHING MINOR PROGRAM

Licensure: Wisconsin Coaching (540) Early Childhood–Adolescence Education (74) Supplemental Teaching Category. Also available for non-education majors without leading to licensure.

The Athletic Coaching minor is designed to prepare students for certain coaching responsibilities within schools and/or recreational programs. The required curriculum prepares students to begin a career in coaching by focusing on the organization and administration of athletics as well as hands-on experiences in coaching theories and sport-specific training opportunities. Attention is also given to the prevention and care of common injuries along with a look at the psycho-social aspects that influence sports organizations. Students are provided with opportunities to learn first-hand from seasoned coaches and professionals, and then to take that knowledge into a field experience with a local program.

ATHLETIC COACHING MINOR

24 credits as follows:

22 credits:

ESS 205	Health, Safety, and First Aid, 2 cr.
ESS 210	Principles of Coaching, 2 cr.
ESS 320	Current Issues in Sport, 2 cr.
ESS 325	Sociology of Sport, 3 cr.
ESS 330	Prevention, Care, and Treatment of Athletic Injuries, 3 cr.
ESS 350	Organization and Administration of Athletics, 3 cr.
ESS 420	Principles of Strength Training and Conditioning, 3 cr.
ESS 433	Psychological and Motivational Aspects of Sport, 3 cr.
ESS 491	Coaching Practicum, 1 cr.

2 credits:

Choose two Sport Theory courses from the following:

ESS 110	Sport Theory: Basketball, 1 cr.
ESS 111	Sport Theory: Football, 1 cr.
ESS 112	Sport Theory: Ice Hockey, 1 cr.
ESS 113	Sport Theory: Soccer, 1 cr.
ESS 114	Sport Theory: Volleyball, 1 cr.
ESS 115	Sport Theory: Baseball, 1 cr.
ESS 116	Sport Theory: Softball, 1 cr.
ESS 117	Sport Theory: Tennis, 1 cr.
ESS 118	Sport Theory: Golf, 1 cr.
ESS 119	Sport Theory: Track and Field, 1 cr.
ESS 120	Sport Theory: Officiating, 1 cr.
ESS 121	Sport Theory: Weightlifting, 1 cr.

BACCALAUREATE IN NURSING DEGREE PROGRAMS (BSN)

Students gain applied knowledge for competent nursing care and develop a profound appreciation for the importance of nursing research as the stronghold of evidence-based practice.

Pre-licensure BSN Program

The pre-licensure undergraduate program prepares beginning students for professional nursing while completing coursework in liberal arts, biopsychosocial sciences and nursing. This program is designed so that a student may complete the curriculum in eight semesters (four years). Degree completion may take longer if progression requirements are not met in a timely fashion. Students begin nursing coursework after completion of three semesters of general education coursework and complete a five-semester plan. New cohorts begin in the fall and spring semesters of each year. Graduates are eligible to write the National Council Licensure Examination for Registered Nurses (NCLEX-RN®).

ADMISSION CRITERIA FOR PRE-LICENSURE BSN NURSING MAJORS

- Traditional freshmen may declare the nursing major if the student demonstrates completion of a college preparatory curriculum in high school that includes a minimum of:
 - Biology,
 - Chemistry,
 - English (4 semesters), and
 - Math (2 semesters including Algebra),
- Transfer students may declare the nursing major if progression criteria as outlined below are met.

PROGRESSION CRITERIA FOR PRE-LICENSURE BSN NURSING MAJORS

Criteria for-Progression to Sophomore-Level Nursing Course Work

- Minimum 3.0 cumulative GPA (CGPA) calculated on a minimum of 46 college-level credits and using credits from all schools attended. Once 12 credits have been earned at Marian University, only the Marian University credits will be used for cumulative GPA calculation if those credits were earned within the last 2 years. If the Marian University credits were earned more than 2 years ago the GPA will be calculated using credits from all schools attended. The 46 college-level credits must include the following courses or equivalents with a minimum grade of "C" (2.0) or better.
 - PSY 105 Human Growth and Development
 - ENG 105 Expository Writing
 - ENG 106 Argumentative and Research Writing
- Minimum 2.5 math/science GPA calculated on all required math and/or science courses completed at Marian University or another institution (*courses must have been completed within the last 7 years).
 - BIO 100 Life Systems
 - BIO 201 Anatomy & Physiology I*
 - BIO 202 Anatomy & Physiology II*
 - BIO 210 Microbiology*
 - CHE 103 General, Organic & Biochemistry*
 - PSY 210 Statistical Techniques for Research Data Analysis

3. Completion of standardized admission assessment exam.
4. Submission of criminal background check and health and safety requirements.
5. An interview may be required.

Criteria for progression to junior and senior level nursing coursework:

1. Maintain a 2.750 Cumulative GPA (on a 4.0 scale) based on all credits earned at Marian University.
2. Earn at least a C grade (2.0) in all required nursing courses.
3. Completion of required competency testing and evaluations.
4. Completion of Medication Safety Competency exams meeting the required minimum standard.
5. Completion of an annual nursing student in-service in preparation for clinical.
6. Maintain up-to-date and accurate health and safety records as outlined in the Health and Safety Policy.

Failure to meet any requirement by the stated deadline will impact progression and anticipated graduation date.

Graduation Requirements:

1. Completed all courses required for the nursing major with a C (2.0) or better.
2. Satisfied all university graduation requirements per university policy.

Nursing Major Probation:

1. A probationary semester will be allowed one time for a student who has earned a Cumulative GPA in the range from 2.700-2.749 and has also met all other progression requirements including a C (2.0) in all nursing courses. The student will be granted the probationary semester and allowed to continue in nursing course work to achieve the CGPA progression requirement.
2. Failure to meet the CGPA progression requirement at the conclusion of the probationary semester, or in any subsequent semester, will result in dismissal from the nursing program. A petition for readmission to the nursing major will not be considered until the dismissed student has met all progression requirements.
3. A student on probation due to not meeting CGPA progression requirements must successfully complete all nursing courses enrolled in during the probation semester with a C (2.0) or better. Withdrawal from a course does not constitute successful completion of a course.
4. A student, who opts to not take the probation semester, but instead moves out of sequence taking non-nursing coursework to achieve the 2.750 CGPA progression requirements, will be allowed to progress in major. In this situation, progression in the nursing major is on a space available basis.

Note: Should a student not meet the CGPA progression requirement in a subsequent semester, the student will be

dismissed from the nursing program for failure to meet the CGPA progression requirement for the second time.

Notes:

- A student must complete the nursing program within four (4) years from the time entering the first nursing course.
- Only one required math or one required science course with a grade less than "C" (2.0) will be allowed to be repeated once to obtain a grade of "C" (2.0) or better for that course. This requirement applies to all required math and science courses taken at Marian University as well as those taken at other institutions. A second grade of less than "C" (2.0) in the repeated course or any other required math or science course will result in dismissal from the nursing program.
- Students who achieve less than a C grade in a required nursing course must successfully repeat the respective course before progressing in the program. This progression in the major is not guaranteed and is handled on a space available basis. A student must work with his or her academic advisor when planning to repeat classes.
- A student may only re-enroll in one nursing course while in the nursing program. This related to courses in which a student earns less than a C grade **or** receives a WD for a course. The exception to this is if a student is granted a medical withdrawal for all nursing courses in a single semester. In this instance the student may re-enroll in all courses on a space available basis. If the student drops or fails any of the courses during the re-enrollment, the student will be dismissed from the program.
- A student who is granted a medical withdrawal may repeat only one semester of nursing courses. Re-enrollment in nursing courses is on a space available basis and therefore if not guaranteed.
- All courses registered for must be completed with a posted grade. A student may not progress in the nursing curriculum plan until incompletes (including incompletes for medical reasons) are removed from the transcript.
- Essential capabilities are necessary in the complex discipline of nursing. To enter or progress in the nursing curriculum, the candidate must be able to perform all of the essential capabilities (with or without accommodations). See Essential Capabilities of Nursing Majors in the Student Nursing Handbook.

PRE-LICENSURE NURSING MAJOR (BSN) REQUIRED COURSEWORK

General Education Program: 46-49 credits of University requirements which must include nursing program specific requirements (61 credits):

BIO 100	Life Systems, 3 cr.
BIO 201	Anatomy and Physiology I, 4 cr.
BIO 202	Anatomy and Physiology II, 4 cr.
BIO 210	Fundamentals of Microbiology, 3 cr.
CHE 103	General, Organic and Biochemistry, 5 cr.
COM 302	Intercultural Communication, 3 cr.
PHI 220	Bioethics, 3 cr.
PSY 105	Human Development, 3 cr.
PSY 210	Statistical Techniques for Research Data Analysis, 3 cr.

67 credits as follows:

62 credits:

NRS 200	Health Promotion, Wellness, and Safety across the Lifespan, 6 cr.
NRS 215	Introduction to Pharmacology, 2 cr.
NRS 230	Health Assessment, 4 cr.
NRS 300	Patient Centered Care across the Lifespan I, 6 cr.
NRS 315	Psychosocial Integrity across the Lifespan, 3 cr.
NRS 325	Health Care Systems, 2 cr.
NRS 335	Research in Health Care, 3 cr.
NRS 350	Patient Centered Care across the Lifespan II, 6 cr.
NRS 365	Health Care Informatics, 2 cr.
NRS 400	Patient Centered Care across the Lifespan III, 6 cr.
NRS 415	Leadership and Health Care Professionals, 3 cr.
NRS 425	Trends and Issues in Health Care, 2 cr.
NRS 430	Population Health Nursing, 5 cr.
NRS 450	Patient Centered Care across the Lifespan IV, 4 cr.
NRS 461	Concept Synthesis, 1 cr.
NRS 470	Senior Capstone, 4 cr.
SWK 422	Law and the Helping Professions, 3 cr.

5 credits of health care focused electives

(as approved by advisor)

BSN program for RNs

Registered nurses (RNs) prepared with an associate degree in nursing or a nursing diploma may complete a streamlined program of study that provides for the completion of a Bachelor of Science in Nursing (BSN) in an online learning environment.

Students in the online RN-BSN program can expect to complete 57 credits at Marian University: 24 credits in liberal arts and sciences, and 33 nursing credits. Students progress to the

nursing major upon completion of all but 15 credits in the Liberal Arts Core Curriculum (LACC). All courses taken at Marian University will be taught online.

Admission and Progression

Students seeking admission to the RN-BSN online program are required to submit a completed application (online or paper form) to the Admissions Office. A \$50 non-refundable application fee must accompany the application. Before initiating course work, the RN applicant must submit official transcripts from all institutions of higher learning; the Registrar shall evaluate the transcripts for credit transfer. A high school transcript is required if fewer than 32 credits have been earned at a post-secondary institution. Transfer credit from other institutions may satisfy some general studies and science requirements along with articulated nursing credit.

In accordance with Marian University transfer policy and policies set forth by the School of Nursing and Health Professions for the award of nursing credit, credit for prior learning, certification credentials, and credit for demonstrated higher level knowledge, RNs with an associate degree in nursing bring to Marian University approximately half of the 128 credits required for a Bachelor of Science in Nursing degree.

Students who have acquired academic credits at another regionally accredited college or university may be admitted to Marian University with advanced standing. To be considered for admission as a transfer student, a minimum cumulative grade point average (GPA) of 2.00 (on a 4.00 scale) is required. To be accepted as transfer credit a grade C- or better must have been earned in college or university courses; however, a grade of C or better is required for transfer of credit earned in nursing, math, and science courses. The Marian GPA is based solely on courses taken at Marian University.

All official post-secondary transcripts will be evaluated upon receipt for previously earned credit. Credit accepted for transfer will be reported in a written evaluation provided to the applicant.

Prerequisite Courses

Prerequisite courses for the nursing major are often met by credits transferring from associate degree or diploma nursing programs. If coursework completed previously is insufficient to meet prerequisite requirements, students may satisfy those requirements through challenge exams or by earning additional course credit. Prior to beginning any online courses at Marian University, students in the online RN-BSN program must complete BUA 204, the online orientation course.

Transferred and Articulated Nursing Credit

A minimum of 32 nursing credits are applied to the undergraduate program requirements for demonstrated higher level knowledge evidenced by RN licensure. Additional

nursing credit earned previously may transfer in accordance with Marian University articulation agreements and/or transfer policies.

General Education Program

The RN-BSN online program includes the Liberal Arts Core Curriculum (LACC) established by the University and described in the current Academic Bulletin. The LACC requirement of a lab science is waived for RN-BSN students.

Policy for Transfer of Science Credit

All anatomy, physiology, and microbiology courses successfully completed with a grade of C or better (2.00 or higher on a 4.00 scale) or repeated with a grade of C or better prior to enrollment for RN-BSN online studies at Marian University shall be accepted as meeting all BIO prerequisites for admission to the nursing major. Credit earned through challenge exams and/or coursework will be required for those RNs whose academic history prior to licensure includes documented grades less than C (2.00 or less on a 4.00 scale) in anatomy, physiology, and/or microbiology.

Note: The RN-BSN student who intends to progress to graduate nursing studies at Marian will be required to apply to the MSN program and complete all admission and progression requirements.

Progression to the Nursing Major in the RN-BSN Program

Upon successful completion of all but 15 credits in the Liberal Arts Core Curriculum, students are eligible for progression to the nursing major and all remaining courses in the RN-BSN online program.

Requirements for progression to the nursing major:

- Current licensure as a registered nurse in Wisconsin. RN license must be unencumbered and unrestricted, and have no limitations specified.
- All but 15 credits of the Liberal Arts Core Curriculum (LACC) requirements met. (The requirement for a lab science is waived for students in this program.)
- Prior credit earned must include ENG 105 and ENG 106, or ENG 230, and the math (MAT) common core course (or its equivalent) with a grade of C (2.00) or higher.

RN-BSN online students follow the same guidelines as pre-licensure students for readmission to the nursing major, progression within the nursing major, policies for repeating courses and probation within the nursing core, and all other appropriate policies for the nursing programs in the School of Nursing and Health Professions.

RN-BSN ONLINE UNDERGRADUATE NURSING MAJOR

General Education Program: 45 credits of University requirements

33-34 credits:

NUR 312	Professional Nursing Concepts, 3 cr.
NUR 321	Research Essentials for Evidence-Based Practice, 3 cr.
NUR 309	Pharmacological Intervention of Disease Process, 4 cr.
NUR 328	Health Care Informatics, 2 cr.
SWK 422	Law and the Helping Professions, 3 cr.
NUR 435	Public Health Nursing, 4 cr.
NUR 458	Trends and Issues in Health Care, 2 cr.
NUR 424	Nursing Leadership in Health Care, 3 cr.
NUR 467	Theoretical Foundations for Nursing Practice, 3 cr.
NUR 405	Health Care Delivery Systems, 3 cr.
	Health Care Elective, 3-4 cr.

SR. MARY AGREDA PALLIATIVE CARE CERTIFICATE PROGRAM *(This certificate program does not qualify for Federal Financial Aid)*

The Sr. Mary Agreda Palliative Care Certificate Program is for registered nurses working in acute, chronic, home care, or clinic settings. The focus of this program is to promote optimal care for the serious, chronic, and/or terminally ill within the patient setting. The program examines the multidimensional effects of aggressive disease treatment, as well as the end-of-life journey. Courses provide information, exploration, and discussions of evidence-based palliative care that an RN can utilize. This information can assist the RN to enhance present practice, advocate for best practice, teach others, and improve patient care.

Continuing Education Units (CEUs) from the Wisconsin Nurses Association or college credits are awarded upon successful completion of each course. A certificate is awarded to the RN who successfully completes all three courses.

9 credits:

NUR 475	Structure and Philosophy of Palliative Care, 3 cr.
NUR 480	Psychosocial and Cultural Aspects of Palliative Care, 2 cr.
NUR 485	Physical Care of the Imminently Dying, 4 cr.

RADIOLOGIC TECHNOLOGY PROGRAM (BSRT) (2 to 3 years academic + 2 years professional study)

Serving the health care community, Marian University students in the Radiologic Technology (RT) program take part in a specially designed four year curriculum in which the first two years focus on general liberal arts curriculum and then follows with two years of theory and clinical work in Marian's accredited RT program housed at the Mercy Medical Center campus in Oshkosh, WI. Marian University's RT program is designed around a liberal arts core, with an extensive emphasis in the natural sciences that allows students to fulfill their career goals, while working to provide the best possible care to their future patients.

Students in the Marian University RT program will have experiential learning opportunities in diagnostic radiographic examinations and fluoroscopic procedures as well as many specialized areas in surgical and portable procedures, Interventional Radiology and Cardiology procedures, Computed Tomography (CT) and Magnetic Resonance Imaging (MRI). Students will also have observational experiences in Ultrasound, Nuclear Medicine, and Radiation Therapy.

Upon graduation from the program students will be eligible to sit for the American Registry of Radiologic Technologists (ARRT) national examination. Upon successfully passing the examination, the ARRT will grant the individual the title of "Radiologic Technologist - Registered" (R.T., R.). BSRT students who follow the recommended curriculum plan for course scheduling begin in fall as freshmen students and complete the BSRT degree in four years.

RADIOLOGIC TECHNOLOGY MAJOR

General Education Program: 46-49 credits of University requirements, including School of Nursing and Health Professions Course requirements (48–51 credits): BIO 100; CHE 103; COM 101 or COM 232 or COM 302; MAT 114 or MAT 112 or MAT 201; PHI 220; and PSY 101 or PSY 105.

77 credits as follows:

17 credits:

BIO 205	Fundamentals of Anatomy and Physiology, 5 cr.
BIO 220	Introduction to Medical Terminology, 2 cr.
NRS 365	Health Care Informatics, 2 cr.
PHS 211	Elementary Physics, 5 cr.
SWK 422	Law and the Helping Professions, 3 cr.

60 credits:

Upon completion of the required Marian University courses, students complete their degree requirements through enrollment in an accredited clinical program. Students must apply and be accepted into a program; acceptance is not guaranteed. Once accepted, students complete a total of 60 credits; distinction between Marian's own program (offered at the Mercy Medical Center campus in Oshkosh, WI) and affiliate options are provided below.

Mercy Medical Center campus

Students who have applied and are accepted by the Marian's own Radiologic Technology Program follow the two-year professional training curriculum outlined below:

60 credits (Mercy Medical Center campus):

RAD 301	Fundamentals of Radiologic Science and Healthcare, 0 cr.
RAD 311	Patient Care in the Radiologic Sciences, 3 cr. (2 theory, 1 lab)
RAD 312	Principles of Radiographic Imaging, 4 cr.
RAD 313	Radiographic Procedures and Image Analysis I, 8 cr. (6 theory, 1 lab)
RAD 314	Radiologic Practicum I, 1 cr.

RAD 321	Radiologic Practicum II, 1 cr.
RAD 331	Principles of Radiation Protection and Radiobiology, 3 cr.
RAD 332	Principles of Radiologic Physics, 3 cr.
RAD 333	Radiographic Procedures and Image Analysis II, 4 cr. (3 theory, 1 lab)
RAD 334	Radiologic Practicum III, 2 cr.
RAD 441	Radiographic Procedures and Image Analysis III, 3 cr. (2 theory, 1 lab)
RAD 442	Radiologic Practicum IV, 3 cr.
RAD 451	Principles of Specialized Radiographic Modalities and Pharmacology, 4 cr.
RAD 452	Radiographic Procedures and Image Analysis IV, 6 cr. (5 theory, 1 lab)
RAD 453	Radiologic Practicum V, 2 cr.
RAD 461	Radiologic Practicum VI, 1 cr.
RAD 471	Radiologic Pathophysiology, 3 cr.
RAD 472	Ethics and Law in Radiologic Sciences, 1 cr.
RAD 473	Imaging Equipment and Quality Control, 2 cr.
RAD 474	Radiologic Practicum VII, 1 cr.
RAD 475	Radiologic Practicum VIII, 1 cr.
RAD 476	Senior Capstone, 4 cr.

Information regarding application and acceptance are available in the Radiologic Technology Program Student Handbook, accessible through the Marian University website.

Affiliate clinical programs

Students may also choose to apply through Marian's affiliate clinical programs. Students who are accepted into an affiliate program register for courses to maintain continuous enrollment at Marian University and to indicate their progress in their off-campus training. Course numbers and sequence vary by clinical program:

60 credits (affiliate programs):

RAD 375	Radiologic Technology Clinical I, 6 cr.
RAD 380	Radiologic Technology Clinical II, 12 cr.
RAD 390	Radiologic Technology Clinical III, 12 cr.
RAD 395	Radiologic Technology Clinical IV, 6 cr.
RAD 400	Radiologic Technology Clinical V, 12 cr.
RAD 410	Radiologic Technology Clinical VI, 12 cr.
RAD 415	Radiologic Technology Clinical VII, 6 cr.
RAD 420	Radiologic Technology Clinical VIII, 15 cr.
RAD 430	Radiologic Technology Clinical IX, 15 cr.

SOCIAL WORK PROGRAM (BSW)

The philosophical base of the Social Work Program begins with the Marian University mission to provide a quality liberal arts education to its students. Essential to this mission is the recognition of the interconnectedness between individual and societal well-being, an appreciation for human diversity,

an informed call to remediate social injustice and a respect for holistic problem-solving. The social work program extends this mission and translates its compassion into professional actions for helping individuals, families, groups, communities and societal institutions to affect changes favorable to their mutual well-being. Successful completion of the social work major prepares students for generalist practice in entry-level positions in the social work profession.

Preadmission and transfer requirements

1. Entering students who achieve a cumulative GPA of 2.0 or higher in high school are eligible to declare a major in social work. Transfer students who meet this cumulative GPA requirement, along with a minimum cumulative GPA of 2.25 in the social work prerequisites taken to date, are also eligible to declare a major in social work.
2. Transfer students are required to have previously earned social work foundation course credits validated by social work advisors in order to determine course equivalency for acceptance of transfer credits.
3. The complete preadmission and transfer policies are contained in the social work student handbook, and are available in the social work program office.

Admission to the social work major and degree candidacy

Students apply for admission to the social work major in the second semester of the sophomore year. In the second semester of their junior year, students apply for admission to degree candidacy. Criteria for admission to both the major and degree candidacy include academic standing, pre-professional activities, and indicators of professional readiness. The complete social work program admission policy is in the Social Work Student Handbook. Applications and additional information are available in the social work program office.

SOCIAL WORK MAJOR

General Education Program: 46–49 credits of University requirements, including School of Nursing and Health Professions course requirements (58–61 credits): HIS 205; POS 205; PSY 101; PSY 105; PSY 211; and SOC 100.

SOCIAL WORK MAJOR

45 credits:

- SWK 101 Introduction to Social Work and Human Services, 3 cr.
- SWK 111 Interpersonal Skills, 3 cr.
- SWK 210 Statistical Techniques for Research Data Analysis, 3 cr.
- SWK 301 Human Behavior and the Social Environment, 3 cr.
- SWK 311 Generalist Practice I: Natural Resource Systems, 3 cr.
- SWK 312 Generalist Practice II: Societal Resource Systems, 3 cr.
- SWK 321 Skills Laboratory I, 3 cr.
- SWK 322 Grant Writing, 3 cr.
- SWK 331 Policies and Programs, 3 cr.

- SWK 352 Research Methods, 3 cr.
- SWK 411 Seminar I, 2 cr.
- SWK 412 Seminar II, 2 cr.
- SWK 421 Family Intervention, 3 cr.
- SWK 497 Social Work Internship I, 4 cr.
- SWK 498 Social Work Internship II, 4 cr.

14-17 credits:

University electives

ADULT UNDERGRADUATE PROGRAMS (ACCELERATED/EVENING/ONLINE PROGRAMS)

The accelerated adult undergraduate programs are dedicated to the continued professional and personal growth of the adult learner, incorporating professional education with a rich liberal arts foundation. The accelerated adult undergraduate programs, offered online and in the classrooms at the Fond du Lac Campus and at many other locations throughout the state, provide for continued personal and professional growth of the nontraditional adult learners, and are aligned with the changing needs of communities and organizations in the global workplace. These programs are sometimes internally referred to as “Adult Undergraduate” programs.

Accelerated Undergraduate Degrees:

Bachelor’s Degrees

- Bachelor of Science (BS)
Major: Community Health and Human Services
Major: Diagnostic Medical Sonography
- Bachelor of Science in Nursing (BSN)
- Bachelor of Science in Radiologic Technology (BSRT)

Admission

Refer to the Admission section of the Academic Bulletin for details about admission.

COMMUNITY HEALTH AND HUMAN SERVICES PROGRAM (BS)

Successful completion of the Community Health and Human Services major prepares students for a variety of entry-level positions in community agencies providing services to diverse populations. The program integrates rigorous academic instruction with practical application, blending liberal arts with theoretical foundations of human services, health care, diversity and population needs, research, program development/evaluation, and intervention methods and skills. Students are prepared to engage in service that recognizes holistic interventions focusing on physical, social and emotional well-being of individuals, families, groups, and communities. A capstone experience provides each student a chance to put skills and knowledge into practice.

COMMUNITY HEALTH AND HUMAN SERVICES MAJOR

Liberal arts core

49 credits:

GEN 101	First Year Seminar, 3 cr.
SWK 210	Statistics for Research, 3 cr.
BIO/PHS	Lab Science elective, 4 cr.
MAT XXX	Mathematics elective, 3 cr.
PHI 132	The Examined Life, 3 cr.
ENG XXX	Literature elective, 3 cr.
ART XXX	Art elective, 3 cr.
or	
MUS XXX	Music elective, 3 cr.
XXX	Humanities and the Arts elective, 3 cr.
HIS 101	World Civilizations I, 3 cr.
or	
HIS 102	World Civilizations II, 3 cr.
PSY 105	Human Development, 3 cr.
SOC 100	Introduction to Sociology, 3 cr.
ENG 105	Expository Writing, 3 cr.
ENG 106	Argumentative and Research Writing, 3 cr.
XXX	Applied Liberal Arts elective, 3 cr.
THE 101	Introduction to Christian Theology, 3 cr.
THE 2XX	Theology elective, 3 cr.

38 credits as follows:

23 credits:

CHH 300	History of Health and Welfare Policy, 3 cr.
CHH 495	Community Health and Human Services Capstone, 3 cr.
NRS 325	Health Care Systems, 2 cr.
HIS 205	History of Selected Minorities, 3 cr.
SWK 101	Introduction to Social Work and Human Services, 3 cr.
SWK 111	Interpersonal Skills, 3 cr.
SWK 301	Human Behavior and the Social Environment, 3 cr.
SWK 352	Research Methods, 3 cr.

15 elective credits:

BIO 220	Medical Terminology, 2 cr.
CHH 204	Special Topics, 3 cr.
CHH 304	Pathophysiology, 3 cr.
CHH 305	Poverty and Community Health, 3 cr.
CHH 404	Special Topics, 3 cr.
CHH 410	Community Health Theory and Practice, 3 cr.
CHH 411	Aging in the 21 st Century, 3 cr.
CHH 430	Community Mental Health, 3 cr.
COM 334	Discussion and Small Group Interaction, 3 cr.
EDR 302	Religious and Ethical Development, 3 cr.
EDR 332	Interreligious and Interfaith Dialogue, 3 cr.
NRS 365	Health Care Informatics, 2 cr.
NUR 225	Nutritional Concepts, 3 cr.
PSY 211	Abnormal Psychology, 3 cr.
PSY 301	Drugs and Behavior, 3 cr.
PSY 302	Introduction to Clinical Counseling, 3 cr.

PSY 308	Theories of Personality, 3 cr.
PSY 321	Applied Behavior Modification, 3 cr.
PSY 322	Childhood Psychopathology, 3 cr.
PSY 331	Neuroscience, 3 cr.
SWK 322	Grant Writing, 3 cr.
SWK 422	Law and the Helping Professions, 3 cr.
THA 205	Dying, Death, and Bereavement, 3 cr.
THA 420	Understanding Bereavement, 3 cr.
THA 421	End-of-Life Care, 3 cr.
THA 422	Children, Teens, and Death, 3 cr.
THA 423	Comprehending Suicide, 3 cr.

33 credits:

University electives

DIAGNOSTIC MEDICAL SONOGRAPHY COMPLETION PROGRAM (BS)

This completion program is designed for students who have completed a two-year program in an accredited school of diagnostic medical sonography and wish to achieve a baccalaureate degree. Students are credited with 60 credits toward their degree for having successfully completed the two-year Diagnostic Medical Sonography Program including certification. Coursework includes the liberal arts courses required to complete the baccalaureate degree and a choice among six minors. Students may also opt to earn a business administration double major. This program provides a Bachelor of Science degree to certified Diagnostic Medical Sonography technicians.

One of the following minors is required: business administration, communication, history, information technology, leadership, management, or marketing. The only minors available online are Business Administration and Information Technology.

DIAGNOSTIC MEDICAL SONOGRAPHY MAJOR

Liberal arts core

45 credits:

ENG 230	Professional Composition and Research Writing, 3 cr.
ART XXX	Art elective, 3 cr.
MUS XXX	Music elective, 3 cr.
ENG XXX	Literature elective, 3 cr.
BIO XXX	Biological, ecological, or environmental science elective, 3 cr.
PHS XXX	Physical science, chemistry, or physics elective, 3 cr.
MAT XXX	Mathematics elective, 3 cr.
SOC XXX	Sociology elective, 3 cr.
PSY XXX	General Psychology (PSY 101) or Human Development (PSY 105), 3 cr.
HIS 114	World History since 1900, 3 cr.
HIS 2XX	History elective, 3 cr.
THE 101	Introduction to Christian Theology, 3 cr.

THE 2XX	Theology elective, 3 cr.
PHI 132	The Examined Life, 3 cr.
PHI 2XX	Philosophy elective, 3 cr. (<i>PHI 220: Bioethics recommended</i>)

PHI 132	The Examined Life, 3 cr.
PHI 2XX	Philosophy elective, 3 cr. (<i>PHI 220: Bioethics recommended</i>)

60 credits:

Two-year diagnostic medical sonography program from an accredited school of diagnostic medical sonography transferred as DMS 380, 390, 395, 400, 410, and 415.

15–24 minor credits:

See specific program area for required courses

60 credits:

Two-year radiologic technology program from an accredited school of radiologic technology transferred as RAD 380, 390, 400, and 410.

15–24 minor credits: See specific program area for required courses

RADIOLOGIC TECHNOLOGY COMPLETION PROGRAM (BSRT)

This completion program is designed for students who have completed a two-year program in an accredited school of radiologic technology and wish to achieve a baccalaureate degree. Students are credited with 60 credits toward their degree for having successfully completed the two-year Radiologic Technology Program including certification. Coursework includes the liberal arts courses required to complete the baccalaureate degree and a choice among six minors. Students may also opt to earn a business administration double major. This program provides a Bachelor of Science in Radiologic Technology degree to certified radiologic technicians.

One of the following minors is required: business administration, communication, history, information technology, leadership, management, or marketing.

The BSRT completion program is delivered in two ways: face-to-face and online. The only minors available online are Business Administration and Information Technology.

RADIOLOGIC TECHNOLOGY MAJOR

Liberal arts core

45 credits:

ENG 230	Professional Composition and Research Writing, 3 cr.
ART XXX	Art elective, 3 cr.
MUS XXX	Music elective, 3 cr.
ENG XXX	Literature elective, 3 cr.
BIO XXX	Biological, ecological, or environmental science elective, 3 cr.
PHS XXX	Physical science, chemistry, or physics elective, 3 cr.
MAT XXX	Mathematics elective, 3 cr.
SOC XXX	Sociology elective, 3 cr.
PSY XXX	General Psychology (PSY 101) or Human Development (PSY 105), 3 cr.
HIS 114	World History since 1900, 3 cr.
HIS 2XX	History elective, 3 cr.
THE 101	Introduction to Christian Theology, 3 cr.
THE 2XX	Theology elective, 3 cr.

INTERPRETING COURSE DESCRIPTIONS

ACC	Accounting	HOS	Homeland Security
ARE	Art Education	HSL	Homeland Security Leadership
ART	Art	IDS	Interdisciplinary Studies
ASL	American Sign Language	INS	International Studies
ATH	Art Therapy	JPN	Japanese
BIO	Biology	LDR	Leadership
BUA	Business Administration	MAT	Mathematics
BUS	Business	MGT	Management
CHE	Chemistry	MKT	Marketing
CHH	Community Health and Human Services	MSC	Military Science
CMG	Cultural, Media, and Gender Studies	MTE	Mathematics Education
COM	Communication	MUS	Music
CRJ	Criminal Justice	NRS	Nursing
DMS	Diagnostic Medical Sonography	NUR	Nursing
ECE	Early Childhood–Elementary Education	PHI	Philosophy
ECO	Economics	PHS	Physical Science
EDR	Religious Education	POS	Political Science
EDU	Professional Education	PSY	Psychology
EME	Elementary–Middle Education	RAD	Radiologic Technology
ENG	English	SDM	Self-Designed Major
ESS	Exercise and Sport Science	SEC	Middle–Secondary Education
FIN	Finance	SOC	Sociology
FLA	Foreign Language	SPA	Spanish
FLE	Foreign Language Education	SPE	Special Education
FOS	Forensic Science	SRM	Sport and Recreation Management
FRE	French	SWK	Social Work
GEN	General Education	TEC	Information Technology
GEO	Geography	THA	Thanatology
HCA	Health Care Administration	THE	Theology
HIS	History		

COURSE LEVELS**001–009**

Undergraduate Pre-college level; do not fulfill degree requirements

010–299

Undergraduate Lower level; recommended for freshmen and sophomores

300–499

Undergraduate Upper level; recommended for juniors and seniors

500–999

Graduate courses

SCHEDULE OF COURSE OFFERINGS

Prior to registration, the Office of the Registrar publishes the schedule of course offerings. This schedule lists the courses offered during the upcoming semester, as well as any new or special courses that may not appear in this bulletin. The most current schedule is available online at <https://selfservice.marianuniversity.edu/SelfService/Search/SectionSearch.aspx>.

DUAL-LEVEL COURSES

Dual-level courses are courses within a department that are offered at both the undergraduate and graduate level with the same course descriptions and the same title; however, the level of expectation for both quantity and quality of work performed for graduate credit is greater than that for undergraduate credit. Each dual-level course has both numbers listed (i.e. HIS 405/505).

ACC ACCOUNTING**ACC 201 Financial Accounting**

3 credits

The purpose of this course is to introduce the student to generally-accepted accounting principles, basic accounting systems, accounting theory, and financial statements.

ACC 225 Volunteer Income Tax Assistance

0–3 credits

The Volunteer Income Tax Assistance (VITA) program is designed for those students that want to improve their communication skills, learn a valuable skill for life and help our community in the process. Students will receive IRS certification by passing a series of online classes and classroom training preparing them to be able to assist in the preparation of taxes for those in need. VITA is a national program that will assist our students in gaining experience while giving back to the community in which they live.
(repeatable for credit)

ACC 230 Using Peachtree Software

1 credit

This course allows our students and members of the community to participate in a class that allows the development of accounting and software skills using the Peachtree accounting software package. Not only will students gain the experience and confidence to perform day-to-day operational tasks, they will understand the accounting concepts behind the activities they do. Furthermore, appropriate computer system security and back-up considerations will be reviewed.

ACC 231 Using QuickBooks Software

1 credit

This course allows our students and members of the community to participate in a class that allows the development of accounting and software skills using the QuickBooks accounting software package. Not only will students gain the experience and confidence to perform day-to-day operational tasks, they will understand the accounting concepts behind the activities they do. Furthermore, appropriate computer system security and back-up considerations will be reviewed.

ACC 232 Using Great Plains Software

1 credit

This course allows our students and members of the community to participate in a class that allows the development of accounting and software skills using the Great Plains accounting software package. Not only will students gain the experience and confidence to perform day-to-day operational tasks, they will understand the accounting concepts behind the activities they do. Furthermore, appropriate computer system security and back-up considerations will be reviewed.

ACC 306 Managerial Accounting

3 credits

Prerequisites: ACC 201, MAT 100 or MAT 105 or MAT 111 or MAT 122 or BUA 210 or MAT 130

A continuation of ACC 201 with concentration on corporate financial statements and the basics of managerial cost accounting. Applications are designed to provide exposure to analysis and interpretation of accounting data for managerial planning, control, and decision-making.

ACC 308 Accounting Software

3 credits

This course offers students the opportunity to apply accounting theory to practice and gain an exposure to computerized accounting. Students learn how to open a new company, record accounting transactions, make adjusting entries and create financial statements on customized formats. Students also learn how to perform such day-to-day tasks as creating purchase orders, issuing invoices, receiving and recording inventory, setting prices, recording sales, collecting receivables,

issuing debit or credit memos, doing bank reconciliations, and preparing employee payroll. Students will also learn about system settings for audit trails, password protection, importing and exporting with Microsoft Excel, budgeting, and backups.

ACC 310 Intermediate Financial Accounting I

3 credits

Prerequisite: ACC 201

Builds on the theory and skills introduced in ACC 201 Financial Accounting. Emphasis is on accounting transactions through financial statement construction, valuation and measurement of cash, receivables, inventories, plant and equipment, intangibles, investments, and liabilities. Communication skills, as they apply to the accounting profession, are stressed.

ACC 311 Intermediate Financial Accounting II

3 credits

Prerequisite: ACC 310

An extension of the theory and application of generally-accepted accounting principles with emphasis on accounting for contributed capital, retained earnings, investments, income taxes, pensions, leases, and accounting changes. Revenue recognition and cash flows are also discussed. Application of the generally accepted accounting principles in different areas is emphasized throughout the course.

ACC 312 Advanced Accounting

3 credits

Prerequisite: ACC 311

A study of accounting for business combinations, partnerships, and governmental fund accounting. Extensive coverage of purchase method, intercompany transactions, and consolidated financial statements. Also includes governmental fund accounting.

ACC 331 Income Tax I

3 credits

Prerequisite: ACC 306 or ACC 310

A study of federal income taxes as they apply to individuals with emphasis on determination of gross income, adjusted gross income, deductions, exemptions, and taxes due. Students are required to complete comprehensive individual income tax returns.

ACC 332 Income Tax II

3 credits

Prerequisite: ACC 331

A continuation of ACC 331 dealing with the taxation of corporations and partnerships. Topics include determination of taxable income, transfers to corporations, corporate distributions, and S corporations. Students are required to complete comprehensive corporate and partnership income tax return problems. Service learning through the Volunteer Income Tax Assistance (VITA) Program is integrated throughout the course.

ACC 397 Accounting Internship

0 credits

Prerequisites: BUA 203, ACC 201, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit from applying classroom learning to actual job experience. ("0" credit receives CR/NC grade.)

ACC 404 Special Topics

1–3 credits

A course in which selected topics in accounting are presented. Topics offered are at the department's discretion and vary from offering to offering.

ACC 414 Independent Study

1–3 credits

Prerequisite: Permission

Intensive independent study of a chosen subject. Students are expected to read a substantial number of major works in the field and to prepare a critically documented paper.

ACC 422 Auditing

3 credits

Prerequisite: ACC 311

(Senior standing preferred)

A course covering the philosophy, concepts, and techniques used by independent and internal auditors. Professional ethics and legal relationships, the study and evaluation of internal control, audit program applications, statistical sampling, EDP auditing, and reporting obligations are included in the course. Integrated material provides application of the theory studied in the course. Focus is placed on the analysis and interpretation of data, events, and theory using collaborative learning techniques. Oral and written communication skills are emphasized.

ACC 431 Advanced Cost Accounting

3 credits

Prerequisite: ACC 306

An advanced study of cost accounting systems in both an industrial and service environment. Topics discussed in detail include job order and process costing, standard costs, variance analysis, and activity-based costing. The relationship of budgeting to profit planning and business control is studied and applied.

ACC 497 Accounting Internship

1–3 credits

Prerequisites: BUA 203, ACC 201, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for

evaluation. The student will benefit from applying classroom learning to actual job experience.

ARE ART EDUCATION

ARE 311 Art Curriculum and Methods in Early Childhood and Elementary/Middle Schools

3 credits

Prerequisites: ART 201, EDU 202

An opportunity to apply learning theories to the aesthetic dimension of education. The Art Education major approaches art, culture, and the environment as catalysts for teaching, understands art concepts, and discovers a variety of art processes to make possible meaningful art experiences for sequential levels of learning within the PK–elementary framework.

ARE 312 Curriculum and Instruction in Art Education: PK–12

3 credits

Prerequisite: ARE 311

An examination of the goals and objectives of the art curriculum as it relates to the goals and objectives of education and the development of the child from the holistic point of view. Students investigate theories of curriculum as found in current professional resources and research projects, plan teaching strategies using current methods recommended for the teaching of art, and evaluate this area according to specific assessment tools. This course continues the building of meaningful art experiences begun in ARE 311, focusing on middle–secondary levels of learning. Management techniques for administering and budgeting will accompany the construction of a K–12 curriculum.

ARE 400 Clinical Practice and Seminar - Art Education - PK–5

1–6 credits

Prerequisite: ARE 312

A supervised experience teaching art that provides an opportunity for practical application of educational theory and research. The seminar is designed for students to reflect upon and analyze teaching experiences and discuss relevant issues such as ethics, communication, and classroom management.

ARE 450 Clinical Practice and Seminar - Art Education - Middle–Secondary 5–12

1–6 credits

Prerequisite: ARE 312

A supervised experience that provides an opportunity for practical application of educational theory and research. The seminar is designed for students to reflect upon and analyze teaching experiences and discuss relevant issues such as ethics, communication, and classroom management.

ART ART

ART 010, 020, 030, 040 Art Exhibition Attendance

0 credits

A requirement featuring exhibition attendance as fulfillment of an art major requirement. Students must attend and show evidence of at least one art exhibition per year as a pre-art or art major. *(CR/NC grade only.)*

ART 101 Art Fundamentals

3 credits

An introduction to fundamental art concepts and techniques, including an overview of art history. The course provides basic studio experiences in drawing, painting, and other media, and serves as a prerequisite for additional art electives.

ART 102 Introduction to Art Concepts

3 credits

A course in which non-art majors will be introduced to an understanding and appreciation of art forms. They learn to describe, analyze, interpret, and use evaluative criteria when observing these art forms. It is not intended for education majors.

ART 103 Art Foundation for Educators

3 credits

A basic course developing an art foundation for educators. The art experiences will address necessary objectives for the development of cogent teaching practice including sensory and perceptual awareness, recognition and use of fundamental art concepts, implementation of the creative process, formation or enrichment of art techniques and skills and encouragement for a more profound respect and recognition of the visual arts. This is a required art course for all early childhood–elementary and elementary–middle education majors, and a recommended art core course for other education majors with the exception of art education.

ART 111 Basic Drawing

3 credits

A development of the concepts of awareness and perception of form in nature, in the drawings of major artists, in one's personal life experience and in that coming from diverse cultures. Both a disciplined set of skills and imagination are emphasized. Students use basic drawing tools and materials to apply knowledge of composition with line, value, texture, space relationships, perspective, and the emotional quality of drawing. A studio-intensive course in drawing that will focus on awareness and perception of forms in nature and developing skills needed to render such forms on paper. This is a required course for all art majors. Previous art experience is recommended.

ART 201 Design

3 credits

A study of design theory, its evolution, and the elements and principles of design. To apply the theory, students create two-dimensional designs in a variety of media. Fundamental visual communication methods are studied and applied. This is a required course for all art majors, and a preferred art core course for communication majors. Previous art experience is recommended.

ART 202 Basic Painting

3 credits

Prerequisite: ART 101 or ART 103 or ART 111 or ART 201

An introduction to basic painting concepts through varied media: pastels, watercolors, oils, and/or acrylics. Students examine techniques, color theory, composition, and the application of these by the masters. They will explore a variety of approaches to painting and use a creative process in expressing ideas in paint.

ART 203 Introduction to Graphic Arts

3 credits

This studio course develops core concepts and skills in graphic design, technology, and file management while engaging in projects that utilize industry-standard computer applications. Students will focus on compositions that integrate text and image into vehicles of effective communication. The course will examine the role of the computer in art and graphic design, and foster insights into design theory. This is a required course for all art majors, and a preferred art core course for communication majors. Previous art experience is recommended.

ART 204 Special Topics

1–3 credits

A specialized area of art study reflecting advanced approaches to a project or research. Approval of instructor required.

ART 205 Digital Imaging

3 credits

Prerequisite: ART 203

An advanced course focusing on the use of the computer as a tool for creating images and graphics. Provides a basic understanding and use of electronic still cameras, image scanners, and image processing computer software. Students will learn to use input and output devices to capture, manipulate, and transmit photographic images. The class will have hands-on work sessions and sustained imaging projects using Adobe Photoshop. A concise review of the role of computer as a graphic imaging tool and the ethics of image manipulation will also be included.

ART 206 Scientific Illustration

3 credits

(Also BIO 206)

This course will help students develop an ability to produce effective illustrations of scientific subject matter for science

classes, displays, learning centers, slide lectures, publications, advertisements or other uses. The student also will gain an understanding of the differences between illustration and art, and of the importance of illustration as a form of communication. The students will increase their observational ability and will learn basic techniques of drawing in pen and ink, pencil and scratchboard, and will be introduced to airbrush.

ART 207 Computer Illustration

3 credits

Prerequisite: ART 203

A course exploring the use of the computer in drawing and illustration. Students will learn the basic techniques of computer-aided rendering, layout, and design. The history of traditional illustration and design, and its relationship to digital techniques, will be examined.

ART 211 Basic Sculpture

2–3 credits

Prerequisite: ART 101 or ART 103 or ART 201

A studio course exploring three-dimensional form in space and its history. Students first develop awareness of such forms in space, and then perceptual and technical skills in bringing together ideas and materials in three-dimensional form.

ART 212 Basic Ceramics

2–3 credits

Prerequisite: ART 101 or ART 103 or ART 201

A studio course exploring the medium of clay and its history. Students learn the methods of constructing three-dimensional forms in clay through hand-building techniques, as well as decorating and glazing their forms. Wheel-throwing techniques are presented for those wishing to experiment, but are not required.

ART 221 Calligraphy and Composition

2–3 credits

The development of calligraphic skills for personal or practical use. Students gradually build a repertoire of lettering styles, using a variety of tools. These styles are then used in designed layout work for presentation to a commercial printer and/or for completed calligraphic art forms in themselves.

ART 222 Intermediate Drawing I

3 credits

Prerequisite: ART 111

A course building on basic drawing skills in working with advanced problems in drawing plant, animal, and human life forms. Development of skill in self-expression with life forms is attained through exercises that include gesture, contour, structure, and perspective drawings, as well as general anatomy studies.

ART 230 Survey of Art History I

3 credits

A survey of art history beginning with cave art and moving to the Renaissance. When taken with ART 240 Survey of Art History II, these two courses provide a chronological treatment of world art. Respect for and appreciation of the aesthetic expressions of various cultures develop as students learn about major movements, artists and works through a variety of analytical, interpretive, and evaluative approaches.

ART 231 The Ancient World

1 credit

A survey of art forms from the birth of art up to the Roman types. This course includes the sequence of cave art, ancient Near East, Egypt, Aegean, Greek, and Roman.

ART 232 Post-Roman to Middle Ages

1 credit

A survey of art forms from the early Christian contributions up to the Gothic styles. Sequence includes early Christian, Byzantine, Islamic, early Medieval, Romanesque, and Gothic.

ART 233 Non-European World

1 credit

A survey of art forms from the Orient, Africa, South Pacific, and Native Americas. Sequence includes India, China, Japan, Native Americas, Africa, and the South Pacific.

ART 235 Women Artists Through History

3 credits

An introduction to the accomplishments of women artists throughout history, contributions that are often overlooked in mainstream art history books. The course will survey the entire history of art and will cover female artists who have made a unique, significant contribution to the visual arts.

ART 236 Contemporary Art History

1–3 credits

A study of the history of contemporary art since World War II. The course begins with an overview of modern art and questions the definitions of art, modernity, and self-expression. Students will learn about the earliest contemporary art, such as Abstract Expressionism and Pop, and then rapidly move through the wide variety of movements and theories that replaced them. The course will question the theoretical basis of contemporary art and examine current issues of our post-modern artistic period.

ART 237 American Art History

3 credits

This course is a survey of American art that examines those works and artists that represent the major aspects, trends, qualities, and attitudes revealed in the development of American architecture, painting, sculpture and some other arts from early colonial times to the present, and that suggest the continuing variety of American art. To these ends, the course

also will include the art of Native Americans and art that demonstrates America's cultural diversity.

ART 240 Survey of Art History II

3 credits

A survey of art history beginning with the Renaissance and moving to 1945. When taken with ART 230 Survey of Art History I, these two courses provide a chronological treatment of world art. Respect for and appreciation of the aesthetic expressions of various cultures develop as students learn about major movements, artists, and works through a variety of analytical, interpretive, and evaluative approaches.

ART 241 Renaissance

1 credit

A survey of art forms from Italian sources as well as those outside Italy. This course sequence includes the "Proto" Renaissance in Italy and the 15th century and 16th century.

ART 242 Baroque/Rococo/Romanticism/Realism

1 credit

A survey of art forms from the types listed in the course name. The sequence includes the Baroque, Rococo, Romantic Ages, and Realism.

ART 243 Twentieth Century to 1945

1 credit

A survey of modern art that includes Impressionism, Post-Impressionism, the Fauves, Expressionism, Dada, Surrealism, Art Nouveau, and the International Style.

ART 255 Bookmaking

3 credits

Prerequisite: ART 101 or ART 201 or ART 203 or ATH 201

An introduction to hand crafted books and the observation of these books as art. Fundamental book making skills, including design, layout, and construction methods are covered.

ART 260 Basic Metals

2–3 credits

Prerequisite: ART 111 or ART 201

A studio course exploring the techniques of the various processes of making art metal forms and their history. Students learn the methods of constructing original three-dimensional forms using various metal alloys, found objects, and textural applications.

ART 300 Printmaking

3 credits

Prerequisite: ART 101 or ART 103 or ART 111 or ART 201

A studio course exploring the preparation of a variety of plates from which visual compositions are hand-printed in multiple. Students work with a creative process in designing and completing limited edition art prints. They also focus on artist printmakers and the historic contributions of printmaking as an art form.

ART 302 Intermediate Painting I

3 credits

Prerequisite: ART 202

A course building on basic painting skills, enabling students to develop their ability to paint ideas. Students use the media or painting techniques appropriate to the concrete expression of the idea. Research and focus is placed on modern and contemporary world painters.

ART 303 Life Drawing

3 credits

Prerequisite: ART 111

An advanced drawing class focusing on figure drawing and construction, stressing anatomy and form. The study of anatomy will be part of the basis for understanding the human figure. The class will have sustained drawing projects. A concise review of the role of figure study from a historical perspective will also be included.

ART 305 Introduction to Photography

3 credits

Prerequisite: ART 101 or ART 103 or ART 111 or ART 201

A course building on visual literacy and composition, focusing on the understanding and use of the camera in photography and filmmaking. A brief history of photography is also included.

ART 311 Intermediate Sculpture I

3 credits

Prerequisite: ART 211

An application of the design process to complex form. Choosing one or two of the directions introduced in basic sculpture, the advanced student develops concepts to a greater degree of study and experimentation.

ART 312 Intermediate Ceramics

3 credits

Prerequisite: ART 212

The pursuit of advanced problems of hand-building methods and the development of wheel-throwing skills.

ART 321 Intermediate Sculpture II

3 credits

Prerequisite: ART 311

An intense investigation and exploration of skills and techniques involving the creative process in sculpture. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 330 Art History Practicum

2 credits

Prerequisite: ART 230 or ART 240

A practical experience in archival research and art conservation. Students will work with the university's permanent collection. Examples of the practical applications include researching, cataloging, studying issues of conservation and presentation, and writing commentaries about works in

Marian's collection. This requirement may be met by a co-op or internship at a suitable gallery, museum, or historical society.

ART 333 Intermediate Drawing II

3 credits

Prerequisite: ART 222

An intense investigation and exploration of skills and techniques involving the creative process in drawing. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 340 Web Design

3 credits

Prerequisite: ART 205 or ART 207

This course will focus on advanced communication design projects involving web development and multimedia authoring. It will introduce HTML code and HTML design applications used in the graphic arts. Insights will be gained into nonlinear design and animated graphics.

ART 350 Intermediate Printmaking

3 credits

Prerequisite: ART 250

An intense investigation and exploration of skills and techniques involving the creative process in printmaking. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 351 Collagraph

3 credits

The application of "collage" to the printmaking process. A build-up of a surface, having textural interest, is inked. The inked "plate" is then placed on paper and transferred to produce the desired print.

ART 352 Relief

3 credits

The production of visual images through the preparation of the surface of a block of linoleum and/or wood. Students work with a variety of printing media in producing images that express their ideas. Artists of linoleum and woodcut relief print forms are studied.

ART 353 Serigraph

3 credits

The creation of polychromatic prints through the various silkscreen stencil processes: crayon, tusche and glue, and film and emulsion. Techniques, formal elements and principles, and cultural influences in the medium are combined to form a foundation for the expression of ideas.

ART 360 Advanced Metals

3 credits

Prerequisite: ART 260

The pursuit of advanced problems in art metals and enameling will lead to the production of original pieces by the students.

ART 362 Intermediate Painting II

3 credits

Prerequisite: ART 302

An intense investigation and exploration of skills and techniques involving the creative process in painting. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 370 Fiber Arts: Stitchery

3 credits

Emphasis on stitching techniques.

ART 371 Fiber Arts: Weaving

3 credits

Emphasis on loom weaving, spinning, felting and various hand techniques.

ART 372 Fiber Arts: Puppetry

3 credits

Emphasis on experience in making different types of puppets.

ART 373 Fiber Arts: Dye Applications

3 credits

Emphasis on different resist and printing processes.

ART 374 Fiber Arts: Leather

3 credits

Emphasis on leather working procedures.

ART 397 Internship

1–3 credits

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

ART 400 Senior Seminar in Art

3 credits

This class is intended for an Art or Art Education major's final semester. All courses should either be completed or concurrently taken with this course. This course culminates in a public show, through which the studio Art or Art Education major demonstrates acquired technical skills in a final art project and defends an integrated philosophy of art. The Art Education major's project focuses on the creative process in the teaching of art.

ART 401 Advanced Design

3 credits

Prerequisite: ART 201 or ART 205 or ART 207

An intense investigation and exploration of skills and techniques involving the creative process in design. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 404 Special Topics

3 credits

A specialized area of art study reflecting advanced approaches to a project or research limited to art majors or minors.

ART 411 Advanced Sculpture I

3 credits

Prerequisite: ART 321

An intense investigation and exploration of skills and techniques involving the creative process in sculpture. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 412 Advanced Ceramics I

3 credits

Prerequisite: ART 312

An intense investigation and exploration of skills and techniques involving the creative process in ceramics. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 413 Advanced Ceramics II

3 credits

Prerequisite: ART 412

An intense investigation and exploration of skills and techniques involving the creative process in ceramics. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 414 Independent Study

1–3 credits

Prerequisite: Permission

A course designed by the student with an instructor's guidance to allow students of superior ability to pursue a topic of interest not available through regular courses.

ART 421 Advanced Sculpture II

3 credits

Prerequisite: ART 411

An intense investigation and exploration of skills and techniques involving the creative process in sculpture. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 424 Advanced Fibers

3 credits

Prerequisite: ART 370, ART 371 and ART 372

An intense investigation and exploration of skills and techniques involving the creative process in fibers. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 430 Senior Seminar in Art History

2 credits

A seminar that will include peer teaching and that will culminate in independent research and paper presentations.

Topics will vary, but they might include the following: women artists, religious art, contemporary issues, recurring subjects and themes, art as propaganda, theories of art criticism, and feminist art theory.

ART 441 Advanced Printmaking I

3 credits

Prerequisite: ART 350

An intense investigation and exploration of skills and techniques involving the creative process in printmaking. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 442 Advanced Printmaking II

3 credits

Prerequisite: ART 441

An intense investigation and exploration of skills and techniques involving the creative process in printmaking. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 444 Advanced Drawing I

3 credits

Prerequisite: ART 333

An intense investigation and exploration of skills and techniques involving the creative process in drawing. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 445 Advanced Drawing II

3 credits

Prerequisite: ART 444

An intense investigation and exploration of skills and techniques involving the creative process in drawing. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 461 Advanced Painting I

3 credits

Prerequisite: ART 362

An intense investigation and exploration of skills and techniques involving the creative process in painting. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 462 Advanced Painting II

3 credits

Prerequisite: ART 461

An intense investigation and exploration of skills and techniques involving the creative process in painting. Learning instruments including research, application, discussion, criticism, and reflection culminate in a course portfolio.

ART 497 Internship

1–3 credits

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

ASL AMERICAN SIGN LANGUAGE

ASL 101 American Sign Language I

3 credits

An introduction to deaf culture and basic vocabulary, syntax, fingerspelling, gestural skills, and non-manual grammatical signs of American Sign Language (ASL). Development of gestural skills as a foundation for ASL communication and an appreciation for the Deaf community.

ASL 102 American Sign Language II

3 credits

Prerequisite: ASL 101

A continuation of basic skill development offered in Elementary American Sign Language I (ASL). Focus on expanding ASL vocabulary and sign fluency and development of more complex communicative skills needed to respond to signs produced by another signer.

ATH ART THERAPY

ATH 201 Introduction to Expressive and Therapeutic Arts

3 credits

Through a variety of readings, research, art activities, discussion, and creative journaling, students will experience the fundamental processes of the expressive and therapeutic arts. An emphasis on self-study will aid students in exploring personal goals, expectations, and career choices regarding application of these processes to fields of art, health care, social services, elder care, education, and business.

ATH 203 Basic Therapeutic Skills

3 credits

Prerequisite: ATH 201

This course explores various theories and experiential techniques used in the therapeutic environment. Consideration will be given to the appropriate application of techniques and materials specific to the expressive and therapeutic arts, as well as examine the professional and ethical requirements of the client-therapist relationship.

ATH 204 Special Topics in Expressive and Therapeutic Arts

1–3 credits

This course provides opportunity to explore a specialized area of study in art therapy that may not be reflected in other art therapy courses.

ATH 305 Techniques in Creative Process

3 credits

Prerequisite: ATH 201, ATH 203

This course provides a continuation of the directed self-study process and builds a strong foundation for self-awareness and professional helping skills. Through exploration of a variety of expressive mediums, students will learn to observe, reflect, share, and evaluate their creative experiences. Skill will be developed in creating safe, therapeutic environments, supportive of emotional, physical, spiritual, and cultural aspects of well-being for self and others.

ATH 311 Art Curriculum and Methods in Early Childhood and Elementary/Middle Schools

2 credits

This course provides an opportunity for aspiring art therapists to synthesize their studies with art education. Students will apply learning theories to the aesthetic dimension of education focusing on approaches to art, culture and the environment as catalysts for teaching. Majors will use art concepts and processes to make possible meaningful art experiences for sequential levels of learning within the K–elementary framework of school systems.

ATH 315 Fieldwork I and Seminar

3 credits

Prerequisite: Permission

This course provides fieldwork opportunities in approved community agencies, hospitals, schools, and long-term care facilities. The course entails weekly attendance in discussion and processing held on campus in addition to the fieldwork placement. Observation techniques and development of a professional portfolio will be a focus.

ATH 397 Internship in Expressive and Therapeutic Arts

1–3 credits

(Expressive and Therapeutic Arts majors only)

These courses are used in addition to the art therapy fieldwork when students desire more experiences beyond program requirements and are set up with the advising professor and internship staff member. The courses are a learning approach that integrates college studies with volunteer or paid experience that is directly related to art therapy.

ATH 400 Senior Seminar in Expressive and Therapeutic Arts

3 credits

(Expressive and Therapeutic Arts major only)

This is a capstone course that provides direction for students as they integrate classroom learning with practice. Students will reflect and demonstrate personal growth gained throughout their college career via presentation of a personal philosophy, conclusion of a portfolio and other preparation for professional employment, and production of a community arts project.

ATH 404 Special Topics in Expressive and Therapeutic Arts

1–3 credits

This course provides opportunity to explore advanced levels of a specialized area of study in art therapy that may not be reflected in other art therapy courses.

ATH 410 Program Design and Grant Writing

3 credits

Prerequisites: ATH 315, ATH 415

Due to the fact that expressive and therapeutic arts are still quite new to professional therapeutic settings, practitioners often need to educate possible employers and develop their own programs. As a foundation for these entrepreneurial skills, students will explore a wide range of literature in the field of expressive and therapeutic arts, create an extensive resource bibliography and demonstrate skill in the basics of grant writing.

ATH 415 Fieldwork II and Seminar

3 credits

Prerequisite: ATH 315

This course provides a continuation of ATH 315. The student participates in other fieldwork settings to gain more experience. Along with weekly attendance on campus for discussion and processing, the student will develop planning and evaluative techniques, prepare a professional resume, and continue development of the portfolio.

ATH 435 Fieldwork III and Seminar

3 credits

Prerequisite: ATH 415

Building on the experiences acquired through ATH 315 and ATH 415, the student further broadens experience with client populations. Seminars will address professional topics; provide opportunities to refine acquired skills; discuss ethics, communication, client care, case or program management; and continue development of the portfolio.

ATH 497 Internship in Expressive and Therapeutic Arts

1–3 credits

(Expressive and Therapeutic Arts major only)

These courses are used in addition to the art therapy fieldwork when students desire more experiences beyond program requirements and are set up with the advising professor and internship staff member. The courses are a learning approach that integrates college studies with volunteer or paid experience that is directly related to art therapy.

BIO BIOLOGY**BIO 010 Biology Seminar I**

0 credits

Research seminars, reviews of professional biology literature, and research proposals presented by biology majors, faculty members, and/or guest speakers. ("0" credit receives CR/NC grade.)

BIO 020 Biology Seminar II

0 credits

Prerequisite: BIO 010

Research preparation and training in seminar and guided research formats. Research and career seminars, reviews of professional biology literature, and research proposals are presented by Biology majors and faculty, with occasional guest speakers. (*"0" credit receives CR/NC grade.*)

BIO 100 Life Systems

3 credits

An introductory biology course for non-majors. The relationship between structure and function is emphasized at the cellular and organismic levels. A survey of taxonomy and classification, cell biology, plant biology, human physiology, and ecology is provided. (*May be taken as "lecture only" or concurrently with BIO 150.*)

BIO 101 Biological Principles I

4 credits

(Required for Biology majors and minors)

A lecture–laboratory course for science majors stressing the nature of science and scientific methodology. Basic ecological concepts and human impact on the environment are studied. The chemistry of life, the cellular basis of life, genetics, energy relationships, and metabolism are presented. Both the classical aspects and the areas of recent research are included.

BIO 102 Biological Principles II

4 credits

Prerequisite: BIO 101

A continuation of BIO 101. Major topics covered include plant and animal biology. Structural and functional relationships are stressed. Major structures, adaptations, and evolution of Monera, Protista, and Animal kingdoms are surveyed. Current areas of research are included. Dissection of representative organisms including the fetal pig is required.

BIO 104 Environmental Science and Lab

4 credits

A study of the organization of ecosystems and human use of natural resources, including problems and opportunities generated by human interaction with the environment. Basic ecological principles are applied to current environmental issues and topics. Environmental case studies and current environmental literature are employed. Laboratory activities include field trips, simulations, and other activities designed to enhance lecture topics.

BIO 105 Biology in Society

4 credits

(This course does not satisfy prerequisite requirements for any other natural science courses.)

The course will use current events and scientific technologies, identified by the class, to illustrate the impacts of biological science in U.S. and global society. These topics will serve as

vehicles to illuminate science philosophy, history, reasoning, and techniques and to emphasize the importance of science literacy to citizens in a technologically rich democracy. Several laboratory projects will be conducted and reported in different styles with different goals and hypothetical audiences (popular press, professional article, oral news report, platform presentation).

BIO 110 Prairie Ecosystems and Restoration – Fall

2 credits

This course is a service-learning intensive biology course where students learn about the ecology of prairies, the importance of prairie ecosystems, and techniques to preserve and restore prairies. The course will be a hybrid course where much of the content will be delivered in an on-line format with one-day-a-week meetings to participate in field trips and stewardship projects. Due to the service learning and environmental aspects of the course, students must be able and willing to perform light labor (on the level of gardening) and a moderate amount of hiking, and be able to attend an extended field trip once during the semester. The 4-credit laboratory science requirement under general education is fulfilled by taking this class and its complementary spring offering, BIO 112.

BIO 111 Ecology and the Environment

3 credits

(AGS students only)

This course is designed to help students understand the interrelationships among biological and physical components of human ecosystems, including human impacts on the environment. Major environmental problems and responses to them by business and society are explored. The complexity of environmental issues and the relationship of ecological principles to environmental problems and solutions are stressed. Case studies demonstrate both environmental disasters and successful or ethical approaches to problems on the part of business.

BIO 112 Prairie Ecosystems and Restoration – Spring

2 credits

This course is a service-learning intensive biology course where students learn about the ecology of prairies, the importance of prairie ecosystems, and techniques to preserve and restore prairies. The course will be a hybrid course where much of the content will be delivered in an on-line format with one-day-a-week meetings to participate in field trips and stewardship projects. Due to the service learning and environmental aspects of the course, students must be able and willing to perform light labor (on the level of gardening) and a moderate amount of hiking, and be able to attend an extended field trip once during the semester. The 4-credit laboratory science requirement under general education is fulfilled by taking this class and its complementary fall offering, BIO 110.

BIO 114 Environmental Stewardship

4 credits

This course is a service-learning intensive biology course where students learn about environmental stewardship through participation in the maintenance and restoration of local ecosystems, for example, stream monitoring and removal of invasive species. Through hands-on projects and selections of readings, the student will develop an understanding and appreciation for environmental stewardship. The course fulfills the one-credit laboratory requirement under general education. The course will be a hybrid course where much of the content will be delivered in an online format with one-day-a-week meetings to participate in field trips and stewardship projects. Due to the service learning and environmental aspects of the course, students must be able and willing to perform light labor (on the level of gardening) and a moderate amount of hiking. Students will be required to provide their own transportation to nearby locations; carpooling and cost sharing will be encouraged under Marian University's policy on approved drivers for field trips.

BIO 116 Wisconsin Natural Areas

3 credits

Wisconsin Natural Areas explores wild and tame lands in "this place we call Wisconsin." During the Pleistocene epoch, a continental glacier sculpted and modified the land, sans southwestern Wisconsin's Driftless Area. This most recent Ice Age produced regional landscapes with contrasting ecoregions that underpin the state's natural areas. Among the topics to be examined are ecological landscapes, Public Land Survey System, WDNR State Natural Areas Program, land ethics, ecosystem services, invasive species, natural areas restoration, and Wisconsin natural communities.

BIO 150 Life Systems Laboratory

1 credit

Laboratory to accompany BIO 100.

Topics correspond to lecture material, including taxonomy, cell biology, plant biology, human physiology, and ecology. Dissection of a fetal pig is required. *Laboratory experiences strongly enhance and support material in BIO 100 and concurrent registration is recommended.*

BIO 201 Anatomy and Physiology I

4 credits

Prerequisites: BIO 100 or BIO 102; CHE 101 or CHE 103 or CHE 104

An in-depth study of the structure and function of human organ systems and the relationships among physiologic systems at the cellular, tissue, organ, and system levels. A comprehensive understanding of how each system aids in the maintenance of homeostasis is stressed in the study of cellular structure and physiology, the integumentary, skeletal, muscular, and nervous systems. A strong background in biology and basic knowledge of physiological systems is assumed. Human cadaver dissections may be demonstrated

in association with each organ system studied. Concurrent registration in BIO 251 is recommended.

BIO 202 Anatomy and Physiology II

4 credits

Prerequisite: BIO 201

Continuation of BIO 201. An in-depth study of the structure and function of human organ systems and the relationships among physiologic systems at the cellular, tissue, organ, and system levels. A comprehensive understanding of how each system aids in the maintenance of homeostasis is stressed in the study of the endocrine, cardiovascular, respiratory, digestive, excretory, and reproductive systems. Human cadaver dissections may be demonstrated in association with each organ system studied. Concurrent registration in BIO 252 is recommended.

BIO 204 Special Topics

1–4 credits

A course allowing for instruction in areas not included in the regular biology curriculum. Topics vary according to the expertise of individual instructors.

BIO 205 Fundamentals of Anatomy and Physiology

5 credits

Prerequisites: BIO 100 or BIO 101 or BIO 102; CHE 101 or CHE 102 or CHE 103 or CHE 104

A systemic structure/function approach to the study of the human body that provides the background required for further study in applied physiology. Anatomy and physiology of integumentary, skeletal, muscular, nervous, cardiovascular, digestive, reproductive, respiratory, endocrine, and urinary systems will be studied. The laboratory parallels and reinforces lecture concepts through the use of models, histological studies, physiological exercises, and dissection of biological samples. This is a hybrid class; most lectures will be online. The face-to-face portion will include laboratory exercises, lecture review, case studies, and assessments.

BIO 206 Scientific Illustration

3 credits

(Also ART 206)

This course will help students develop an ability to produce effective illustrations of scientific subject matter for science classes, displays, learning centers, slide lectures, publications, advertisements, or other uses. The student will also gain an understanding of the differences between illustration and art, and of the importance of illustration as a form of communication. The students will increase their observational ability and will learn basic techniques of drawing in pen and ink, pencil and scratch board.

BIO 210 Fundamentals of Microbiology

3 credits

Prerequisites: BIO 100 or BIO 102; CHE 101 or CHE 103 or CHE 104

A comprehensive course in which students learn the structural characteristics and biological activities of bacteria, viruses, fungi, protozoans, and helminths. Particular emphasis is placed on those organisms that cause disease in humans and on the nature of the immune response in humans. A strong background in biology and understanding of Krebs cycle, transcription and translation is required. *Students may not take both BIO 210 and BIO 311 for credit.*

BIO 220 Introduction to Medical Terminology

2 credits

Provides information about common medical terms, definition and usage. The Systems Model is used to organize content and make it more meaningful for the development of medical vocabulary.

BIO 221 Fall Flora

1 credit

A study of the common flowering plant families, their identification, and their classification. Emphasis is placed on field study providing both scientific and aesthetic experiences. Ecological awareness is encouraged.

BIO 222 Spring Flora

1 credit

A study of the common flowering plant families, their identification, and their classification. Emphasis is placed on field study providing both scientific and aesthetic experiences. Ecological awareness is encouraged.

BIO 231 Botany

4 credits

Prerequisite: BIO 100 or BIO 102

An extensive study of the plant kingdom and related organisms. Major topics include taxonomy, structure, morphology, development, physiology, reproduction, and evolution of plants. Ecological awareness is encouraged.

BIO 251 Anatomy and Physiology Lab I

1 credit

Prerequisite or corequisite: BIO 201

An optional one-credit lab to accompany BIO 201. Topics will correspond to lecture material, including cell physiology through nerve/muscle relationships.

BIO 252 Anatomy and Physiology Lab II

1 credit

Prerequisite or corequisite: BIO 202

An optional one-credit lab to accompany BIO 202. Topics will correspond to lecture material, including endocrine function through reproduction.

BIO 253 Human Anatomy and Physiology Lab

1 credit

*Prerequisite: BIO 201**Prerequisite or corequisite: BIO 202*

An optional one-credit lab to follow BIO 201 and accompany BIO 202. Topics will include aspects of the nervous system, skeleton-muscular system, cardiovascular system, and select other topics.

BIO 300 Biology Literature and Seminar

2 credits

Prerequisites: BIO 010 and BIO 020

A seminar based on the reading of current biological literature and the presentation of research seminars. In addition, students will prepare and present senior research proposals for a senior research project.

BIO 301 Genetics and Lab

4 credits

Prerequisite: BIO 100 or BIO 102 and CHE 201

Topics include transmission genetics, cytogenetics, population genetics, and quantitative genetics. Laboratory emphasizes experimental observation, experimental design, hypothesis testing, and scientific writing.

BIO 302 Cell and Molecular Biology

4 credits

Prerequisites: BIO 100 or BIO 102 and CHE 201

A lecture/laboratory course designed to shed light on the considerable research directed at understanding the chemical reactions occurring in the cell and the relationships they bear on cellular structure and function.

BIO 304 Field Study

1–2 credits

Prerequisite: BIO 104 or BIO 315

Individual study arranged between the student and the department chair to observe and evaluate some phase of environmental science in nature or industry or through a civil or county department. The student keeps a daily log, collects data, and does extensive reading for a written report and oral presentation for a seminar.

BIO 310 Invertebrate Zoology and Lab

4 credits

Prerequisite: BIO 100 or BIO 102

A study of the biology and taxonomy of major invertebrate groups with special emphasis on structure-function relationships: their life histories, evolution, ecology, and economic importance. Laboratory sessions involve the observation and dissection of representative invertebrate organisms in order that a clear understanding of each taxonomic phylum may be attained.

BIO 311 Molecular and Physiological Microbiology

4 credits

Prerequisites: BIO 100 or BIO 102, CHE 201

An introduction to bacterial structure, metabolism, growth principles, genetics, and identification. Other topics covered include antibiotics, bacteriophage, and infectious diseases caused by bacteria. (*Students may not take both BIO 210 and BIO 311 for credit.*)

BIO 312 Developmental Biology and Lab

4 credits

Prerequisites: BIO 100 or BIO 102

A study of progressive changes that occur within cells, tissues and organisms during their life span. Development at the molecular, biochemical, genetic, morphological, and physiological levels are examined through lecture, discussion, and laboratory exercises.

BIO 315 Ecology

3 credits

Prerequisite: BIO 100 or BIO 102

A lecture course involving study of populations, communities, and individual organisms in relation to their environment. Abiotic and biotic factors, chemical cycles, population and community ecology, and succession are studied in depth. Interaction of organisms with physical and chemical components of the environment is stressed. Use of statistical methods in ecology is covered.

BIO 322 Vertebrate Zoology and Lab

4 credits

Prerequisite: BIO 100 or BIO 102

A study of the evolution and comparative structure and function of the organ systems in all major groups of the phylum chordata. Laboratory work requires dissection of lamprey, shark, mud puppy, and cat with frequent reference to other representative vertebrates, especially humans.

BIO 324 Research Design and Biostatistics

5 credits

Prerequisite: BIO 100 or BIO 102

An examination of the scientific method and how it is applied and misapplied. Major course objectives include experimental ethics and procedures as applied in the natural sciences, including experimental design, statistical assumptions, sample selection, descriptive statistics, inferential statistics, analysis of results, and critical reading of scientific literature.

BIO 342 Ornithology and Lab

4 credits

Prerequisite: BIO 100 or BIO 102

A survey of ornithology. Lectures cover the biology, evolution and ancestral relationships, migration, flight and flight-related structures and behavior. Behavior and identification of local birds is addressed in laboratory and on field trips.

BIO 360 Microbiology Laboratory

1 credit

Prerequisite or corequisite: BIO 210

An optional three-hour laboratory coordinated with BIO 210 lecture material designed to enhance the significant aspects of microbial metabolism and response to selective and differential media. Laboratory skills including aseptic technique and the proper handling and treatment of pathogens are included. Familiarity with a wide variety of specimens will help prepare nursing pre-professionals for future exposure to such microbes in their clinical experience.

BIO 365 Ecology Laboratory

1 credit

*Prerequisite: BIO 100 or BIO 102**Prerequisite or corequisite: BIO 315*

This course is designed to accompany BIO 315 and offer a more quantitative approach to the study of ecology. The student is introduced to various ecological field and laboratory methods, including statistical analysis of data. Populations, habitat, communities, and productivity are analyzed, reinforcing the lecture material in BIO 315. Scientific report writing is stressed.

BIO 397 Internship

1–3 credits

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. (*This course will not count toward the biology major/minor without prior written permission of the department chair.*)

BIO 402 Virology

3 credits

Prerequisites: BIO 100 or BIO 102, CHE 202

A study of virus history, molecular structure and function and epidemiology. Course content is derived from current, juried papers and web sites. Students will explore how viruses impact host cellular functions and will also look at current therapeutic and preventative regimes. An emphasis will be placed on new and emerging viral disease.

BIO 404 Special Topics

1–4 credits

A course allowing for instruction in areas not included in the regular biology curriculum. Material covered varies according to the expertise of individual instructors.

BIO 412 Neurobiology

4 credits

Prerequisite: BIO 201

An in-depth study of the concepts and principles of neurobiology. Students will understand how the science of neurobiology has emerged in recent decades as one of the most paramount fields of interest in biology. Lecture and laboratory stress development, plasticity, disorders, and research techniques, utilizing both invertebrate and vertebrate

models. The lectures will include seminar-style readings of journal articles.

BIO 414 Independent Study

1–3 credits

Prerequisite: Permission

A course designed by the student, with an instructor's guidance, to allow students of superior ability to pursue a topic of interest not available through regular courses.

BIO 422 Immunology

3 credits

Prerequisites: BIO 100 or BIO 102, CHE 202

A study of several major topics in immunology. The topics include antibody structure, antigen–antibody reactions, generation of immune responses, antibody diversity, and cell-mediated immunity. The application of this information to laboratory assays and resistance to disease is also included.

BIO 425 Biology Senior Research I

1 credit

Prerequisite: BIO 300

The first of two courses that comprise an individually arranged research project under the guidance of department faculty. Each biology major elects to do laboratory/field research on a problem in biology of personal interest. In this course the student will refine research methods and experimental design, including data collection, and complete initial sections of the final written report.

BIO 426 Biology Senior Research II

1 credit

Prerequisite: BIO 425

The second of two courses that comprise an individually arranged research project under the guidance of department faculty. Each biology major elects to do laboratory/field research on a problem in biology of personal interest. In this course the student will collect and analyze data, finish and submit a written report, and do a public presentation of his or her research.

BIO 435 Human Anatomical Dissection and Demonstration

3 credits

Prerequisite: BIO 202 and permission

In-depth study of human anatomy via regional and systemic prosection of all major organ systems of a human cadaver, including the integumentary, muscular, nervous, cardiovascular, respiratory, digestive, urinary, and reproductive systems. This small group immersion course broadens the students' knowledge of both the anatomy and physiology of human systems. Students conduct review sessions with dissection demonstrations to small groups from the Anatomy and Physiology course, as well as to other classes, advanced high school biology students, and other interested groups. Each semester different dissections may be conducted and variations in the anatomy and/or pathology provide new learning. *(repeatable for credit)*

BIO 497 Internship

1–3 credits

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. *(This course will not count toward the biology major/minor without prior written permission of the department chair.)*

BUA BUSINESS ADMINISTRATION

BUA 101 Introduction to Business

3 credits

An introductory course, designed for the non-business major student, to learn general business functions and systems. The student will explore business skills that are needed in one's professional career. A computer simulation, current events, guest speakers, field trips to local businesses and discussion are used to gain knowledge of general business concepts and the business environment.

BUA 203 Career Preparation

1 credit

A course in resume writing, interviewing skills, techniques for personal enhancement, and international business etiquette; supplies the student with criteria beyond academics for acceptance into the world of work and future entry-level management positions.

BUA 204 Special Topics

1–3 credits

A study of selected topics offered at the discretion of the instructor.

BUA 210 Statistical Techniques for Research Data Analysis

3 credits

Prerequisite: MAT 100 or MAT 105 or MAT 111 or MAT 130 or appropriate math placement test score

An interdisciplinary introduction to the basic principles of data analysis with an emphasis on application. Students are expected to apply these principles to data analysis in their respective areas of study. The applied focus is on the computerized application of summary statistics, one-/two-/multi-sample tests, linear models, association tests, randomness/normality tests, and probability distributions as used across a variety of community and organizational settings. Other techniques may be added as appropriate for specific disciplines.

BUA 220 Leadership and Social Innovation with Enactus

1–3 credits

Enactus allows students the opportunity to apply what they learn in an academic environment directly to the community. Through a series of volunteer projects that allow our students to interact with the world around us, valuable experience is gained while allowing for added emphasis on giving back to the world we live in. As Enactus is a global organization, students also have the ability to interact and compete with other

students from around the world, while developing valuable job and networking skills. *(Repeatable for credit)*

BUA 221 Model United Nations I

0–2 credits

To provide students with the facility to explore current issues and challenges which are facing the international community. Current global and regional issues of concern for the United Nations (UN) include, but are not limited to: World Trade Organization goals for reducing subsidies & tariffs, protecting human rights in combating terrorism, the role of women in development, and the role of the UN in compliance to nuclear disarmament. The vast range of topics tends to fall under three categories: political, economic, and social/humanitarian. Students are encouraged to explore areas which are of interest to his/her field of study. Additionally, BUA 221 Model UN I provides students with the necessary issue knowledge and team building skills which are required for competing at national and regional MUN conferences that are held during the spring semester. *(repeatable for credit)*

BUA 222 Model United Nations II

0–2 credits

(BUA 221 recommended)

To provide students with the facility to explore current issues and challenges which are facing the international community. Current global and regional issues of concern for the United Nations include, but are not limited to: World Trade Organization goals for reducing subsidies & tariffs, protecting human rights in combating terrorism, the role of women in development, and the role of the UN in compliance to nuclear disarmament. Students will be participating in a regional or national conference(s) at which students will be discussing issues facing the international community with other college students from across the globe. In Model UN conferences, students experience negotiation and diplomacy hands-on by being a delegate representing a country. While it is not a requirement for students to take BUA 221 Model UN I (fall semester) as a prerequisite, it is strongly recommended because it provides students with the necessary issue knowledge and team building skills that are required for competing at conferences. *(repeatable for credit)*

BUA 303 Population and Demography

3 credits

Prerequisites: SOC 100 or PSY 101 and MAT 122 or BUA 201 or SWK 210

An introductory study of the techniques and applications of population and demographic data. Emphasis will be on sources of data and their applications in formulating public and business policy. World and national population history will be studied to understand demographic transitions and current trends.

BUA 310 International Business

3 credits

Prerequisite: ECO 201 or ECO 202

This course introduces the student to the economic, political, social and cultural issues of operating a business in a global economy. An understanding of exchange rate mechanisms, international trade agreements, and international strategies will be developed.

BUA 350 Business Law

3 credits

A study of business law. Topics included in the course include the American legal system, contracts, property, negotiable instruments, creditors' rights and bankruptcy, agency, business organizations, labor and employment relations, government regulations and torts.

BUA 397 Internship

0 credits

Prerequisite: BUA 203, MGT 213, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit applying classroom learning to actual job experience. Ideally, majors in the program would do an internship with a small business. However, if the internship is with a larger company, the internship should include a variety of work experiences. ("0" credit receives CR/NC grade).

BUA 402 Strategy and Policy

3 credits

Prerequisite: FIN 301

(Senior standing, all Business core courses must be completed before taking this course)

A capstone business course that integrates the functional areas of a business with the strategic decision-making process. In a team environment, students are expected to employ the skills and knowledge learned from their academic career in a computer-simulated industry. An analysis of case studies and/or current business articles will also be used to link academic concepts and theories to real-world situations.

BUA 404 Special Topics

1–3 credits

A study of selected topics offered at the discretion of the instructor. Open to qualified juniors and seniors who wish to do advanced work and permission of instructor.

BUA 405 Readings in Contemporary Business Issues

3 credits

This course addresses topics from selected themes of contemporary interest in the broad content area of business and may focus on accounting, economics, management, leadership, marketing, finance, and technology. This course will

explore questions raised by emerging new issues in the field of business and their potential impact on business, research, and society.

BUA 410 Senior Design and Application Project

3 credits

Prerequisite: Permission

(Senior standing in the School of Business, completion of, or corequisite in, all other school and program required courses.)

In this comprehensive course, students work individually on project proposals that demonstrate the student's preparedness as a practicing business professional. Students will prepare a learning agreement which includes a proposed comprehensive business problem and then implement a project that leads to a professional-quality report that analyzes the problem from several perspectives, presents and discusses solutions to the problem, and provides recommendations for action. Students must provide evidence that they have researched the topic and considered the problem from several business perspectives which may evaluate the financial, organizational, and/or operational impacts of the proposed solution. Oral and written reports will be evaluated during and at the completion of the project. A final presentation will be made before a faculty panel.

BUA 414 Independent Study

1–3 credits

Prerequisite: Permission

A course designed by the student with an instructor's guidance to allow students of superior ability to pursue a topic of interest not available through regular courses.

BUA 497 Internship

1–3 credits

Prerequisite: BUA 203, MGT 213, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit applying classroom learning to actual job experience. Ideally, majors in the program would do an internship with a small business. However, if the internship is with a larger company, the internship should include a variety of work experiences.

BUS BUSINESS

BUS 111 Marian Online Orientation

0 credits

Provides an online orientation to online learning and Marian University. Covers tools, procedures, policies and expectations involved in online courses. ("0" credit receives CR/NC grade.)

BUS 235 Mathematics for Managers

3 credits

(AGS students only)

This course gives the student a background in the application of mathematical concepts needed for success in the business world. Major topics of basic algebra, present and future values, simple and compound interest, and annuities prepare a student for advanced work in accounting, statistics, and quantitative analysis.

BUS 245 Managerial and Professional Ethics

3 credits

(AGS students only)

Examines the interaction between the social value and the economic value of the person and the community. Discussion encompasses economic theories and ethical concepts relative to moral issues in business. From the perspective of ethical theories, case studies and student experience prompt critical analysis and evaluation.

BUS 343 Technology of Information Systems

3 credits

Prerequisites: TEC 102, TEC 200

(AGS students only)

Provides an overview of the tools and resources necessary to provide effective information systems support. Introduces the organization, structure and functions of operating systems, the analysis of the components of a computer system and their relationship to each other. Includes concepts of connectivity, installation and maintenance of hardware, software and peripheral devices. Proves cases demonstrating realistic hardware/software problems encountered in the workplace and techniques and procedures used to implement solutions.

BUS 348 Principles of Data Management

3 credits

Prerequisite: TEC 200

(AGS students only)

Examines the functions and operations required to manage information for business decisions. Focuses on the use of various information technologies and tools that support transaction processing, decision-making, and strategic planning. The diverse information needs of different organizations are used as examples of practical applications of this technology. Introduces the practical concepts of data structures; indexed and direct file organizations; data models, including hierarchical, network, and relational models; storage devices; data administration and analysis; and design and implementation. Students use database software in creating, modifying, retrieving, and reporting from databases.

BUS 435 Statistical Applications

3 credits

Prerequisite: MAT 123

(AGS students only)

An emphasis in applying concepts from statistics specific to statistical process or quality control from a Deming

perspective. The study focuses on statistics in analytical studies with time devoted to control charts, Pareto analysis, and short-run Statistical Process Control (SPC) techniques. Design of experiment is discussed as a process improvement method.

BUS 438 Business Data Communications and Networks

3 credits

Prerequisite: BUS 343

(AGS students only)

Provides an analysis of the basic theory of data transmission, network topologies, protocols, operating systems, and business network applications. The link between business needs and applications of data communications principles are stressed. This course introduces a wide variety of data communications concepts, including voice and data transmission, the role of international standards, the OSI model, the Internet, corporate intranets and extranets, and the challenge of network management.

BUS 458 Systems Analysis and Design

3 credits

Prerequisites: BUS 343, BUS 348

(AGS students only)

Analyzes established and evolving methodologies for development of business-oriented computer information systems. Develops competencies in techniques that apply modern software tools to generate applications. Introduces fundamental concepts of systems design such as the SDLC and rapid application development. Provides instruction for creating or modifying a system by gathering details, analyzing data, designing systems to provide solutions, and implementing and maintaining the systems.

BUS 495 Synthesis Portfolio

1 credit

(AGS students only, Senior Standing, all Business core courses must be completed before taking this course)

The purpose of this capstone course is to reflect on your learning processes through integration of the liberal arts core with the curriculum of the Bachelor of Business Administration program. Its primary focus is to examine the critical thinking skills developed throughout the entire academic program resulting in the completion of degree requirements.

CHE CHEMISTRY

CHE 001 Preparatory Chemistry

3 credits

Prerequisite: MAT 002 or appropriate math placement test score; or

Prerequisite or Corequisite: MAT 001

This non-lab course is designed for students who need to take CHE 101 or CHE 103 but have had either no high school chemistry or have a weak mathematics or science background. These students should take this course to prepare for the mathematical aspects of introductory chemistry. Specific

topics will include units, metric system, atomic and molecular structure, chemical reactions, and stoichiometry. *(This course is a pre-college level course and does not fulfill degree requirements.)*

CHE 010 Chemistry Seminar

0 credits

Research seminars, reviews of scientific literature, and research proposals presented by chemistry and biology majors, faculty members, and/or guest speakers. ("0" credit receives CR/NC grade.)

CHE 101 Principles of Chemistry I

4 credits

Prerequisites: High school chemistry or CHE 001 with a grade of C or higher; MAT 001 or appropriate math placement test score

An introduction to the fundamental principles of Chemistry, including modern concepts of atomic and molecular theory, physical states of matter, stoichiometry, chemical bonding, gas laws, equilibria, and reactions of inorganic compounds.

CHE 102 Principles of Chemistry II

4 credits

Prerequisite: CHE 101 or CHE 105 with a grade of C or higher

A second-semester general chemistry course that introduces the topics of equilibrium, kinetics, ionic equilibria of weak electrolytes, solubility product, coordination compounds, thermodynamics, electrochemistry, and descriptive chemistry. Qualitative analysis is included in the laboratory portion of this course.

CHE 103 General, Organic, and Biochemistry

5 credits

Prerequisites: High school chemistry or CHE 001 with a grade of C or higher; MAT 001 or appropriate math placement test score

An introductory course for non-science majors. This course provides a basic knowledge of chemistry and its application to everyday life with special focus to biological and medical applications. With laboratory.

CHE 104 Introduction to Biochemistry

4 credits

Prerequisite: C or better in CHE 101

(RN-BSN/MSN students only)

An introductory course for non-science majors. This course provides a basic knowledge of chemistry and its application to everyday life with special focus on biological and medical applications.

CHE 105 Intermediate Chemical Principles

2 credits

Prerequisite: C or better in CHE 103

A bridge course to enable students who have satisfactorily completed CHE 103 (General, Organic, and Biochemistry) prepare for CHE 102 (Principles of Chemistry II). This course will address those topics of CHE 101 which are not comparably discussed in CHE 103.

CHE 151 Principles of Chemistry Laboratory I

1 credit

*Prerequisite: Permission**A satisfactory score on Chemistry CLEP examination must be earned for the lecture portion of CHE 101*

Laboratory course for those students required to take a first semester general chemistry laboratory.

CHE 152 Principles of Chemistry Laboratory II

1 credit

*Prerequisite: Permission**A satisfactory score on Chemistry CLEP examination must be earned for the lecture portion of CHE 102*

Laboratory course for those students required to take a second semester general chemistry laboratory.

CHE 201 Organic Chemistry

3 credits

Prerequisite: CHE 102 with a grade of C or higher (Corequisite in CHE 251 recommended)

An in-depth study of the chemistry of organic compounds. This course includes nomenclature, structure, reactions, stereochemistry, an introduction to absorption spectroscopy, and uses and reaction mechanisms of organic molecules.

CHE 202 Organic Chemistry II

3 credits

Prerequisite: CHE 201 with a grade of C or higher (Corequisite in CHE 252 recommended)

A continuation of CHE 201.

CHE 204 Special Topics

1–5 credits

A course allowing for instruction in areas not included in the regular chemistry curriculum. Topics vary according to the expertise of individual instructors.

CHE 251 Organic Chemistry I – Lab

1 credit

Prerequisite or corequisite: CHE 201

An introduction to the techniques and methods of the organic chemistry laboratory. This course includes the synthesis of various classes of compounds, determination of properties and structures, product evaluation, introduction to various instruments and identification.

CHE 252 Organic Chemistry II – Lab

1 credit

Prerequisite: CHE 251 or corequisite: CHE 202

A continuation of CHE 251.

CHE 300 Analytical Chemistry

4 credits

Prerequisite: CHE 102 with a grade of C or higher

An introduction to the principles of analytical chemistry with emphasis on analytical methods involving volumetric, optical, separations, and electrochemical analyses, especially for

chemistry majors, pre-medical, and medical students, medical technology and other students in biological sciences.

CHE 301 Instrumental Analysis

4 credits

Prerequisite: CHE 300

An introduction to chemical instrumentation presenting theoretical and experimental aspects of solving analytical problems. The course introduces the applications of modern instruments to the detection and identification of chemical elements and compounds, covering ultraviolet, visible, infrared spectrophotometry, ESR, NMR, atomic absorption, ion exchange, gas chromatography, and electrochemistry. This course also includes the interfacing of instruments to computers.

CHE 302 Biochemistry

5 credits

Prerequisite: CHE 202

A lecture and laboratory course directed toward the study of the organic and inorganic constituents of living matter with particular emphasis on the carbohydrates, proteins, lipids, nucleic acids and enzymes and their mode of action in relation to digestion, absorption and biological oxidation. This course also includes metabolic pathways, blood constituents and analyses of biological fluids.

CHE 312 Chemistry Literature and Seminar

2 credits

Prerequisite: CHE 010

A seminar based on the reading of current chemical literature and the presentation of research seminars. In addition, students will prepare and present senior research proposals for a senior research project.

CHE 397 Internship

1–3 credits

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. *(This course will not count toward the chemistry major/minor without prior written permission of the department chair.)***CHE 401 Physical Chemistry I**

3 credits

*Prerequisite: MAT 202**Prerequisite or corequisite: CHE 300*

A survey course covering topics such as chemical thermodynamics, chemical kinetics, equilibria, phase rule, solutions, spectroscopy, quantum chemistry, electrical and magnetic properties, and the states and structures of matter.

CHE 402 Physical Chemistry II

3 credits

*Prerequisite: CHE 401**(Corequisite in CHE 452 recommended)*

A continuation of CHE 401.

CHE 404 Special Topics

1–5 credits

A course allowing for instruction in areas not included in the regular chemistry curriculum. Material covered varies according to the expertise of individual instructors.

CHE 411 Advanced Organic Chemistry

3 credits

Prerequisite: CHE 202

More extensive coverage of selected topics from Organic Chemistry 201/202. Topics covered are determined by the instructor and the students, and may include industrial organic chemistry, chemistry of drugs, alkaloids, spectral problems, reactive intermediates, and other similar topics.

CHE 414 Independent Study

1–3 credits

Prerequisite: Permission

This course provides the student an opportunity to study a topic of interest that is not covered in any other course. The student is required to do most of the work on an independent basis but does meet periodically with the supervising professor. The number of credits received is determined by the supervising professor.

CHE 425 Chemistry Senior Research I

1 credit

Prerequisite: CHE 312

The first of two courses that comprise an individually arranged research project under the guidance of department faculty. Each chemistry major elects to do laboratory/field research on a problem in chemistry of personal interest. In this course the student will refine research methods and experimental design, including data collection, and complete initial sections of the final written report.

CHE 426 Chemistry Senior Research II

1 credit

Prerequisite: CHE 425

The second of two courses that comprise an individually arranged research project under the guidance of department faculty. Each chemistry major elects to do laboratory/field research on a problem in chemistry of personal interest. In this course the student will collect and analyze data, finish and submit a written report, and do a public presentation of his or her research.

CHE 451 Physical Chemistry I – Lab

1 credit

Prerequisite or corequisite: CHE 401

Experimental work correlating with the theory of CHE 401 Physical Chemistry I.

CHE 452 Physical Chemistry II – Lab

1 credit

Prerequisite or corequisite: CHE 402

Experimental work correlating with the theory of CHE 402.

CHE 497 Internship

1–3 credits

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. *(This course will not count toward the chemistry major/minor without prior written permission of the department chair.)*

CHH COMMUNITY HEALTH AND HUMAN SERVICES**CHH 204 Special Topics**

1-3 credits

A course allowing for instruction in areas not included in the regular Community Health and Human Services curriculum. A subtitle indicating this specific subject is added each time the course is offered.

CHH 300 History of Health and Welfare Policy

3 credits

This course covers the historical development of health and welfare policy and the impact of social, economic factors, and the ideological systems on related laws, policies and programs. The development of related professions and selected social movements is also addressed.

CHH 304 Pathophysiology

3 credits

Prerequisite: C (2.00) or higher in BIO 201, BIO 202 or BIO 205

The student reviews concepts of anatomy and physiology and acquires knowledge about the pathophysiology of disease processes affecting the person across the life span. The student utilizes the processes of critical thinking and decision making within the evolving professional nurse role by exploring concepts and alterations of immunity, inflammation, infection, cellular proliferation, hormonal, musculoskeletal, renal, neurological, respiratory, hematological, and cardiovascular systems and functions of the person across the life span.

CHH 305 Poverty and Community Health

3 credits

This course examines the cultural and structural aspects of poverty and their impact on populations at risk both globally and in particular in the United States. Emphasis is placed on policy, programs and services - both health and economic - designed to alleviate poverty and address its damaging effects.

CHH 404 Special Topics

1-3 credits

A course allowing for instruction in areas not included in the regular Community Health and Human Services curriculum. A subtitle indicating this specific subject is added each time the course is offered.

CHH 410 Community Health Theory and Practice

3 credits

Examination of theory and practice impacting community health systems. Exploration of the systemic, ecological and multidisciplinary frameworks for understanding social network, neighborhood, organizational and community behavior, including identification and evaluation of the roles of community members impacting social change.

CHH 411 Aging in the 21st Century

3 credits

This course introduces students to the study of aging, focusing on health policy and services designed for this rapidly increasing demographic group. In 2011 the first baby boomers turned 65 which means policy and service must respond quickly to rapidly increasing system demands. In addition to a general overview of aging and the life-course, a range of current issues relevant to aging will be presented.

CHH 430 Community Mental Health

3 credits

Prerequisite: PSY 211

A course introducing students to community mental health services in contemporary society. A review of the history of mental health services, legislative changes, and evidence-based practices is provided. Includes exploration of current service delivery systems and the role of community health and human services practitioners.

CHH 495 Community Health and Human Services Capstone

3 credits

Prerequisite: Permission

In consultation with the instructor, students will identify and design a capstone project that demonstrates their ability to integrate the knowledge gained throughout the Community Health and Human Services curriculum. Projects may include, direct service learning experiences in community health and human service agencies, research projects or other forms of applied learning.

CMG CULTURAL, MEDIA, AND GENDER STUDIES**CMG 204 Special Topics**

1–3 credits

A course allowing for instruction in areas not included in the regular Cultural, Media, and Gender Studies curriculum. Topics vary according to the expertise and interests of individual instructors.

CMG 215 Contemporary Culture

3 credits

In this course, students will examine the effects of cultural processes and products on the values, beliefs, identities, and relationships of power that shape society, with particular attention given to the role of the media and the social

construction of gender. Students are introduced to the process of critical cultural inquiry—the integration of critical thinking, theory and socially responsible engagement—as a means of analyzing (1) cultural artifacts such as consumer goods (clothing, music CDs, cell phones), television programs, advertisements, films, and architecture; (2) the media’s role in shaping how meaning is created and communicated; and (3) social institutions and practices, and how they help create and maintain inequalities in identity. Specific emphasis is also given to identifying injustice and developing appropriate responses. Theories and methodologies from a variety of disciplines are employed.

CMG 315 Gender and Sexuality in the 21st Century

3 credits

An advanced inquiry into gender theory and sexuality studies that re-situates its key concepts within the larger field of cultural representation, including film and media. While broadly overlapping fields, gender theory is here understood to include approaches from feminist, postmodern, and poststructuralist theories of gender, while sexuality studies also includes diverse approaches drawn from sexology, psychoanalysis and queer theory. This course aims to furnish students, who may already have established an interest in understanding gender and sexuality as critical categories, with more advanced theories and methodologies. Through critical study, students develop specific concepts, terminology, and methods needed to participate in on-going theoretical debates within gender theory and sexuality studies, in addition to using such theories to analyze cultural representations.

CMG 397 Internship

1–3 credits

Prerequisite: CMG 215

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students’ academic coursework to non-academic professional experiences.

CMG 404 Special Topics

1–3 credits

In this course, students engage in a supervised, independent research project that focuses on an issue, problem or topic within their area of concentration (culture, media, or gender), culminating in the writing and presenting of a comprehensive paper. With the approval of the instructor, the research may include a community project or some form of ethnography. Primary emphasis is given to the demonstration of proficiency in the application of critical cultural inquiry (which includes responsible social engagement), the effective use of appropriate methodologies and the demonstration of how the research is relevant to an aspect of the student’s major. The seminar process will include class discussions of research and writing-in-progress. Students can take this course more than once.

CMG 414 Independent Study

1–3 credits

Prerequisite: Permission

A course designed by a superior student, with faculty guidance, to explore a topic not covered in traditional course offerings.

CMG 497 Internship

1–3 credits

Prerequisite: CMG 215

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

COM COMMUNICATION**COM 100 Introduction to Communication**

3 credits

This course examines the history of communication including verbal, nonverbal and written forms. The curriculum covers various ways of studying communication processes, including communication models. Students are introduced to the application of basic communication concepts and theory in interpersonal, group, organizational, and mass communication contexts.

COM 101 Fundamentals of Communication

3 credits

This course focuses on the exploration of fundamental principles of effective communication. Skilled communication behaviors are developed through the study and practice of interpersonal communication, public speaking, listening, and group dynamics. Practical applications include class discussion, group activities, listening exercises, and individual presentations.

COM 102 Electronic Student Newspaper

1 credit

Students gain experience working on the publication of a newspaper, with the opportunity to serve in a number of capacities: news writing and reporting, feature writing, sports writing and reporting, layout and design, photojournalism, advertising sales, and management. (*repeatable for credit*)

COM 202 Writing for Media

3 credits

This course introduces students to the principles of writing news in text form for web-based publications and as scripts to be used in broadcast-style reports via the web, television, or radio. In addition to news, public relations writing – in the form of news releases and public service announcements (PSAs) – and advertising writing is covered.

COM 204 Special Topics

3 credits

An exploration and analysis of special areas, issues, or problems in communication, chosen because of their special relevance or interest and not specifically examined in other courses.

COM 207 Newspaper Editorship

1 credit

*Prerequisite: Permission**(Enrollment restricted to appointed editors)*

Students gain experience as editors of a student publication, completing editors' duties: making assignments; managing the staff; planning and organizing; editing copy, photography, and artwork; writing; and helping to manage the budget. The editors reflect with the advisors on their effectiveness in areas of group process, interpersonal communication, public speaking, staff management, ethics, writing, editing, and layout and design.

COM 210 Mass and Digital Communication

3 credits

This course deals with the influence of mass media on people's personal lives, corporate environments and the government. It studies the interrelationship of the mass media with individuals and society. The interaction of media with legal, political, cultural, economic, and social forces and trends is examined. Study of the structure and practices of the media industries includes consideration of regulation, news coverage, advertising and public relations, government, and technology.

COM 215 Introduction to Public Relations

3 credits

Students will be introduced to the profession of public relations — its practice, history, and legal and ethical issues. This includes how to communicate with various publics (community, consumers, employers, government, the media) for various purposes (education, political and social action, community relations, issues, and crisis management). Students will be encouraged to explore how public relations is practiced in their own disciplines.

COM 232 Public Speaking

3 credits

A course applying traditional rhetoric and communication theory to oral presentations. Students study, write, deliver, and evaluate public speeches. Emphasis is placed on the students' ability to speak from an outline in a variety of situations including informative speaking, persuasive speaking and demonstration speaking. All presentations are made in class and videotaped to aid in evaluation.

COM 302 Intercultural Communication

3 credits

This course develops intercultural communication competence through an exploration of cultures. Using a broad definition

of culture, which includes norms, values, beliefs, art, music, and literature, students examine the world as a place of dynamic change and cultural interaction, increasing their need for intercultural sensitivity in general. Through both theory and personal experience, students examine how the various components of communication are affected by and interface with the intercultural experience. Service learning is a component of this course.

COM 315 Public Relations Writing and Practice

3 credits

Prerequisites: COM 215, ENG 105, ENG 106, or ENG 230

Students will learn the theories and principles of good public relations writing and practice. This includes how to develop, write and present press releases, reports, speeches, newsletters and brochures, advertisements, papers and letters, and give interviews. Students also will learn theories of persuasion, practical legal and ethical concerns, and how to conduct and evaluate research. *(Course may serve as an upper-level journalism writing elective.)*

COM 321 Organizational Behavior and Communication

3 credits

(Also MGT 321)

The course provides a broad overview of the theoretical and conceptual issues relevant to organizational communication. The focus is on how communication operates in organizations, the impact of communication on organizational life, and how communication can be made more efficient and effective in meeting personal and organizational goals.

COM 322 Argumentation and Persuasion

3 credits

The course utilizes classical and contemporary methods of logical reasoning, emotional appeal, and ethos as persuasive techniques to teach students problem analysis, research of evidence, and formulation and defense of one's position on an issue. Students write and present position papers on contemporary issues; analyze advertising, mass media techniques of persuasion, and political rhetoric; and explore the ethical issues surrounding the use of persuasion and propaganda in conveying messages. In the process, the course helps students become rational decision-makers who are able to defend and debate their positions on critical issues. Students are assessed on both written and oral skills.

COM 324 Interpersonal Communication

3 credits

The course examines the basic principles and theories of interpersonal communication. Students study and practice basic principles for effective interpersonal communication. Study includes language, perceptions, values, culture, nonverbal communication, and self-concept and listening and their effects on communication.

COM 333 Computer Applications for Communications

3 credits

The course introduces students to the use of computer programs for desktop publishing. Students design and produce various documents, including brochures, newsletters, etc. A thorough understanding of the elements of good design is stressed in the course through the application of both analytical and hands-on skills.

COM 334 Discussion and Small Group Interaction

3 credits

With emphasis on practical application, the course focuses on the theories and dynamics of group decision-making. Various processes are explored along with leadership responsibilities and analysis of group effectiveness.

COM 397 Internship

1–3 credits

A learning approach that integrates college studies with paid, practical work experience that is directly related to the communication major. Students earn credit for internship work experience. Opportunities for internships exist in business, industry, government and service agencies.

COM 400 Theories in Communication

3 credits

Prerequisite: COM 100

The purpose of the course is to provide students with an understanding of the background, principles and implications of theories of communication both generally and within specific communication contexts. Students compare the ways these differing approaches and theories influence the way people see and interpret behavior; and the ways these approaches and theories make differing predictions about human behavior.

COM 401 Legal Issues in Communication

3 credits

The course examines the development of the complex relationship of communication and the law to the present day, and covers a variety of free expression issues in contemporary society. The U.S. legal system itself is studied. Emphasis is placed on the First Amendment to the U.S. Constitution and on libel, privacy, and copyright law. The relationship between regulatory agencies and the Internet, journalism, entertainment, political communication, commercial speech, and the mass media in general is explored.

COM 404 Special Topics

3 credits

Prerequisite: Permission

An exploration and analysis of special areas, issues, or problems in communication, chosen because of their special relevance or interest and not specifically examined in other courses.

COM 405 Senior Seminar in Communication

2 credits

A seminar course that assesses communication majors' and minors' general integration of material covered by their course of study. Students demonstrate their competency in the field by completing a critical analysis paper or public relations analysis, or creating an experimental training program. Discussion focuses on current communication research that forms the basis for students' projects and papers. Students also create a professional portfolio, conduct a job search, and make an oral presentation.

COM 406 Organizational Communication Senior Project

3 credits

Prerequisite: Permission (AGS students only)

A capstone course wherein communication majors apply the theories and concepts of the degree in an assessment project that evaluates the communication process and competencies of their respective organizations or places of employment. The students write a major assessment paper and make a presentation based on the paper.

COM 410 Listening

3 credits

A seminar course which focuses on improving overall communication competence, by honing students' listening skills in a variety of contexts both professional and personal. Attention will be paid to both theory and practice of listening with particular attention to the HURIER model.

COM 412 Digital Communication

3 credits

Prerequisite: COM 333

Students will write, edit and create content for the digital communication world. This course provides an advanced-level opportunity to practice and polish the related skills of reporting, writing and editing for multimedia platforms. Students will learn advanced newswriting with a focus on feature writing and investigative reporting, as well as advanced-level digital production skills for creating websites, social media tools and working with different file formats.

COM 414 Independent Study

1–3 credits

Prerequisite: Permission

A course designed by the student with an instructor's guidance to allow students of superior ability to pursue a topic of interest not available through regular courses.

COM 416 Crisis Communication

3 credits

Taking a service-learning approach, the course will explore approaches to communicating with various publics, legal issues and mandates for public knowledge, ethical issues and extensive understanding of strategies, planning and implementation of crisis communication efforts.

COM 420 Professional Presentations

3 credits

Prerequisite: COM 232

This course focuses on building students' presentation skills in a variety of professional settings, including training, advocacy, and sales. Individuals and teams design professional-length presentations involving the use of visual and audio aids, written materials for the audience, and computer-generated graphic presentations. Students develop proficiency in the critique and analysis of professional presentations.

COM 431 Training and Assessment in Communication

3 credits

With an emphasis on practical application of communication theory, students use a variety of assessment and experiential training models to enhance organizational communication. Students assess organizations, and plan and deliver experiential training modules in real-world settings. Students learn and apply leadership and facilitation skills. *(The course is recommended for juniors and seniors who have completed COM 232 Public Speaking or COM 101 Fundamentals of Communication.)*

COM 497 Internship

1–3 credits

A learning approach that integrates college studies with paid, practical work experience that is directly related to the communication major. Students earn credit for internship work experience. Opportunities for internships exist in business, industry, government, and service agencies.

CRJ CRIMINAL JUSTICE**CRJ 101 Introduction to the Criminal Justice System**

3 credits

This course explores the three main subsystems of the criminal justice system: law enforcement, courts, and corrections. The history, philosophy, structure, current issues, and future trends of these three main subsystems are presented, discussed, and studied using a cooperative learning approach. This course also identifies the functions and jurisdiction of Wisconsin law enforcement and criminal justice system agencies, and the sources and legal principles that form the foundation of Wisconsin criminal law. Additionally, belief systems, social pressures, moral problems, ethical decision making, and the consequences of decisions are discussed. This course identifies the resources available in communities to assist the criminal justice system. This course also covers Wisconsin requirements for written law enforcement agency policies and procedures.

CRJ 102 Constitutional Law

3 credits

In this course, students will examine the tenuous balance between the needs of society to investigate and prosecute criminal conduct against the rights of the individual to be free from governmental intrusion in their lives. Students will

analyze laws and court decisions relating to arrest, search and seizure, and confessions law under the 4th, 5th, 6th and 14th Amendments to the U.S. Constitution.

CRJ 105 Survey of Forensic Sciences

1 credit

(Also FOS 105)

A lecture/seminar course that has the goal of providing students a general introduction to the application of scientific knowledge to the purposes of the law. It will familiarize students with some of areas of science which are involved in the court process, particularly in criminal trials, and the role of the forensic criminalist in criminal procedure. Accordingly, this class will survey forensic criminalistics and prepare students for additional, more in-depth classes in criminalistics and forensic science later.

CRJ 201 Criminal Law

3 credits

Prerequisite: CRJ 101

This course identifies the elements of crimes against persons, property, controlled substances, and alcohol beverage laws. The legal definitions and potential penalties of felonies, misdemeanors and ordinance violations are explored. Students will be able to identify potential violations and penalties in simulated cases.

CRJ 203 Juvenile Law

3 credits

Prerequisite: CRJ 101

This course examines the juvenile justice system, including juvenile court proceedings involving alleged delinquent children and on behalf of children in need of protection and services under applicable Wisconsin Statutes and constitutional law principles. The roles and responsibilities of law enforcement, child protection agencies, intake workers, and court officials are developed. The juvenile justice system is also examined from a sociological perspective with students evaluating the system's effectiveness in controlling juvenile delinquency by reviewing recent legislation and court ruling on the rights of youthful offenders and assessing legal efforts to correct their antisocial behavior.

CRJ 214 Statistics for Criminology and Criminal Justice

3 credits

Prerequisite: Appropriate math placement test score or MAT 001 with grade of C or higher and CRJ 101 or HSL 201

This course is an introduction to the basic principles of quantitative data analysis. Students will apply these principles to data analysis in criminological and criminal justice study. The focus of this course is to be placed on guiding students in interpreting criminological and criminal justice statistics and research, in which case an emphasis will be placed on the application of summary statistics, one-/two/multi-sample tests, linear models, association tests, randomness/normality tests, and probability distributions to criminal justice models of inquiry.

CRJ 220 Critical Issues in Criminal Justice

3 credits

Prerequisite: CRJ 101

This course examines trends and issues in the delivery of public safety issues and services. It explores strategic innovations such as community policing, problem-oriented policing, disorder-based policing, Intelligence-Led Policing and the use of technologies. It discusses criminal justice effectiveness and reviews what research tells us about 'what works'. The course also examines issues of law legitimacy and accountability, corruption, regulating use of force and brutality, special and legal issues in policing as well as in a law enforcement agency, and the challenges involved in ensuring that criminal justice professional's behavior conforms with democratic principles such as fairness, equity, access to justice and respect for human rights. It also looks at issues of equity and diversity as regards to women in the criminal justice arena and relationships with ethnic minority communities. Finally, it sketches and assesses developments in private policing, both domestically and globally. While this class focuses on critical issues in the United States, it offers a global perspective and incorporates examples from different parts of the world.

CRJ 301 Criminal Investigations

3 credits

Prerequisites: CRJ 101, CRJ 201

This course is a study of the fundamentals of criminal investigations, including the principles involved in the collection, processing, and preservation of physical evidence. Students will examine the unique aspects of death, sexual assault, and child maltreatment investigations, including crime scene management, identification and evaluation of physical evidence found in the crime scene, and the collection and preservation of that evidence.

CRJ 302 Criminal Procedures

3 credits

This course is designed to introduce students to specific laws and court decisions on topics of arrest requirements, frisks and searches, seizures, warrants and exceptions, confessions and statements, and trial procedures.

CRJ 303 Law Enforcement Administration

3 credits

Prerequisite: CRJ 101

A survey course of police management practices and principles. The course is structured to provide the student with a comprehension and knowledge of the law enforcement profession, including administration, management, and supervision, and duties and functions therein. The course focuses on job descriptions and responsibilities, as well as law enforcement traditions, current trends and practices, and the future needs from an administrative and technical standpoint. Other topics covered include staff development, planning, budgeting, community relations, and legal aspects of administration. Application of decision-making and problem-oriented policing techniques are included in this course.

CRJ 304 Rules of Evidence

3 credits

(Also FOS 304)

Prerequisite: CRJ 101 or CRJ 102

This course is a study of the nature, types, and degrees of evidence used in criminal prosecutions. The course emphasizes the vital importance of “why” and “how” evidence handled by the forensic criminalists for proper presentation and administration into the trial, in accordance with historical rule governing the admissibility of evidence in court. This includes the citizen-to-criminalist, criminalist-to-criminalist, and criminalist-to-prosecution chain of evidence rules. A basic legalistic criminalistic component will be stressed, which will examine the various analytical systems used in the evaluation of physical evidence which includes the correct identification, collection, and preservation of evidence.

CRJ 306 Understanding Gang Formation and Behavior

3 credits

Prerequisite: CRJ 101

This course is designed to provide the student with a thorough understanding of gangs, theories of gang formation, gang behavior, and policies implemented to address them. Upon completion of this course, students should have a good understanding about what a gang is, how gang violence is functional, and how the existence of gang criminal activity has impacted criminal justice policy (prosecution, courts, prisons, probation, and parole).

CRJ 307 Crimes Against Children

3 credits

Prerequisite: CRJ 101

This course studies the different types of child abuse. Central to this course is an extensive review and examination of the multiple causes and intricate familial dynamics of abuse. Both the physical and behavioral indicators of the victim are also studied, as well as potential family intervention strategies.

CRJ 310 Criminology

3 credits

(Also HOS 310)

Prerequisite: CRJ 101

An overview of theories of crime. The following theories will be explored: classical, spiritual and natural explanations; biological factors; psychological factors; control theories; deterrence theories; conflict theory; gender and crime; age and crime; and integrative theories.

CRJ 312 Crisis Intervention and Management

3 credits

(Also HOS 312)

Prerequisite: CRJ 101

Students will learn the role of crisis intervention and its management strategies necessary for their criminal justice career. Professional communication will be integrated and reinforced throughout the course. Students will be

expected to apply these professional communication skills appropriately in (all) simulations. Students will also learn intervention principles, guidelines and techniques for criminal justice, public safety and health providers- about persons with possible mental disorders, alcohol or drug problems, dementia disorders, and/or developmental disabilities. Strategies of crisis intervention will be discussed in their own right and within the contexts of: suicide and personal loss/bereavement as well as other crises of lethality; posttraumatic stress disorder, hostage situations and the catastrophic events that are related, and sexual assault and domestic violence (including both adult and child victims and the perpetrators of these crimes) as well as the current issue of school-based violence.

CRJ 325 Corrections

3 credits

Prerequisite: CRJ 101

An overview of corrections (jails, prisons, probation/parole, and community-based options) as a means to protect society. Students will develop an understanding of the concepts of incarceration, prison management, and rehabilitation (penology), especially in the United States. Topics include pre-sentence investigations, sentence recommendations, conditions of probation and parole, case plans, rules, probation / parole violations, and revocations. How offenders change their lives in order to become productive community members will be explored in this course. Students will become familiar with corrections philosophies, prison violence, inmate subcultures, health care needs, treatment programs, punishment, prison educational programs, community perceptions, and jail administration. Consideration of aspects of probation service delivery, home visits, restitution, court obligations, supervision fees, and alternative methods of community protection.

CRJ 340 Principles of Judicial Practice

3 credits

Prerequisite: CRJ 101 or CRJ 102

This course focuses on the dynamics of the court by introducing the concept of the courtroom workhouse and the interrelated relationship of the three main actors-judge, prosecutor, and defense attorney-thus illustrating the law in action, not just boring theories and facts. It is important to understand the basic layout of the judicial process, no matter what field of law or criminal justice one may be in. This class provides the basic concepts needed.

CRJ 350 Principles of Professional Practice

3 credits

(Also HOS 350)

Prerequisite: CRJ 101 or CRJ 102

This course is a seminar in the major concepts of professionalism in criminal justice administration, and further, an introduction to the knowledge and skills necessary for one to practically apply the theory and principles of professionalism

and professional conduct in the environment of criminal justice practice.

CRJ 360 Practicum in Research I

1–3 credits

(Also PSY 360, SWK 360)

Prerequisite: Permission

Introduction to the practice of developing research skills in the major. Students perform, under supervision, various tasks associated with the research process. Tasks may include collection of data, development materials, literature searches, data analysis, report preparation, or other activities.

CRJ 362 Practicum in Research II

1–3 credits

(Also PSY 362, SWK 362)

Prerequisite: CRJ 360

A continuation of CRJ 360, a further practice of developing research skills in the major will be explored. Students perform, under supervision, various tasks associated with the research process. Tasks may include collection of data, development materials, literature searches, data analysis, report preparation or other activities.

CRJ 394 Criminal Justice Field Experience

0–3 credits

Prerequisite: Permission

An upper-level practicum for students majoring in criminal justice whose academic performance is judged adequate for placement. Practical work experience in law enforcement, probation and parole, or corrections is obtained with a federal, state, or local criminal justice agency.

CRJ 400 Criminal Justice Seminar

3 credits

(Senior standing)

An upper level seminar course specifically designed for criminal justice students. This seminar primarily deals with a career-oriented study of various federal, state, and local criminal justice departments /agencies. The course focuses on both the organizational structure and personnel policies of the respective departments/agencies. Some of the major areas of concentration will include recruitment and selection procedures, minorities in law enforcement, and inter-agency relationships within the criminal justice system. The course identifies the importance of specific recruiting policies and interagency relationships within criminal justice on employment.

CRJ 404 Special Topics

1–3 credits

Prerequisite: CRJ 101

Selected topics relating to the field of criminal justice are presented. The topics reflect the particular competencies and interests of program faculty taking into consideration the needs and requests of the students.

CRJ 414 Independent Study

1–3 credits

Prerequisite: Permission

Intensive independent study of a selected topic in the criminal justice system. The student is expected to research the topic and will prepare a critical documented paper on the topic. Also, see the statement on independent study.

CRJ 420 Race, Gender, and Ethnicity

3 credits

(Also HOS 420)

Prerequisite: CRJ 101

The focus of this course is to study the nature and extent of racial, cultural, and gender issues as they pertain to criminal justice issues in America. Furthermore, the class will attempt to distinguish the variability in past and existing criminal justice practices at each stage of the criminal justice system for minority groups.

CRJ 425 Crime Prevention and Community Safety

3 credits

Prerequisite: CRJ 101

Examination of crime prevention strategies and concepts, with emphasis on new and innovative approaches to preventing criminal behavior, primarily from the perspective of law enforcement. Review and discussion are focused on the following areas: diversity, facilitation and problem solving, and community policing strategies. Students will recognize the dynamics of a diverse society, identify hate crimes, recognize the role of problem solving within the community, apply principles of crime prevention, and understand the components of community policing.

CRJ 457 Comparative Criminal Justice Systems

3 credits

Prerequisite: CRJ 101

This course is an upper division examination of criminal justice systems worldwide. Students will explore the justice systems predicated on Common and Civil Law as well as Sharia Law and Marxist traditions. The course explores the means of establishing cooperation toward mutual goals despite structural, historical and ideological differences.

CRJ 494 Criminal Justice Field Experience

0–3 credits

Prerequisite: Permission

An upper-level practicum for students majoring in criminal justice whose academic performance is judged adequate for placement. Practical work experience in law enforcement, probation and parole or corrections is obtained with a federal, state, or local criminal justice agency.

CRJ 495 Capstone Project in Criminal Justice

3 credit

Prerequisite: CRJ 101

The capstone project includes an individual research, design,

and implementation project chosen by each student. Projects will be approved by the faculty member leading the capstone course. The expectation is that this would be a significant project acting as a capstone for their criminal justice leadership education. Depending on the student's interest, there may be more of a research and writing aspect to the work or possibly more design and implementation of software. The projects would be structured with various deliverables during the semester and culminating with a colloquium at the end of the semester. The particular content of each presentation would be agreed upon in advance by each student (or sub-group) and the professor. The professor will arrange for each of the students taking the senior seminar to give presentations preferably at the end the term to the cohort, seminar groups, and any other interested faculty and students.

DMS DIAGNOSTIC MEDICAL SONOGRAPHY

DMS 380 Diagnostic Medical Sonography Clinical I

12 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved diagnostic medical sonography clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in diagnostic medical sonography required for the BS degree. Students will receive a grade of "CR" for maintaining successful progress in the clinical program.

DMS 390 Diagnostic Medical Sonography Clinical II

12 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved diagnostic medical sonography clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in diagnostic medical sonography required for the BS degree. Students will receive a grade of "CR" for maintaining successful progress in the clinical program.

DMS 395 Diagnostic Medical Sonography Clinical III

12 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved diagnostic medical sonography clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in diagnostic medical sonography required for the BS degree. Students will receive a grade of "CR" for maintaining successful progress in the clinical program.

DMS 400 Diagnostic Medical Sonography Clinical IV

12 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved diagnostic medical sonography clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in diagnostic medical sonography required for the BS degree. Students will receive a grade of "CR" for maintaining successful progress in the clinical program.

DMS 410 Diagnostic Medical Sonography Clinical V

12 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved diagnostic medical sonography clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in diagnostic medical sonography required for the BS degree. Students will receive a grade of "CR" for maintaining successful progress in the clinical program.

DMS 415 Diagnostic Medical Sonography Clinical VI

6 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved diagnostic medical sonography clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in diagnostic medical sonography required for the BS degree. Students will receive a grade of "CR" for maintaining successful progress in the clinical program.

ECE EARLY CHILDHOOD–ELEMENTARY EDUCATION

ECE 101 Child Development

3 credits

An interrelated study of the physical, affective, social, cognitive, and moral growth of children from prenatal through middle childhood. Content is presented chronologically to develop understanding from various research sources and the major theorists.

ECE 102 Early Childhood Programs and Practices

2 credits

This course examines components of high quality inclusive early childhood programs and environments that enhances learning. Classroom management and guidance strategies that support children's safe and healthy development are explored. Theories of play as the main vehicle by which young children assimilate their experiences with the world are emphasized.

ECE 201 Foundations of Early Childhood Education

3 credits

Prerequisite: ECE 101

This course is an introduction to early childhood education. Historical, psychological, social, and philosophical foundations are examined and provide a base for evaluation of contemporary programs.

ECE 301 Teaching Young Children with Special Needs

3 credits

Prerequisite: EDU 213

This course is designed to give early childhood educators the needed expertise to teach young children with special educational needs, who are included in regular early childhood settings. It focuses on identifying the needs of those children and adapting early childhood curriculum and methodology in response to an extended range of individual differences.

ECE 302 Methods of Teaching the Young Child

4 credits

Prerequisites: ECE 101, ECE 201

This course examines the curriculum content of early childhood education programs and identifies developmentally-appropriate teaching methodology. Focus is on designing and implementing a comprehensive education program: child assessment, curriculum design, learning activities and materials, classroom organization, instructional techniques, behavior management, and program evaluation. Students develop skills by creating a thematic unit and teaching lessons in the Early Childhood Center.

ECE 312 Organization and Administration of Early Childhood Programs

3 credits

Prerequisites: ECE 101, ECE 102, ECE 201

An exploration of aspects of establishing and administering early childhood programs: needs assessment, program development, state and local regulation, financing, organizational structure, personnel management, environmental design, evaluation methods, and current issues.

ECE 401 Clinical Practice and Seminar – Pre-Kindergarten or Kindergarten

3–6 credits

A supervised classroom teaching experience that provides an opportunity for practical application of educational theory and research related to licensure grade level. Students are placed in either a pre-kindergarten or kindergarten setting. The seminar is designed to reflect upon and analyze teaching experiences and discuss relevant issues such as ethics, communication and classroom management.

ECO ECONOMICS**ECO 201 Macroeconomics**

3 credits

Prerequisite: MAT 100 or MAT 105 or MAT 111 or MAT 122 or MAT 130 or appropriate math placement test score

An introduction to the overall functioning of an economic system with a view toward understanding the factors underlying income, employment, and prices on the aggregate level. Topics include such monetary and fiscal policies as suggested by the relevant theories discussed.

ECO 202 Microeconomics

3 credits

Prerequisite: MAT 100 or MAT 105 or MAT 111 or MAT 122 or MAT 123 or MAT 130 or appropriate math placement test score

An introduction to the principles underlying the behavior of business firms, resource owners, and consumers within a system of price-making markets. Introduces the theory of value and distribution.

ECO 301 Managerial Economics

3 credits

Prerequisite: ECO 202, BUA 210 or MAT 122

Economic analysis for business decision-making. Topics discussed include: demand, elasticity and profitable pricing, cost and output decisions, statistical analysis of demand and costs, forecasting markets, and long-run vs. short-run profit analysis.

EDR RELIGIOUS EDUCATION**EDR 231 Introduction to Religious Education**

3 credits

Prerequisites: PHI 132 and THE 101

An examination of the various models of religious education today through study of the works of past and contemporary theologians and religious educators. Attention is given to particular issues of religious education, such as moral issues, dialogue, multicultural considerations and the utilization of the arts. The course gives attention to the role of religious educators and implications for religious education today.

EDR 302 Religious and Ethical Development

3 credits

Prerequisites: PHI 132 and THE 101

A study of how people develop their religious and ethical sensibilities and how those sensibilities affect how people respond to contemporary religious and ethical issues. Rooted in the work of theologians and educational theorists, this course facilitates critical analysis of contemporary religious and ethical issue and helps students decide how to solve such issues.

EDR 332 Interreligious and Interfaith Dialogue

3 credits

Prerequisite: THE 101

Dialogue between Christians, Jews, and Muslims has become increasingly important in the 21st century. What are these faith traditions, what are their basic beliefs and sacred texts (and the prejudices and stereotypes that accompany them), and how do people who align themselves with these traditions worship? These questions are examined through the practice of genuine dialogue that fosters unity, validation, and work for the common good. In this way, students can understand their own religious tradition more deeply in relation to other traditions. The practicality of interreligious and interfaith work is considered. This course is both theoretical and experiential, requiring students to visit a synagogue, church, and mosque outside of class sessions.

EDR 350 Holocaust and Genocide: Religious Perspectives

3 credits

*Prerequisites: THE 101**Prerequisite or Corequisite: PHI 132*

A theological and historical study of the Holocaust and contemporary genocide. Within an historical framework that considers the political nature of the Holocaust and other genocides, this course helps students study the theological precursors to the Holocaust and to contemporary genocides, what religious leaders did or did not do during the crises, and what religious people ought to do to prevent future atrocities. Students visit the Jewish Museum in Milwaukee or the Illinois Holocaust Museum as part of the class.

EDR 380 Jewish-Christian Relations

3 credits

Prerequisite: THE 101

What is the relationship between Christians and Jews? What has been the development in Christians' understanding of Jews and Judaism over the years? This course addresses these questions by examining the history of the relationship between Christians and Jews, from the first century through contemporary times. Stereotypes and prejudices found in past and present literature, media, and world events are analyzed and broken down. The nature and practice of genuine dialogue are central to this course. For students interested in religious education, this course offers further consideration to educational implications of Jewish-Christian relations and how students can teach about Jews, Judaism, the Holocaust, and scriptural texts. For other students, this course allows for the development of an understanding and appreciation of another religious tradition than one's own. The course is both theoretical and experiential. THE 327 (Vatican II) is highly recommended, but not mandatory, before taking this course.

EDR 385 Religious Education Curriculum

3 credits

Prerequisites: PHI 132 and THE 101

A study of religious education curriculum as it takes form in (1) Kerygma (proclamation); (2) Didache (teaching); (3) Leiturgia

(prayer); (4) Koinonia (community); and (5) Diakonia (service). Topics include religious education curriculum's theological foundations, its sources, and its null curriculum (what ought to be addressed but is not). Observation of and/or participation in a religious educational setting (church, hospital, school, prison, etc...) is required.

EDR 404 Special Topics

1–3 credits

Prerequisite: THE 101

A treatment of particular theological and/or religious education questions chosen because of special relevance or student interest.

EDR 497 Internship

1–3 credits

Prerequisite: THE 101

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. This experience ultimately serves to directly tie students' academic coursework to non-academic professional experiences.

EDU PROFESSIONAL EDUCATION**EDU 010 Field Experience One**

½ credit

(Admission to Field Experience)

Corequisite: EDU 200, EDU 202

An initial field-based experience focused primarily on observation. Seminars provide the student opportunities to: 1) reflect on observations and classroom experiences, 2) to be introduced to lesson planning, issues in classroom management, and conflict resolution, 3) to be introduced to the INTASK Teacher Standards and the use of these standards for professional goal setting, 4) develop a portfolio for the admission to the School of Education.

EDU 015 Modified Field Experience One

0 credits

A field-based experience designed for students who have had experience in the classroom and are seeking licensure in a first or additional certification area, which primarily focuses on the needs of the individual student. Seminars provide a pedagogical base for the implementation of the Wisconsin Teacher Standards and the development of the related portfolio. *(S/U grade only.)*

EDU 020 Field Experience Two

½ credit

Prerequisite: EDU 010

A supervised field-based experience in which students begin to apply theory and teaching strategies learned in education courses to initial teaching experiences. Seminars provide supplemental opportunities for the student to link theory to

practice, to continue the development and understanding of the InTASK Teacher Standards and the use of standards for goal setting and continue the development of lesson planning, issues in conflict management, and conflict resolution.

EDU 030 Field Experience Three

½ credit

Prerequisite: EDU 020

Prerequisite or corequisite: EDU 213

A supervised field-based experience in which content and pedagogies from advanced methods courses is applied to teaching experiences. Seminars provide students an opportunity to continue the development and understanding of the InTASK Teacher Standards and the use of standards for goal setting, lesson planning, issues in conflict management, and conflict resolution.

EDU 040 Field Experience Four

½ credit

Prerequisite: EDU 030

A supervised field-based experience which places greater emphasis on the integration of content and pedagogies. Seminars provide the student an opportunity to reflect and dialogue on the multiple facets of the teaching-learning situation, to continue the development and understanding of the InTASK Teacher Standards and the use of standards for goal setting, lesson planning, issues in conflict management, and conflict resolution.

EDU 100 Introduction to Education and Classroom Management

2 credit

Prerequisite or corequisite: EDU 010

An orientation to teaching as a profession and an overview of effective classroom management. Topics include the requirements for teacher licensure; the foundation and philosophical background of education in the United States; and issues and trends affecting education. Topics also include classroom management theories and techniques to analyze effective classroom management approaches.

EDU 200 Technology in Education

3 credits

Corequisite: EDU 010, EDU 202

(For education majors only)

The course that examines the role technology in the classroom. This course is designed to emphasize the use of Web 2.0, Social Media, other technologies, and learning theories and educational research in the school setting. Students will be introduced to applications that may be used in the PK-12 educational settings. Students will also look at various ways to integrate the WI State Teacher Standards, Common Core Standards, and the National Educational Technology Standards (NETS) into the curriculum.

EDU 202 Psychology of Learning

3 credits

Corequisite: EDU 010, EDU 200

This course will focus on the educational implications of psychological principles and theories of child and adolescent development derived from research. The application of theories and principles will emphasize components of the teaching–learning situation.

EDU 211 Foundations of Educational Systems

3 credits

An introduction to the systems that influence and govern the private and public schools in the United States and in Wisconsin. The course will include historical, philosophical, sociological, legal, political, economic, and governmental systems.

EDU 213 Introduction to Special Education

3 credits

This course addresses the characteristics of exceptional children and introduces successful inclusive teaching practices. This course will cover topics such as disability conditions, gifted and talented, legislation, collaboration, planning, assessment, response to intervention, and diversity.

EDU 301 Intercultural Studies for Educators

3 credits

Prerequisite: EDU 202

A critical examination of factors that impact student learning, i.e.: sexual orientation, gender, religion, socioeconomics, language, and age. The Native American culture is studied. Particular attention is given to critical race theory, educational equity and critical social justice theory as foundational to intercultural studies for educators. Students are expected to develop relationships with people from various cultural backgrounds, and they are expected to evaluate and assess forces of discrimination in schools today. This course fulfills the requirements put forth under PI 34.15(c).

EDU 412 Educational Measurement and Assessment

3 credits

A critical appraisal of formal and informal teacher-directed evaluation ranging from standardized tests to authentic assessment. Emphasis is placed on the evaluation process and interpretation of test results.

EME ELEMENTARY–MIDDLE EDUCATION

EME 206 Health and Physical Education Curriculum and Methods

2 credits

A course designed to help the student gain an understanding of health and physical education curriculum and instruction at the elementary school level. It provides an overview of planning, organization, management, and assessment of

developmentally appropriate content and methodology. Laboratory experiences will provide the student practice in instructional methods and techniques.

EME 303 Primary Reading: Teaching and Assessment

3 credits

Reading is a complex process that is best developed through both holistic and systematic methods. This course is intended to provide an overview of early reading and writing, instructional strategies in word recognition, including phonemic awareness and phonics, vocabulary development, and comprehension. It was designed to encompass both the theoretical and practical aspects of learning how to teach and assess reading in pre-kindergarten, kindergarten, and primary grade classrooms.

EME 304 Intermediate Reading: Teaching and Assessment

3 credits

Prerequisite: EME 303

This course is designed for teachers of intermediate or early adolescent students. Emphasis will be placed on a developmental approach to teaching reading which uses a balanced approach to meeting the needs of the students. Strategies for teaching fluency, vocabulary and word study, and comprehension will be studied to enable learners to become independent and competent readers. The reading/writing connection will be expanded upon. Assessment and evaluation will be taught as a means to inform instruction.

EME 306 Music Curriculum and Methods

2 credits

Prerequisite: MUS 101 or MUS 200 or MUS 202 or MUS 203 or MUS 205 with a grade of C or better

A course to prepare early childhood and elementary–middle education majors to teach music in the classroom through study of the musical needs of the child: singing, moving, playing classroom instruments, listening, and creating.

EME 311 Art Curriculum and Methods in Early Childhood, Elementary, and Middle Schools

2 credits

Prerequisite: ART 103 with a grade of C or better

A course that provides students with an opportunity to apply experiences gained in ART 103 and to apply learning theories of art education to the aesthetic dimension of education. Education majors gain insight into the importance of art education, into past and present art education perspectives and into the implementation of quality art lessons. These insights, along with in-class practice, develop competence in art instruction at early childhood, elementary, and middle-school levels.

EME 312 Teaching Language Arts

3 credits

Students study the development of written and oral language for children from birth through early adolescence. Students explore the socio-cultural, practical, and political aspects of

language arts instruction including the reciprocal nature of reading and writing. Topics include oral and written language development, methods of teaching and assessing writing, grammar instruction, and the role of children's literature within language arts instruction.

EME 316 Mathematics Curriculum and Methods

3 credits

Prerequisite: MAT 150, MAT 151 with a grade of C or better

A course that provides students with experiences using methodologies recommended for the effective teaching of mathematics. Students evaluate mathematics curricula and supplementary materials using specific assessment tools. Students review mathematics theory and content necessary for teaching early childhood, elementary, and middle school levels.

EME 322 Social Studies Curriculum and Methods

3 credits

Prerequisite: HIS 101; HIS 102 or HIS 111 or HIS 112; and POS 205 with a grade of C or better

A course that explores the disciplines that comprise the social studies core and also stresses the importance of addressing environmental issues. Students study a variety of methodologies and materials and have opportunities to teach social studies lessons, and discuss value clarification processes, questioning techniques, and current issues and social studies education.

EME 332 Science Curriculum and Methods

3 credits

Prerequisite: BIO 104 or BIO 100 and BIO 150; and PHS 102 or PHS 108 or PHS 110 or PHS 201 or CHE 101 with a grade of C or better

This course gives students opportunities to peer-teach science lessons using inquiry and process-oriented methodologies. They evaluate science curricula and materials using specific criteria, and review physical, biological and earth science content necessary for teaching for the early childhood, elementary, and middle school grades.

EME 420 Clinical Practice and Seminar – Elementary – Grades 1–6

6 credits

(Early childhood majors only)

A supervised teaching experience at the elementary level that provides an opportunity for practical application of educational theory and research. The seminar is designed for students to reflect upon and analyze teaching experiences and discuss relevant issues such as ethics, communication and classroom management.

EME 430 Clinical Practice and Seminar – Elementary – Grades 1–8

1–12 credits

A supervised teaching experience at the elementary/middle school level that provides an opportunity for practical

application of educational theory and research. The seminar is designed for students to reflect upon and analyze teaching experiences and discuss relevant issues such as ethics, communication and classroom management.

EME 450 Clinical Practice and Seminar – Minor

3–6 credits

A supervised teaching experience in an academic content area at the middle level that provides an opportunity for practical application of educational theory and research. The seminar is designed for students to reflect upon and analyze teaching experiences and discuss relevant issues such as ethics, communication and classroom management.

ENG ENGLISH

ENG 001 Basic Writing

3 credits

An intensive study of the writing process and of the most difficult features of standard edited English. Students develop their skills in invention, organization, revision, and proofreading. They learn the conventions of Standard English concerning sentence boundaries, agreement of subjects and predicates, verb forms, contractions, possessives, agreement of pronouns, commas, and spelling. (*This course is a pre-college level course and does not fulfill degree requirements.*)

ENG 103 Literary Magazine

0–1 credits

Students gain experience working on the publication of a literary magazine, with the opportunity to serve in a number of capacities: writing, producing artwork, reviewing and selecting submissions, and organizing layouts and design. (*“0” credit receives CR/NC grade.*)

ENG 105 Expository Writing

3 credits

Prerequisite: Appropriate English placement test score or ENG 001.

A course designed to enhance students' composition and critical thinking skills, by providing experiences with a range of writing strategies. This course will focus primarily on the writing of clear and thoughtful expository prose, as well as the identification and use of the rhetorical modes of development: narration, description, definition, division, classification, process analysis, comparison/contrast, cause/effect, and evaluation/analysis. Further, this class requires students to demonstrate their understanding of these rhetorical modes and their skill in employing them. Students develop their awareness of the resources of language and of the stages in the writing process. The course aims to make students competent in standard edited English and to prepare them for the writing they will do in college and in their careers.

ENG 106 Argumentative and Research Writing

3 credits

Prerequisite: ENG 105 or appropriate English placement test score

A course introducing students to the principles of college research, with emphasis on analytical reading of research material, focused use of sources, and the methodology of citation and documentation. This course will focus primarily on the translation of critical reading and critical thinking into critical writing by reinforcing and expanding upon the rhetorical modes, the foundational mechanics, and the composition skills taught in the expository writing course, as well as the critical-thinking, critical-reading and library skills introduced in the First-Year Seminar. In this class, students refine their awareness of the resources of language and of the stages in the writing process. The course aims to make students proficient in standard edited English and to prepare them further for the writing they will do in college and in their careers.

ENG 112 Introduction to Literary Genres

1–3 credits

Prerequisite: ENG 105 or ENG 230

A genre-based study of short stories, drama, and poetry; the course focuses on applying tools of literary analysis to the interpretation of specific works in order to increase insight and pleasure. A wide variety of works is read, representing a diversity of cultures, contexts, and perspectives. Course objectives also include developing critical reading, thinking, and writing skills, and exploring the values-laden nature of literature.

ENG 121 Introduction to Poetry

3 credits

Prerequisite: ENG 105 or ENG 230

A genre-based study of poetry that focuses on applying tools of literary analysis to the interpretation of specific poems in order to increase insight and pleasure. Close reading of poetry, with attention to formal elements, will provide the students with an introduction to major poets and styles. A wide variety of works is read, representing a diversity of cultures, contexts and perspectives. Course objectives also include developing critical reading, thinking and writing skills and exploring the values-laden nature of literature.

ENG 122 Introduction to Fiction

3 credits

Prerequisite: ENG 105 or ENG 230

A genre-based study of fiction; the course focuses on applying tools of literary analysis to the interpretation of specific works in order to increase insight and pleasure. A wide variety of works is read, representing a diversity of cultures, contexts, and perspectives. Course objectives also include developing critical reading, thinking, and writing skills, and exploring the values-laden nature of literature.

ENG 123 Introduction to Drama

3 credits

Prerequisite: ENG 105 or ENG 230

A genre-based drama course; the course focuses on applying tools of literary analysis to the interpretation of specific works in order to increase insight and pleasure. A wide variety of works is read, representing a diversity of cultures, contexts and perspectives. Course objectives also include developing critical reading, thinking and writing skills, and exploring the values-laden nature of literature.

ENG 125 Introduction to Film

3 credits

Prerequisite: ENG 105 or ENG 230

This course focuses on developing a greater awareness of and appreciation for film by analyzing its artistic properties, theories, cultural impact, and history while surveying different genres, directors, and movements.

ENG 201 British Literature I

3 credits

Prerequisite: ENG 105 or ENG 230

An examination of major early British writers, with a focus on the interplay of aesthetic, social, and cultural values; the development of literary forms and traditions; and historical contexts. Students will be introduced to major authors of cultural significance.

ENG 202 British Literature II

3 credits

Prerequisite: ENG 105 or ENG 230

A wide-ranging investigation and analysis of British Romanticism, Victorianism, and Modernism. Students will be introduced to major authors of cultural significance. As with ENG 201, the course focuses on the interrelationships of aesthetic and cultural values, literary prose and historical contexts.

ENG 204 Special Topics

1–3 credits

Prerequisite: ENG 105 or ENG 230

An in-depth exploration of a significant approach to literary criticism or the work of a major literary figure.

ENG 205 Introduction to Literary Studies and the English Professions

3 credits

Prerequisite: ENG 106

This course serves as a gateway, providing English majors, prospective English majors, and English minors with critical tools to heighten and enhance their experiences in subsequent courses in the major and their careers. The course introduces students to critical theory and to a wide variety of critical approaches to literature, enabling them to read and interpret literature with greater insight and discernment. Students also deepen their understanding of key literary periods

and movements and become more knowledgeable of developments in the evolution of significant literary genres and sub-genres. Students will also gain an appreciation for the relevance and practical applications of literary studies in personal and professional development.

ENG 210 Spring Play

1 credit

An opportunity for students to be substantially engaged with the spring play as actors, directors, stage managers, or other backstage leaders during 4-6 weeks of rehearsal for 1-2 performances. Depending on role, each student should be prepared to commit roughly 4-7 hours per week.

ENG 211 American Literature I

3 credits

Prerequisite: ENG 105 or ENG 230

A study of American literature from its beginning to the Civil War, tracing the development of American writing in its cultural contexts. In lectures and discussions, students are introduced to a broad range of critical methods for approaching major American authors.

ENG 212 American Literature II

3 credits

Prerequisite: ENG 105 or ENG 230

A continuation of ENG 211, tracing the evolution of American literature from the Civil War to early Postmodernism in the contexts of the social and intellectual forces that shaped it, including the impact of minority writers. In lectures and discussions, students consider critical approaches to the rise of realism, naturalism, modernism, and the beginnings of postmodernism in American letters.

ENG 216 Contemporary Women's Literature: Emerging Voices

3 credits

Prerequisite: ENG 105 or ENG 230

A topical study of literature written by women, dealing with contemporary issues and concerns. This course will focus on fiction and nonfiction texts as they are emerging in modern and contemporary times. Discussion will center upon language, form, and themes as they relate to women. The course remains open-ended, in that any specialized concerns of class members will be welcomed as texts are chosen.

ENG 217 Evolution of Women's Literature

3 credits

Prerequisite: ENG 105 or ENG 230

A survey of the evolution of women's literature. The course will focus upon literature of the Middle Ages and Renaissance, 17th and 18th centuries, 19th century and turn of the century, and Modernist and Contemporary eras written by female authors. This material will be integrated across genres and geographical contexts.

ENG 220 World Literature I

3 credits

Prerequisite: ENG 105 or ENG 230

A study of major writers of Europe, Africa, Asia, and the New World, with emphasis on writers of international stature and influence. The course offers students a broad perspective on literary history from classical times to the 17th century. A chronological survey of significant work leads to discussion of problems in the historical examination of literature: the definition of movements, the relationships between society and literature, and the evolution of literary genres.

ENG 221 World Literature II

3 credits

Prerequisite: ENG 105 or ENG 230

A study of major writers of Europe, Africa, Asia, Latin America, and the United States, with emphasis on writers of international stature and influence. The course offers students a broad perspective on literary history since the 17th century. A chronological survey of significant work leads to discussion of problems in the historical examination of literature: the definition of movements (such as neoclassicism, romanticism, realism), the relationships between society and literature, and the evolution of literary genres.

ENG 222 Business Communications

3 credits

An application of contemporary communication theory to practical business situations, and an application of traditional rhetoric and communication theory to oral presentations. Students study communication theory; practice basic forms of business writing; write, deliver, and evaluate public speeches; and explore communication systems in modern corporations.

ENG 225 Mythology

3 credits

Prerequisite: ENG 105 or ENG 230

A study of important myths and legends from a variety of times and places, with emphasis on writers and works that have influenced Western thought, arts, and culture. Using methods of formal and structural analysis, students will study works of literature, such as epics, plays, and poetry that employ mythological allusions and deal with universal symbols and themes.

ENG 230 Professional Composition and Research Writing

3 credits

(AGS students only)

A course designed to enhance students' composition and critical-thinking skills, by providing experiences with a range of writing strategies, with emphasis on expository and argumentative prose. Students develop an awareness of the resources of language and of the stages in the writing process. The course aims to help make students more competent in standard edited English and to prepare them for the writing they will do in college and in their careers. The course also

introduces students to the principles of college research, with emphasis on analytical reading of research material, focused use of sources, and the methodology of citation and documentation. It acquaints students with techniques of interviewing and conducting surveys, as well as with search strategies involving resources in print. The course provides guidance for students as they apply research principles to subjects within their disciplines or areas of interest.

ENG 250 Ethnic Minority Literature

3 credits

Prerequisite: ENG 105 or ENG 230

Students will analyze the work by ethnic minority writers in the United States. Doing so, they will examine the experiences of inequality, struggle, and triumph from diverse and often unheard voices.

ENG 301 Creative Writing

3 credits

Prerequisite: ENG 105 or ENG 230

An introduction to the techniques of writing poetry, fiction, and drama. The course is taught as a workshop, with repeated presentation and discussion of works in progress. (*repeatable for credit*).

ENG 302 Shakespeare

3 credits

Prerequisite: ENG 105 or ENG 230

A survey of Shakespeare's major plays. While the emphasis is on close study of the individual works, students also consider Shakespeare's artistic development and the plays' historical contexts.

ENG 304 Modern and Contemporary American Literature

3 credits

Prerequisite: ENG 105 or ENG 230

An intense exploration of a wide variety of literature of modern and contemporary America, focusing on acclaimed authors, stylistic trends, thematic patterns, and a diversity of voices. This examination of the rich American literary tradition is used to gain deeper insight into the role of literature as an expression of a society's values and/or as a challenge to the values of the status quo.

ENG 306 Bible as Literature

3 credits

Prerequisite: ENG 106

Introduction to applying literary analysis to The Bible by exploring the historical context, narrative devices, poetic structure, and symbolism of the scriptures.

ENG 310 African-American Literature

3 credits

Prerequisite: ENG 105 or ENG 230

A generally chronological survey of African-American literature from its inception to the present time. The course is designed

to include a diversity of themes, styles, authors and values. Students are challenged to examine their own attitudes and understanding regarding the relationship of African-American literature to American literature and culture as a whole.

ENG 312 Advanced Composition

3 credits

Prerequisite: ENG 105 or ENG 230

A study of professional expository prose focusing on all aspects of the writing process, various types of writing, the importance of context, and the central role of audience awareness. Students write extensively and work with examples from business, government, and academic writing to perfect their skills.

ENG 313 Advanced Study of Grammar

1 credit

A course that refines students' skills in all facets of grammar, punctuation, and mechanics necessary for personal and professional success. While the course presents the principles and structures underlying standard edited English, the focus is on students' application of those principles in their own writing.

ENG 314 Modern and Contemporary British Literature

3 credits

Prerequisite: ENG 105 or ENG 230

An intense exploration of a wide variety of literature of modern and contemporary Britain, focusing on acclaimed authors, stylistic trends, thematic patterns, and a diversity of voices. This examination of the rich British literary tradition is used to gain deeper insight into the role of literature as an expression of a society's values and/or as a challenge to the values of the status quo.

ENG 315 Literature and Film

3 credits

Prerequisite: ENG 106

Study of literature and its relationship to film. Students will analyze literature that has been adapted to film, using cinematic terminology and theories of adaptation. This course has variable topics depending on the instructor's educational background. Some offerings may focus on classic literature adapted to film while other offerings may focus on contemporary works.

ENG 320 Studies of the Novel

3 credits

Prerequisite: ENG 105 or ENG 230

A close reading of novels of various lengths that focuses on the understanding of, appreciation for, and enjoyment of the novel as a distinct literary genre with incorporation of secondary criticism and theory. While the specific works read vary from one semester to the next, students generally will explore and discuss significant works from the inception of the novel to the present.

ENG 321 Detective Literature

3 credits

Prerequisite: ENG 106

The course leads students in reading and discussing detective novels, short stories and plays representing different historical periods, nations and cultures. Since detective literature rewards a close reading and celebrates the powers of observation, it offers an excellent opportunity to critically examine literary elements encountered in all literature courses.

ENG 322 Russian Literature

3 credits

Prerequisite: ENG 106

An exploration of the literature of Russia, from early epics through the masterpieces of the 19th century to the works of the mid-20th century émigré population.

ENG 324 Modern and Contemporary World Literature

3 credits

Prerequisite: ENG 105 or ENG 230

An intense exploration of a wide variety of literature of the modern and contemporary world, focusing on acclaimed authors, stylistic trends, thematic patterns and a diversity of voices. This examination of the rich worldwide literary tradition is used to gain deeper insight into the role of literature as an expression of a society's values and/or as a challenge to the values of the status quo.

ENG 335 Postcolonial Literature

3 credits

Prerequisite: ENG 106

Study of major theories and texts of postcolonial literature to examine issues of colonialism, imperialism, and identity politics of gender, race, sexual orientation, and language.

ENG 360 Postmodern and Experimental Literature

3 credits

Prerequisite: ENG 106 or ENG 230

An exploration of contemporary literature that focuses on major authors and trends within postmodernism, and experimental writing. Key elements of postmodern writing, including play, meta-texts, genre-bending, and hybrid forms, will be foregrounded through readings as well as student assignments. Postmodernism will be discussed as a contested term, and an aesthetics that responds to previous movements and writers, as well as collapses cultural distinctions between high and low.

ENG 375 Advanced Study of Language, Grammar, and Rhetoric

3 credits

Prerequisite: ENG 106

Students become more aware of principles and issues in grammar, linguistics, and rhetoric, particularly as they unfold historically, and apply this enhanced awareness to the development of their own writing. The course examines

the stylistic elements of writing aimed at different discourse communities, including academic and business audiences, with emphasis on developing adaptability, expressiveness, and polish in students' own writing.

ENG 397 Internship

1–3 credits

Students earn academic credit for internship work experiences as they test career choices, improve work skills and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

ENG 402 Literary Criticism and Advanced Genre Studies

3 credits

Prerequisite: ENG 105 or ENG 230

Through the study of literary theories and schools of criticism, students deepen and consolidate their knowledge of literary genres, traditions, and terminology. Students reflect upon and refine their own prose by reading and discussing works in which influential writers examine aspects of the writing process. Research and analytical skills are also strengthened as students compose papers — shared in a seminar setting — in which they apply critical theories to specific works of literature.

ENG 404 Special Topics

1–3 credits

Prerequisite: ENG 105 or ENG 230

An in-depth exploration of a significant approach to literary criticism or the work of a major literary figure. Recent course offerings have included Literature of the Avant-Garde and Contemporary Literary Theory.

ENG 406 Seminar in Fiction Writing

3 credits

Prerequisite: ENG 105 or ENG 230

Students will investigate the techniques of composing short stories and other forms of fiction, research the stylistics of fiction, and present original works in a seminar setting.

ENG 408 Seminar in Poetry Writing

3 credits

Prerequisite: ENG 105 or ENG 230

Students will investigate the techniques of composing poems, research the stylistics of poetry, and present original works in a seminar setting.

ENG 412 Introduction to Language

3 credits

A survey of types of linguistic study, including phonology, morphology, semantics, and syntax. Students become more aware of the universal features of language, the history of the English language, social and political variations in language use, and theories and stages of child language acquisition. Applications are made to the students' vocational areas in papers that are shared in a seminar setting.

ENG 414 Independent Study

1–3 credits

Prerequisite: Permission

A course designed by the student with an instructor's guidance to allow students of superior ability to pursue a topic of interest not available through regular courses.

ENG 432 Rhetorical Theory and Application

3 credits

An introduction to major contemporary and historical rhetorical theory, with a focus on the application of those theories in contemporary communication situations. Theorists discussed range from the sophists, Plato, Aristotle, Cicero, Quintilian, and Augustine, to Richards, Booth, Kenneth Burke, Lukacs, Barthes, Derrida, and DeMan. Areas of discussion are extremely broad, including classical, practical, elocutionary, belletristic, psychological, epistemological, situational, Marxist, pragmatic, feminist, and deconstructionist criticism of discourses of public and private institutions, business, religion, contemporary mass culture, social movements, politics, discussions of war and technology, issues of class, the arts, and gender-related communication.

ENG 495 English Research Capstone

3 credits

Prerequisites: ENG 106, ENG 205

The English Capstone course will allow students to reflect on their past work in English and prepare for graduate study or the job market. The class will integrate literary criticism, primary theoretical texts, and a student-directed final paper or research project. In addition, students will compile a portfolio of selected pieces of their work as an English major to be submitted to the English department for assessment purposes. Course will run as a small seminar or independent study, depending on student and department needs.

ENG 497 Internship

1–3 credits

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

ESS EXERCISE AND SPORT SCIENCE

ESS 110 Sport Theory: Basketball

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 111 Sport Theory: Football

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 112 Sport Theory: Ice Hockey

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 113 Sport Theory: Soccer

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 114 Sport Theory: Volleyball

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 115 Sport Theory: Baseball

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 116 Sport Theory: Softball

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 117 Sport Theory: Tennis

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 118 Sport Theory: Golf

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 119 Sport Theory: Track and Field

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 120 Sport Theory: Officiating

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 121 Sport Theory: Weightlifting

1 credit

Theory and techniques, training schedules, strategy, coaching methods, and conditioning.

ESS 200 Introduction to Exercise and Sport Science

1 credit

Introduction to the fields and career opportunities in exercise science, kinesiology, health, and wellness.

ESS 205 Health, Safety, and First Aid

2 credits

A survey course designed to promote self-responsibility and a holistic approach to wellness and illness. Emphasis is placed on wellness planning and contemporary health issues. Course will also include instruction and practice in First Aid principles, procedures, and emergency care.

ESS 210 Principles of Coaching

2 credits

Practical and relevant information appropriate for beginning and experienced coaches at all age levels.

ESS 320 Current Issues in Sport

2 credits

This course will examine the administrative structure, organization, culture and presentation of sport as entertainment in America. Particular focus will be placed on the continental, global, social and economic expansion of professional-collegiate-international and community based programs and, the catalyst that contribute to the issues and controversies that are inherent in each of the above mentioned domains.

ESS 325 Sociology of Sport

3 credits

A sociological examination of the rise of sport in contemporary society. Topics such as the social organization of sports, women and sports, sports and violence, inter-scholastic sports and achievement behavior, discrimination and sports, and the future of sports are covered.

ESS 330 Prevention, Care and Treatment of Athletic Injuries

3 credits

Prerequisites: ESS 205

Cause, treatment, and prevention of injuries common to athletic activities; taping, bandaging; discussion of rehabilitation, conditioning, and variable factors of athletic performance levels.

ESS 340 Exercise Physiology

3 credits

Prerequisites: ESS 200, ESS 330

Focuses on the functional changes brought by acute and chronic exercise sessions. Topics include muscle structure and function, bioenergetics, cardiovascular and respiratory adaptations, exercise training for sport, sport nutrition, ergogenic aids, and other health and fitness topics.

ESS 345 Biomechanics

3 credits

Prerequisites: ESS 200, ESS 330

A study of the anatomical and mechanical bases of human movement and its application to skill analysis in exercise science.

ESS 350 Organization and Administration of Athletics

3 credits

Prerequisites: ESS 320

An analysis of the principles and patterns of organization and administration encountered in physical educations, intramurals, and interscholastic athletic programs. Mission and objectives, purchase and care of equipment, budgeting and fund raising, legal issues and safety, public relations, facility design and maintenance, leadership/supervision are among the topics discussed.

ESS 414 Independent Study

1-3 credits

A student-designed learning experience which is submitted in proposal form to an exercise and sport science faculty member in order to develop a mutually acceptable independent study plan. This faculty-guided experience allows students of superior ability to pursue a topic of interest not available through regular courses.

ESS 420 Principles of Strength Training and Conditioning

3 credits

Prerequisites: ESS 320

Theory and practice in development and administration of comprehensive strength and conditioning programs for both the athlete and individual of any level. Includes knowledge, safety concerns and skill techniques necessary for teaching and administering any strength and conditioning facility.

ESS 421 Exercise Prescription

3 credits

Prerequisites: ESS 200, ESS 340, ESS 345

Theory and practical aspects of exercise testing and prescription; topics include testing of strength, endurance, cardiovascular endurance, flexibility, body composition, muscle power, and balance with special considerations for arthritis, osteoporosis, dyslipidemia, immunology, and metabolic syndrome.

ESS 422 Strength Training Program Design

3 credits

Prerequisites: ESS 200

Program design as it applies to exercise and sport. The student will complete a comprehensive strength and conditioning manual.

ESS 423 Theories and Principles of Weight Management

3 credits

Prerequisites: ESS 200

Human nutrition as it specifically applies to exercise science. Specific needs for proteins, carbohydrates, fats, electrolytes and micronutrients.

ESS 430 Health and Wellness Leadership

3 credits

Prerequisites: ESS 200

This course provides instruction on the management aspects of fitness in health clubs and wellness settings. Topics will include staff training and supervision, scheduling, participant assessment, equipment selection, professional responsibilities, and program review.

ESS 431 Personal and Group Wellness

3 credits

Prerequisites: ESS 200

This course emphasizes methods in planning, designing, implementing, and improving health/wellness promotion programs. Client motivation, behavior change, and physical activity for special populations will be addressed.

ESS 432 Community Outreach and Health Promotion

3 credits

Prerequisites: ESS 200

Assess market opportunities in wellness services, programs, and facilities. Develop marketing and promotional strategies to increase the customer base, provide incentives for behavioral change and enhance revenues for wellness programs, services and facilities.

ESS 433 Psychological and Motivational Aspects of Sport

3 credits

Overview of psychological and motivational principles and their applications to individuals and groups in sport, exercise and/or therapy.

ESS 491 Coaching Practicum

1 credit

(Must be taken in the last semester before graduation.)

Practical and relevant information appropriate for beginning and experienced coaches at all age levels.

ESS 497 Exercise and Sport Science Internship

6 credits

(Must be taken in the last semester before graduation.)

Practical and didactic training in Exercise and Sport Science in an approved internship site, specific to the chosen concentration. Work will focus on chosen concentration. Internships must be preapproved by the program director.

FIN FINANCE**FIN 205 Personal Finance**

3 credits

Prerequisite: MAT 100 or MAT 111 or MAT 130 or MAT 122 or BUA 210 or SWK 210 or appropriate math placement test score
Provide the student with the information needed to make sound personal financial decisions and manage personal financial assets wisely. Subjects covered include financial

planning, budgeting, consumer purchasing decisions, income taxation, insurance and risk management, investing, and retirement and estate planning.

FIN 301 Fundamentals of Managerial Finance

3 credits

Prerequisites: ACC 201, ECO 201 or ECO 202

An introduction to the environment of financial management. It includes the analysis of financial statements for planning and control, corporate securities, working capital management, capital budgeting, and financing the short- and long-term requirements of the firm.

FIN 303 Money and Banking

3 credits

Prerequisites: ACC 201, ECO 201, ECO 202

In this course, students will study the structure of financial markets, financial institution management, regulation of financial markets and institutions, determination of interest rates, and the role of the Federal Reserve and monetary policy in the economy.

FIN 331 Principles of Insurance and Risk Management

3 credits

(Junior or Senior standing required)

This course will introduce the studies of Insurance and Risk Management. As to Risk Management, course participants will study risk identification, analysis, and management. Insurance will be studied from the perspective of a risk management tool and from the perspective of how insurers operate, what risks can be insured, and how the industry is regulated. Additionally, career opportunities in the insurance industry will be explored.

FIN 397 Internship

0 credits

Prerequisites: BUA 203, FIN 301, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit applying classroom learning to actual job experience. ("0" credit receives CR/NC grade.)

FIN 400 Investments

3 credits

Prerequisites: ACC 201, FIN 301

Construction and management of investment portfolios to meet the needs of personal and institutional investors; and selection of securities to balance income, risk, and capital growth.

FIN 401 Global Finance

3 credits

Prerequisite: FIN 301

This course emphasizes the increasing importance of the global

integration of money and capital markets. Topics include, among others, global foreign exchange risk management, global equity markets, global risk diversification, direct foreign investment, and political risk management.

FIN 403 Advanced Computer Applications for Business

3 credits

Prerequisites: TEC 102 or TEC 200 and BUA 210 or MAT 122 (Also TEC 403)

This course deals with computer applications in quantitative management decision making at an advanced level. Students will utilize a variety of research tools to locate, analyze and evaluate information. It will investigate the use and application of computer technologies within organizations such as management support systems, decision support systems, and executive information systems. Hands-on application of front-end software, such as Microsoft Office, will be used to conceptualize, analyze, and develop technological solutions to practical business situations.

FIN 404 Special Topics

3 credits

Prerequisites: FIN 301

A study of selected topics offered at the discretion of the instructor. Open to qualified juniors and seniors who wish to do advanced work. Permission of instructor is required.

FIN 414 Independent Study

1–3 credits

Prerequisite: Permission

The course is independently developed for a particular student on a topic not covered in other courses. Substantial readings and a paper are required.

FIN 497 Internship

1–3 credits

Prerequisites: BUA 203, FIN 301, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit applying classroom learning to actual job experience.

FLA FOREIGN LANGUAGE

FLA 110 Computer Applications in Foreign Languages

3 credits

Prerequisite: FRE 202 or GER 202 or SPA 202

An introduction to computer concepts and the specialized uses of computers in foreign language study and applications. Course emphasizes basic computer literacy and explores the range of software available to enhance foreign language acquisition, pedagogy, and research.

FLA 204 Special Topics

1–3 credits

Study of a genre, cultural topic, or specialized career application in foreign language.

FLE FOREIGN LANGUAGE EDUCATION**FLE 470 Foreign Language Curriculum and Methods (PK–12)**

3 credits

This course provides students with opportunities to develop and practice skills related to linking theories about second language acquisition and teaching to classroom practice. The theoretical foundations of foreign language skill development, planning, assessment strategies, and an analysis of teaching of culture are the basis for classroom activities. Current developments of school foreign-language program models, the use of technology to support language teaching and career exploration, are also highlighted.

FOS FORENSIC SCIENCE**FOS 105 Survey of Forensic Sciences**

1 credit

(Also CRJ 105)

Lecture/seminar course that has the goal of providing students a general introduction to the application of scientific knowledge to the purposes of the law. It will familiarize students with some of areas of science which are involved in the court process, particularly in criminal trials, and the role of the forensic criminalist in criminal procedure. Accordingly, this class will survey forensic criminalistics and prepare students for additional, more in-depth classes in criminalistics and forensic science.

FOS 300 Forensic Photography

3 credits

*Prerequisite: CRJ 105 or FOS 105**Corequisite: FOS 350*

Lecture studies of the general principals and concepts behind both basic and technical photography. The theoretical underpinnings of, techniques for, and applications of forensic photography will be examined. Topics include: the science behind photography, composition, exposure, focus, depth of field, flash techniques; and the challenges associated with crime scene, underwater, and aerial photography. Students will also learn how to properly document the various types of: crime scenes, evidence, bodies, wounds, and fingerprints. Additionally, they will learn how to prepare photographic reports and displays for court.

FOS 304 Rules of Evidence

3 credits

(Also CRJ 304)

Prerequisite: CRJ 101 or CRJ 102

This course is a study of the nature, types, and degrees of

evidence used in criminal prosecutions. The course emphasizes the vital importance of “why” and “how” evidence handled by the forensic criminalists for proper presentation and administration into the trial in accordance with historical rule governing the admissibility of evidence in court. This includes the citizen-to-criminalist, criminalist-to-criminalist, and criminalist-to-prosecution chain of evidence rules. A basic legalistic criminalistics component will be stressed, which will examine the various analytical systems used in the evaluation of physical evidence which includes the correct identification, collection, and preservation of evidence.

FOS 305 Crime Scene Investigation

3 credits

*Prerequisite: FOS 300**Corequisite: FOS 355*

Lecture studies of how biology, chemistry, mathematics, and physics concepts and methods are used to recognize, locate, document, and recover evidence at various types of crime scenes. Topics and techniques relating to scene security, documentation, search procedures, chain of custody, and the recognition, recovery, and preservation of different classes of evidence will be discussed. Class discussions will examine and demonstrate how each specialty may be utilized during the course of a crime scene investigation.

FOS 350 Forensic Photography Lab

1 credit

*Prerequisite: CRJ 105 or FOS 105**Corequisite: FOS 300*

Laboratory studies of the general principals and concepts behind both basic and technical photography. The theoretical underpinnings of, techniques for, and applications of forensic photography will be examined. Topics include: the science behind photography, composition, exposure, focus, depth of field, flash techniques; and the challenges associated with crime scene, underwater, and aerial photography. Students will also learn how to properly document the various types of: crime scenes, evidence, bodies, wounds, and fingerprints. Additionally, they will learn how to prepare photographic reports and displays for court.

FOS 355 Crime Scene Investigation Lab

1 credit

*Prerequisite: FOS 350**Corequisite: FOS 305*

Laboratory studies of how biology, chemistry, mathematics, and physics concepts and methods are used to recognize, locate, document, and recover evidence at various types of crime scenes. Topics and techniques relating to scene security, documentation, search procedures, chain of custody, and the recognition, recovery, and preservation of different classes of evidence will be discussed. Class discussion and laboratory exercises will examine and demonstrate how each specialty may be utilized during the course of a crime scene investigation.

FOS 405 Forensic Sciences

3 credits

*Prerequisite: FOS 305**Corequisite: FOS 455*

Lecture continuation of FOS 305: Crime Scene Investigation-Lecture. Advanced topics and examination/interpretation techniques from the various forensic sub-disciplines will be discussed. Class discussion and laboratory exercises will examine and demonstrate how each specialty may be utilized during the course of a criminal investigation.

FOS 406 Detection and Recovery of Remains

2 credits

Prerequisite: FOS 355

Intensive survey of the detection, documentation, and recovery techniques associated with remains in an outdoor environment. Topics include: anthropology, archaeology, entomology, pathology, taphonomy, and technical photography.

FOS 407 Bloodstain Pattern Analysis

2 credits

*Prerequisite: FOS 305**Corequisite: FOS 457*

Lecture studies of bloodstain pattern recognition, identification, documentation and analysis. Topics include: photographic/schematic documentation, analysis/interpretation techniques, terminology, report writing, court displays and testimony.

FOS 408 Fingerprint Analysis

2 credits

*Prerequisite: FOS 305**Corequisite: FOS 458*

Lecture studies of basic and advanced fingerprint recognition, recovery, and analysis techniques. Topics include: physical/chemical recovery methods, terminology, documentation, report writing, peer review, and court exhibitions/testimony.

FOS 409 Advanced Forensic Photography

2 credits

*Prerequisite: FOS 300**Corequisite: FOS 459*

Lecture continuation of FOS 300 Forensic Photography. The theoretical underpinnings of, techniques for, and applications of more advanced forensic photography will be examined. Topics include: crime scene, examination quality, low-light, flash, painting-with-light, bloodstain, shooting incident, and ultraviolet and infrared photography. Students will also learn how to further document the various types of: crime scenes, evidence, bodies, wounds, and fingerprints. Additionally, they will learn how to better prepare photographic reports and displays for court.

FOS 412 Forensic Science Literature and Seminar

2 credits

Prerequisite: FOS 305

A seminar based on the reading of current forensic science literature and the presentation of research seminars. Students will also learn about the forensic job application process, and how to submit a research proposal and create/present a seminar.

FOS 455 Forensic Sciences Lab

1 credit

*Prerequisite: FOS 355**Corequisite: FOS 405*

Laboratory continuation of FOS 355: Crime Scene Investigation-Lab. Advanced topics and examination/interpretation techniques from the various forensic sub-disciplines will be discussed. Class discussion and laboratory exercises will examine and demonstrate how each specialty may be utilized during the course of a criminal investigation.

FOS 457 Bloodstain Pattern Analysis Lab

1 credit

*Prerequisite: FOS 355**Corequisite: FOS 407*

Laboratory studies of bloodstain pattern recognition, identification, documentation, and analysis. Topics include: photographic/schematic documentation, analysis/interpretation techniques, terminology, report writing, court displays, and testimony.

FOS 458 Fingerprint Analysis Lab

1 credit

*Prerequisite: FOS 355**Corequisite: FOS 408*

Laboratory studies of basic and advanced fingerprint recognition, recovery, and analysis techniques. Topics include: physical/chemical recovery methods, terminology, documentation, report writing, peer review, and court exhibitions/testimony.

FOS 459 Advanced Forensic Photography Lab

1 credit

*Prerequisite: FOS 350**Corequisite: FOS 409*

Laboratory continuation of FOS 350 Forensic Photography Lab. The theoretical underpinnings of, techniques for, and applications of more advanced forensic photography will be examined. Topics include: crime scene, examination quality, low-light, flash, painting-with-light, bloodstain, shooting incident, and ultraviolet and infrared photography. Students will also learn how to further document the various types of: crime scenes, evidence, bodies, wounds, and fingerprints. Additionally, they will learn how to better prepare photographic reports and displays for court.

FOS 497 Internship

1–3 credits

Prerequisite: FOS 455

(Be advised that applications and background checks similar to those required by law enforcement officers are likely to be a pre-requisite for the internship and your future career.)

Practical work experience relevant to a career in forensic science is performed in a crime, private, and/or research laboratory, crime and/or death investigation unit, or other law enforcement agency approved by the student's major advisor.

FRE FRENCH**FRE 101 Elementary French I**

3 credits

An introduction to the fundamentals of comprehending, speaking, reading, and writing French. The course provides the cultural background of the Francophone world.

FRE 102 Elementary French II

3 credits

Prerequisite: FRE 101

A continuation of FRE 101. This course continues to develop the basic skills of comprehending, speaking, reading, and writing French by providing live and meaningful situations with the cultural background of the Francophone world.

FRE 201 Intermediate French I

3 credits

Prerequisite: FRE 102

A continued development of competence in the basic language skills through intensified usage of grammar with practice in conversational role-playing, using topics of general and current interest of the Francophone world.

FRE 202 Intermediate French II

3 credits

Prerequisite: FRE 201 or appropriate French placement test score

A continuation of FRE 201, this course concludes basic French grammar with special practice in reading, introducing short stories concerning topics of general and current interest of the Francophone world.

FRE 204 Special Topics

1–3 credits

Prerequisite: FRE 102 or appropriate French placement test score

Intermediate level study of a literary, cultural, or linguistic topic or career-related application.

FRE 210 French African Novel

3 credits

Literature in English translation from Francophone African countries is used to explore universal and country-specific themes of the human condition. Literature will be framed in a

context that explores historical influences, current implications, and future ramifications for the region and its place in our world. Novels include authors from Francophone sub-Saharan countries, as well as those of the Maghreb (Algeria, Morocco, and Tunisia). This course is taught in English.

FRE 320 French and Francophone Culture and Civilization

3 credits

Provides the student with an understanding of the increasing internationalization of all aspects of contemporary life and, therewith, discover the communicative impact of culture, of their "otherness," linked to their geography, demography, history, language, literature, science and the arts. This course is taught in English. *(This course may be applied toward the requirement of 12 credits of study of foreign language for the Bachelor of Arts degree.)*

FRE 390 French Immersion Practicum and Seminar

1–3 credits

Prerequisite: FRE 202

Four- to six-week immersion language experience in an approved program abroad. Course includes a preliminary seminar and final proficiency evaluation by staff of the foreign language department. Student will be required to attend all phases of the program, speak only target language during the immersion experience, and present a program to the Marian University community upon return.

FRE 397 Internship

1–3 credits

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

FRE 404 Special Topics

3 credits

Prerequisite: FRE 202

Advanced level study of a literary, cultural, or linguistic topic or career-related application.

FRE 414 Independent Study

1–3 credits

Prerequisite: 3.00 GPA and permission

This course is designed by the student with an instructor's guidance to allow students of superior ability to pursue a topic of interest not available through regular courses.

FRE 497 Internship

1–3 credits

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

GEN GENERAL EDUCATION

GEN 101 First-Year Seminar

3 credits

(Freshman standing only)

The course facilitates students' transition into the college environment through exploring an issue related to civic responsibility in a multi-cultural world from a variety of academic disciplines. Students are introduced to the liberal arts, critical thinking, critical reading, and academic research skills. Students learn how to identify their own learning needs and develop plans to meet those needs using campus resources.

GEN 102 First-Year Symposium

1 credit

Prerequisite: GEN 101

Students continue their exploration of an issue related to civic responsibility in a multi-cultural world by further developing the knowledge and skills learned in the First-Year Seminar. In this course, students apply previously learned knowledge and skills to a new situation by conducting research in small groups on a specific aspect of the topic, and then articulating and acting upon this knowledge. Students select from a number of different tracks focused on such things as analysis of social problems, service learning, artistic expression, and historical conflicts.

GEO GEOGRAPHY

GEO 201 World Regional Geography

3 credits

A cultural, political, economic, and physical survey of the realms and regions of the world. Special attention will be given to human spatial interaction in a global context.

HCA HEALTH CARE ADMINISTRATION

HCA 201 Introduction to Health Care Administration

3 credits

Students are introduced to the use of concepts, theory, and approach as they relate to professional practice in the health care system. Students are also exposed to experience with the health care system from a customer perspective. A broad overview of the levels of care, the care continuum and the regulations governing care delivery is provided. Issues of individual behaviors, health status indicators, and government responsibilities are also discussed. Key issues in health policy will be presented.

HCA 397 Health Care Administration Internship

0 credits

Prerequisites: BUA 203, HCA 201, Permission (Nine credits in the major completed)

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit from applying classroom learning to actual job experience. ("0" credit receives CR/NC grade.)

HCA 404 Special Topics

1–3 credits

A course in which selected topics in health care administration are presented. Topics offered are at the department's discretion and vary from offering to offering.

HCA 415 Health Care Information Systems

3 credits

Prerequisites: HCA 201, TEC 200

Examines the fundamentals and analysis of healthcare information and the subsequent development and use of healthcare information systems. Provides a broad overview of information technology as it applies to health care systems, as well as the various management challenges facing users of this technology. Focuses on understanding systems and how to work effectively with them.

HCA 421 Financial and Economic Aspects of Health Care

3 credits

Prerequisites: BUA 210 or MAT 122 or MAT 123, ECO 201, FIN 301, HCA 201

This course presents the fundamentals and analysis of health care financing. Basic functions of expenditures and sources of funding are emphasized. This course analyzes third party payment programs and reimbursement practices in the U.S. health care sector. Students will be able to understand and explain the major differences between private insurance and managed care systems, and how policy reform impacts the health care sector.

HCA 431 Health Care Management and Policy

3 credits

Prerequisites: HCA 201, MGT 213

(Senior standing)

Students discuss concepts, theory, and research as they relate to professional practice in the health care system. A broad overview of the levels of care, the care continuum and the regulations governing care delivery is provided. Issues of individual behaviors, health status indicators, and government responsibilities are also discussed. Key issues in health policy will be presented.

HCA 450 Seminar in Health Care Administration

1 credit

Prerequisites: HCA 421, HCA 431

Students will review and discuss issues and challenges confronting the administrative professional in a health care setting and mechanisms to deal with those issues.

HCA 497 Health Care Administration Internship

1–3 credits

Prerequisites: BUA 203, HCA 201, Permission (Nine credits in the major completed)

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit from applying classroom learning to actual job experience.

HIS HISTORY**HIS 101 World Civilizations I**

3 credits

A survey of world civilizations from human origins to the 16th century. Exploration of the cultural, political, and economic development of humankind in a global context.

HIS 102 World Civilizations II

3 credits

A survey of world civilizations from the 16th century to the present. Exploration of the cultural, political, and economic development of humankind in a global context.

HIS 111 History of the United States to 1877

3 credits

A survey course in which the cultural, political, and economic events that have shaped American history from the precontact period to 1877 will be explored. The course will pursue several key topics, including the evolution of race and gender relations, independence, the emergence of popular democracy, the era of the Civil War and Reconstruction, and the impact of industrialism and urbanization upon American life.

HIS 112 History of the United States from 1877

3 credits

A survey course in which the cultural, political, and economic events that have shaped American history from 1877 to the present will be explored. The course will pursue several key topics, including the continuing development of race and gender relations, the impact of industrialism, the world wars and the Cold War upon American life.

HIS 114 World History Since 1900

3 credits

(AGS students only)

A survey of important developments in political, social, economic, and cultural history from 1900 to the present day

with special emphasis on the increasing interconnectedness of societies throughout the world and the rise of a more global economy and culture.

HIS 204 Special Topics

1–3 credits

Topics of historical inquiry intended for students at an introductory level. Content varies from term to term.

HIS 205 History of Selected Minorities

3 credits

Prerequisite: HIS 101 or HIS 102 or HIS 114

An introductory historical survey of selected American minorities, including Native Americans, African-Americans, Asian Americans, Hispanic Americans, women, religious minorities, and other minority groups. The course focuses upon the consequences of the interplay of cultural, political, and economic processes relative to minority-majority relations and the American experience.

HIS 206 History of Terrorism

3 credits

Prerequisite: HIS 101 or HIS 102 or HIS 114

This course will examine the roots of terrorism in the 20th century, the current intellectual and governmental policies and theories regarding the nature and methods of terrorism, and the impact of terrorism in the past, present, and future.

HIS 207 History of Crime

3 credits

Prerequisite: HIS 101 or HIS 102 or HIS 114

An examination of changes over time in concepts of justice, injustice, crime, and deviance.

HIS 208 History of Disease

3 credits

Prerequisite: HIS 101 or HIS 102 or HIS 114

This course will examine the role that infectious diseases have played in human history, as well as the way in which people have reacted to these diseases.

HIS 209 History of Sex and Abstinence

3 credits

Prerequisite: HIS 101 or HIS 102 or HIS 114

A study of views of sex and abstinence from ancient times to the present. Special attention is given to the connections among sexual beliefs, sexual behaviors, and religious and cultural values.

HIS 211 American Military History

3 credits

Prerequisite: HIS 101 or HIS 102 or HIS 114

A study of the American military in war and peace and its relationship to American culture and society, including social, economic, technological, and political factors that influenced changes in the military and its activities from colonial times to the present.

HIS 214 History of Wisconsin

3 credits

Prerequisite or corequisite: HIS 111

A survey of the cultural, economic, political, and social history of Wisconsin from the days of exploration to the present. The class emphasizes independent research and discussion.

HIS 215 Social History

3 credits

Prerequisite: HIS 101 or HIS 102 or HIS 114

An exploration of historical topics concerning the interactions of individuals, society, and the world they construct.

HIS 216 History of Popular Culture

3 credits

Prerequisite: HIS 101 or HIS 102 or HIS 114

An exploration of historical topics concerning the development and uses of popular amusements.

HIS 217 Topics in American History

3 credits

Prerequisite: HIS 101 or HIS 102 or HIS 114

An exploration of specific topics in the history of the United States from colonial times to the present.

HIS 222 History Goes to the Movies

3 credits

Prerequisite: HIS 101 or HIS 102 or HIS 114

The exploration of a variety of selected historical topics and themes as characterized by the movies.

HIS 301 Church History to the Reformation

3 credits

Prerequisite: HIS 101

A study of the development of the church from apostolic times to the Reformation. Significant figures in the history of the church are studied with stress on the interaction of the church and the world.

HIS 302 Church History Since the Reformation

3 credits

Prerequisite: HIS 102

A study of church history from the Reformation to the present. The course focuses on the influence of the church on the world rather than on doctrinal matters.

HIS 303 History of England

3 credits

Prerequisite: HIS 102

A survey of English history from ancient times to the present. Special attention will be given to the social, political, and economic developments that have influenced the course of English history.

HIS 309 Public History

3 credits

*Prerequisites: HIS 111, HIS 112**Prerequisite or Corequisite: HIS 214*

The class explores the multiplicity of approaches historians use to conduct research, engage in historical preservation, present history to public audiences via historical societies, electronic media, and museums. The course is designed to familiarize the student with not only the historiography of public history, but also the theories and practice behind the presentation of history to public audiences. Pedagogical approaches include in-class study, presentations by public history practitioners, site visits, and through Service-Learning at an appropriate public history venue.

HIS 314 American Constitutional Development

3 credits

*Prerequisites: HIS 111, HIS 112**(For history, broad field social studies, or criminal justice majors only)*

A study of the background of the federal Constitution and a survey of its development to the present. Consideration is given to national economic regulations, capital-labor issues, and civil liberties.

HIS 342 Topics in Ancient History

3 credits

Prerequisite: HIS 101 or HIS 114

Provides the student with an opportunity to explore topics in ancient history from a Western or non-Western social, political, and economic framework.

HIS 395 History Capstone I

2 credits

Prerequisites: HIS 101, HIS 102, HIS 111, and HIS 112

Students will begin the design and research for a project related to their area of interest and career aspirations.

HIS 397 Internship

1–3 credits

Planned and supervised work experience in a public history venue such as a local historical society, library, museum or other similar organization. Supervised by a faculty mentor who evaluates fulfillment of the planned objectives. Internships are unpaid experiences.

HIS 404 Special Topics

1–3 credits

An opportunity to study specific topics in the various fields of history. These topics reflect the particular competencies and interests of the department faculty and consider the needs and requests of the students. Special studies of particular events or brief periods of history may be included.

HIS 405 History of the Modern Middle East

3 credits

Prerequisite: HIS 102

A survey of events in the Middle East from the rise of Islam to the current day.

HIS 408 History of American Foreign Policy

3 credits

(Also INS 408)

Prerequisites: HIS 102, HIS 112

A survey of major foreign policy issues and the conduct of diplomacy from the end of the 18th century to the present. Emphasis is placed on 20th century involvement of major powers in international conflicts.

HIS 410 19th Century Europe

3 credits

Prerequisite: HIS 102

A study of the European powers during the period 1815–1914. Concepts such as liberalism, nationalism, conservatism, democracy and socialism are critically examined. The course concludes with an examination of the origins of World War I.

HIS 414 Independent Study

3 credits

Prerequisite: Permission

Intensive independent study of a chosen subject. The student is expected to read a substantial number of major works in the field and to prepare a critical documented paper. A public presentation of the research before faculty and students is an integral part of the course. See also statement on independent study.

HIS 415 History of the Recent U.S.

3 credits

Prerequisites: HIS 111, HIS 112

A seminar dealing with the political, economic, intellectual and social trends of the United States since 1933. Topics for discussion include the New Deal, World War II, the Cold War, and the dramatic political, economic, foreign policy, social and cultural changes in American society during the last 40 years.

HIS 416 History and Culture of American Indians

3 credits

Prerequisites: HIS 111, HIS 112, SOC 100

A study of the history of American Indians from precontact times to the present. Special attention is given to issues surrounding the continuing effect of contact and discovery upon American Indians in a cultural, political and economic context.

HIS 422 20th Century Europe

3 credits

Prerequisite: HIS 102

A study of Europe commencing with World War I and extending to its current political and economic condition.

The rise of dictatorships, trials of democracy, World War II, colonialism, postwar economic revivals, social, and cultural transformation, and the course and conclusion of the Cold War are explored.

HIS 423 History of Latin America

3 credits

Prerequisites: HIS 101, HIS 102

A survey of economic, political, religious, and social change and continuity in Latin America from the pre-colonial period to the present day. Latin America is defined as including the Caribbean Islands, Mexico, Central America and South America.

HIS 425 The Civil War Era (1850–1877)

3 credits

Prerequisite: HIS 111

A study of the causes and course of the Civil War as well as its consequences for subsequent American history. The course will focus upon the key issues of slavery and race relations, the effect of industrialization upon sectional tensions, southern particularism, and the social and political life of the era.

HIS 426 History of Africa

3 credits

Prerequisites: HIS 101, HIS 102

A topical survey of the history of African peoples from human origins to the present. Subjects include regional historical developments, African social and political patterns, the impact of external contacts, imperialism and colonialism, nationalism and independence, and current issues in Africa.

HIS 431 History of Monsoon Asia

3 credits

Prerequisites: HIS 101, HIS 102

A survey of civilizations in monsoon Asia from prehistory to the present. Emphasis is placed on cultural, political, and social development of China, Japan and India, with some attention to Korea, Central Asia, and Southeast Asia.

HIS 432 History of Canada

3 credits

Prerequisite: HIS 102

A survey designed to provide an overview of Canadian history from precontact times to the present. The course explores the three broad currents of Canadian history: the Aboriginal experience, the French experience, and the British or Anglo-Canadian experience. Special attention will be given to the interaction of these three currents after 1760 in a political, cultural, and economic context.

HIS 436 Controversies in American History

3 credits

Prerequisite: HIS 111 or HIS 112

A study of various controversies within American history from colonial times to the present. These will include major historiographical controversies.

HIS 438 Controversies in World History

3 credits

Prerequisite: HIS 111 or HIS 112

A study of various controversies within world history from ancient times to the present. These will include major historiographical controversies.

HIS 440 Controversies in European History

3 credits

Prerequisite: HIS 111 or HIS 112

A study of various controversies within European history from ancient times to the present. These will include major historiographical controversies.

HIS 441 Topics in Women's History

3 credits

Provides the student with an opportunity to explore the history of women in the context of a particular historical period or issue. Western and non-Western topics may be addressed in a social, political, and economic framework.

HIS 450 Seminar in European History

3 credits

Prerequisite: HIS 111 or HIS 112

An opportunity to study specific topics in the various fields of European history in a seminar type format. The topic(s) is drawn from the interests of the department faculty and students.

HIS 490 Seminar in American History

3 credits

Prerequisite: HIS 111 or HIS 112

An opportunity to study specific topics in the various fields of American history in a seminar type format. Topics are drawn from the interests of the department faculty and students.

HIS 492 Seminar in World History

3 credits

Prerequisite: HIS 101 or HIS 102

An opportunity to study specific topics in the various fields of world history in a seminar type format. Topics are drawn from the interests of the department faculty and students.

HIS 495 History Capstone II

2 credits

Prerequisite: HIS 395

Students will complete the project begun in HIS 395.

HIS 497 History Internship

1–3 credits

Planned and supervised work experience in a public history venue such as a local historical society, library, museum or other similar organization. Supervised by a faculty mentor who evaluates fulfillment of the planned objectives. Internships are unpaid experiences.

HOS HOMELAND SECURITY**HOS 204 Special Topics**

1–3 credits

Selected topics relating to the field of homeland security are presented. The topics reflect the particular competencies and interests of program faculty taking into consideration the needs and requests of the students.

HOS 310 Criminology

3 credits

(Also CRJ 310)

Prerequisite: CRJ 101

An overview of theories of crime. The following theories will be explored: classical, spiritual, and natural explanations; biological factors, psychological factors; control theories; deterrence theories; conflict theory; gender and crime; age and crime; and integrative theories.

HOS 312 Crisis Intervention and Management

3 credits

(Also CRJ 312)

Prerequisite: CRJ 101

Students will learn the role of crisis intervention and its management strategies necessary for their criminal justice career. Professional communication will be integrated and reinforced throughout the course. Students will be expected to apply these professional communication skills appropriately in (all) simulations. Students will also learn intervention principles, guidelines and techniques for criminal justice, public safety and health providers- about persons with possible mental disorders, alcohol or drug problems, dementia disorders, and/or developmental disabilities. Strategies of crisis intervention will be discussed in their own right and within the contexts of: suicide and personal loss/bereavement as well as other crises of lethality; posttraumatic stress disorder, hostage situations and the catastrophic events that are related, and sexual assault and domestic violence (including both adult and child victims and the perpetrators of these crimes) as well as the current issue of school-based violence.

HOS 342 Research Methods

3 credits

Prerequisite: CRJ 214

This course presents the basic principles and methods of social science research. Students are introduced to techniques for critical analysis of the professional practice literature and how, as consumers, they can incorporate research findings in practice. Students also acquire knowledge and skills for applying research in their practice. Similarities between the research and problem-solving processes are identified, beginning with conceptualization of the research question, followed by determination of the appropriate design and methodology, and concluding with qualitative and quantitative

data analysis and presentation of findings. Professional values and ethics, as well as sensitivity to human diversity, are subsumed within the conduct of research.

HOS 350 Principles of Professional Practice

3 credits

(Also CRJ 350)

Prerequisite: CRJ 101 or CRJ 102

This course is a seminar in the major concepts of professionalism in criminal justice administration, and further, an introduction to the knowledge and skills necessary for one to practically apply the theory and principles of professionalism and professional conduct in the environment of criminal justice practice.

HOS 394 Homeland Security Field Experience

1–3 credits

Prerequisite: Permission

An upper-level practicum for students majoring in Homeland Security whose academic performance is judged adequate for placement. Practical work experience in a variety of homeland security-related agencies and organizations.

HOS 404 Special Topics

1–3 credits

Selected topics relating to the field of Homeland Security are presented. Topics reflect the particular competencies and interests of program faculty taking into consideration the needs and requests of the students.

HOS 405 Critical Perspectives of Disasters

3 credits

Prerequisite: SOC 100

This course examines assumptions people make about catastrophes by way in-depth analysis of the way social and cultural processes which shape the experience and understanding of catastrophe, whether natural, accidental, or intentional. Students will learn how disasters emerge from the convergence of hazard, risk, and the social construction of vulnerability. This course offers students an overview of a variety of natural and man-made disasters and how society prepared for, responded to, and recovered from specific events from multiple perspectives. In doing so, students will access case studies “scientific storytelling,” as well as research and their affects on “disaster theory.” Students will gather an increased appreciation of the complexities associated with planning for and responding to natural and man-made disasters.

HOS 407 Critical Perspectives of Terrorism

3 credits

Prerequisite: SOC 100

This course will examine terrorism as a weapon of power, a forensic issue, and a social phenomenon. Types of terror, types of groups and governments involved in terror, and the people who become terrorists and their victims will be examined. Theories of political policy, group dynamics, and

individual predilections will be evaluated so that terrorism can be understood to be combated. The course is designed to give students an overview of terrorism and its impact on American society. It will prepare students to understand the contemporary problems associated with terrorism and to anticipate problems society will face in the 21st century.

HOS 420 Race, Gender, and Ethnicity

3 credits

(Also CRJ 420)

Prerequisite: CRJ 101

The focus of this course is to study the nature and extent of racial, cultural, and gender issues as they pertain to criminal justice issues in America. Furthermore, the class will attempt to distinguish the variability in past and existing criminal justice practices at each stage of the criminal justice system for minority groups.

HOS 494 Homeland Security Field Experience

1–3 credits

Prerequisite: Permission

An upper-level practicum for students majoring in homeland security whose academic performance is judged adequate for placement. Practical work experience in a variety of homeland security-related agencies and organizations.

HSL HOMELAND SECURITY LEADERSHIP

HSL 201 Introduction to Homeland Security

3 credits

The purpose of this course is to provide a primer on homeland security for emergency managers and related disciplines. Content first includes an overview of homeland security basic management concepts, replete with readings, discussions, and problems related to achieving homeland security.

HSL 204 Special Topics

1–3 credits

Selected topics relating to the field of homeland security are presented. The topics reflect the particular competencies and interests of program faculty taking into consideration the needs and requests of the students.

HSL 212 Homeland Security Resource Management

3 credits

Prerequisite: HSL 201

This course provides an analysis of the processes important to the human and financial resource acquisition and management in homeland security agencies. The course will examine (1) recruitment, selection, utilization and development of human resources, with emphasis on employee-management relations and relevant behavioral research; (2) the basic principles of public agency budgeting, including the knowledge and skills necessary to prepare, present and manage a public agency budget; and (c) the issues involved in the researching and writing of effective grant proposals.

HSL 305 Leadership and Organizational Management

3 credits

Prerequisite: HSL 201 or HSL 313

This course introduces students to leadership and management principles and practices, with a focus on homeland security agency administration examining the management of public safety agencies, as well as leadership theory. We will also examine the “people” side of government organizations and leadership in emergency operations.

HSL 313 Emergency Planning

3 credits

This course provides a general introduction to the methods, procedures, protocols, and strategies of emergency planning, with emphasis on situations in industrialized countries and the local level of organization (i.e. cities, municipalities, metropolitan areas, and small regions), though with ample reference to national and international levels. Rather than concentrating on the practices of any one country or state, the course focuses on general principles.

HSL 350 Administrative Law

3 credits

Prerequisite: HSL 201 or HSL 313

This is a basic course in employment and labor law in the public sector, using the federal public sector as a model. It covers the key subjects one needs to function effectively in the public sector workplace. This course examines the form, organization, and function of administrative agencies in the context of a democratic constitutional system. The course looks at agency rulemaking, enforcement, and adjudication, and examines as well the legislative, executive, and judicial control of those functions.

HSL 495 Capstone Project in Homeland Security

3 credits

(Senior status or Homeland Security Leadership Certificate completion or permission.)

This course is the final in a six-course comprehensive certificate in leadership for homeland security. The capstone project will be an individual research, design, and implementation project chosen by each student. Projects would be approved by the faculty member leading the capstone course. The expectation is that this would be a significant project acting as a capstone for their homeland security leadership education. Depending on the student’s interest there may be more of a research and writing aspect to the work or possibly more design and implementation of software. The projects would be structured with various deliverables during the semester and culminating with a colloquium at the end of the semester. The particular content of each presentation would be agreed upon in advance by each student (or sub-group) and the professor. The professor will arrange for each of the students taking the senior seminar to give presentations preferably at the end the term to the cohort, seminar groups, and any other interested faculty and students.

IDS INTERDISCIPLINARY STUDIES**IDS 201 Aesthetics, Values, and Culture I**

3 credits

(AGS students only)

A multi-disciplinary arts and humanities course that focuses on the interaction of art, literature, and music with philosophical and theological perspectives and subsequent cultural developments. The course emphasizes various relationships of tradition and innovation among global cultures, encouraging students to simultaneously identify with and critically evaluate various cultures. Above all, students are encouraged to identify, analyze, and synthesize the diverse aesthetic, intellectual, and spiritual insights of human history, and how those insights have impacted human lives, including those in the contemporary world. The general focus cultures are Mesopotamia, Egyptian, Greek, Roman, Judaeo-Christian, Byzantine, European, and African. Students can earn credit in art, music, English-language literature, theology, and philosophy by focusing their coursework on the specific discipline.

IDS 202 Aesthetics, Values, and Culture II

3 credits

(AGS students only)

A multi-disciplinary arts and humanities course that focuses on the interaction of art, literature, and music with philosophical and theological perspectives and subsequent cultural developments. The course emphasizes various relationships of tradition and innovation among global cultures, encouraging students to simultaneously identify with and critically evaluate various cultures. Above all, students are encouraged to identify, analyze, and synthesize the diverse aesthetic, intellectual, and spiritual insights of human history, and how those insights have impacted human lives, including those in the contemporary world. The general focus cultures of the course are Renaissance/Reformation/Counter-Reformation, Enlightenment, Industrial Age, Modern, and Post-Modern/Global. Students can earn credit in art, music, English-language literature, theology, and philosophy by focusing their coursework on the specific discipline.

IDS 400 Senior Seminar in Interdisciplinary Studies

3 credits

*Prerequisite: Permission**(AGS students only)*

A capstone course that provides for reflective analysis on the integration of learning into professional and personal life. Topics may include social trends, values, ethics, and lifelong learning, as these elements relate to a diversity of career fields. Personal spirituality and lifestyle issues will also be discussed. A substantial project demonstrating excellence in the integration of knowledge, such as a research paper, portfolio, or learning project, will be required.

INS INTERNATIONAL STUDIES

INS 101 Fundamentals of International Relations

3 credits

(Also POS 101)

Using a topical, historical, and issue-oriented approach, this course introduces students to the basic factors of international affairs including diplomacy and international public policy issues such as health, education, business, and trade. Emphasis is placed on analysis of major issues of current or recent historical interest. A combination of lecture, discussion, and group projects is employed.

INS 102 Contemporary Issues in American Foreign Policy

3 credits

Examination of contemporary issues in United States foreign relations. Links to the national great decisions forum. This course may be taken more than once.

INS 408 History of American Foreign Policy

3 credits

(Also HIS 408)

Prerequisite: HIS 102, HIS 112

A survey of major foreign policy issues and the conduct of diplomacy from the end of the 18th century to the present. Emphasis is placed on 20th century involvement of major powers in international conflicts.

JPN JAPANESE

JPN 101 Elementary Japanese I

3 credits

An introduction to Japanese characters, vocabulary, grammar, sound system, and culture to develop elementary communicative proficiency in listening, speaking, reading and writing, while gaining a familiarity with and basic understanding of the Japanese culture.

JPN 102 Elementary Japanese II

3 credits

Prerequisite: JPN 101

Continuation of basic skill development offered in Elementary Japanese I to enhance communicative proficiency in listening, speaking, reading and writing in Japanese characters and to deepen understanding of the Japanese culture.

LDR LEADERSHIP

LDR 200 Introduction to Leading and Leadership

3 credits

Introduction to leadership theory and the development of transformative, servant-leadership and the social change model; the principles and practices of positive interpersonal

relationships for leadership development are also explored. Emphasis is placed on application and practice of leadership.

LDR 204 Special Topics

1–3 credits

An exploration and analysis of special areas, issues, or problems in leadership, chosen because of their special relevance or interests and not specifically examined in other courses.

LDR 225 Theology of Leadership

3 credits

(Also THE 225)

Prerequisite: THE 101

Through a variety of resources students use theological reflection to explore their personal spirituality, sense of vocation, and approaches to leadership within the context of their own and other belief systems. Models of leadership are drawn from areas of moral theology and transformational servant leadership.

LDR 300 Spirituality Integration Seminar

1 credit

An introduction to various theories, practices and methods that enable the leader to touch his/her center of consciousness, spirit, or soul. The course will include, but not be limited to, such spiritual practices as meditation, contemplation, reflection, and journaling from various traditions, such as Christianity, Taoism, Himalayan yoga, Buddhism, Judaism, Islam, and Humanism.

LDR 350 Leadership Integration Seminar

1 credit

Prerequisite: THE/LDR 225

(Leadership minors only)

This seminar course integrates the student's major course of study with their study of leadership. Content and methods focus on how the student's major and personal vision and goals relate to the students' vocation and model of leadership.

LDR 400 Values Development in Leadership

3 credits

As an introduction to reflecting upon personal strategies and organizational models for values integration in leadership, the value development theory will be presented and the valuing process will be explored in both its theoretical and practical aspects. The personal and professional values and leadership characteristics of students in this class will be identified and analyzed.

LDR 404 Special Topics

1–3 credits

An exploration and analysis of special areas, issues, or problems in the study of leadership, chosen because of their special relevance or interests, and are not specifically examined in other courses.

LDR 450 Leadership Capstone Seminar

1 credit

Prerequisites: THE 225 or LDR 225; LDR 300, LDR 350 (Leadership minors only)

This seminar course is the summative integration in the study of leadership with students' general course of study. Students demonstrate their understanding of the connections between the study of leadership, their vocational goals, their spiritual practices and their course of study.

LDR 497 Internship

1–3 credits

An exploration, application and analysis of special areas, issues, or problems in the study of leadership, chosen because of their special relevance or interests, and are not specifically examined in other courses.

MAT MATHEMATICS**MAT 001 Basic Algebra**

3 credits

A course covering fundamental operations of arithmetic, algebraic expressions, solving and graphing linear equations and inequalities, exponents, polynomials, and operations with rational expressions. A knowledge of the material contained in this course is assumed by students taking MAT 111 and MAT 122. *(A grade of C or higher is necessary to take any additional course in mathematics. This course is a pre-college level course and does not fulfill degree requirements.)*

MAT 002 Essential College Mathematics

3 credits

A course covering the fundamental mathematical and computational skills that students need in order to be successful in a non-algebraic course. A knowledge of the material contained in this course is assumed by students taking MAT 100, MAT 130 and MAT 150. *(A grade of "C" or better is necessary to take any additional course in mathematics. This course is a pre-college level course and does not fulfill degree requirements.)*

MAT 100 Mathematics Survey

3 credits

Prerequisite: Appropriate math placement test score or a grade of C or higher in MAT 001 or MAT 002.

Students will investigate sets, logic, and problem solving.

MAT 105 Mathematical Applications

3 credits

Topics cover ratios and proportions, personal finance, and descriptive statistics.

MAT 111 Introduction to College Algebra

4 credits

Prerequisite: Appropriate math placement test score or MAT 001 with grade of C or higher

An introduction to algebraic topics to include properties of the real number system, polynomial and rational functions, elementary geometry, powers and roots, systems of equations, inequalities, and elementary matrix algebra.

MAT 112 Pre-Calculus Mathematics

5 credits

Prerequisite: Appropriate math placement test score or MAT 111 with a grade of C or higher

A study of topics that include: set theory, relations, functions, analytic geometry, synthetic division, logarithmic and exponential functions, trigonometric functions, and graphing techniques. *(NOTE: MAT 114 may not be taken for credit, upon completion of MAT 112.)*

MAT 114 Algebra and Trigonometry

4 credits

Prerequisite: Appropriate math placement test score or MAT 111 with a grade of C or higher

A review of fundamental concepts of algebra, including systems of equations, polynomial, rational, logarithmic and exponential functions. An introduction to trigonometry, including triangle and unit circle approaches. Emphasis will be on applications of algebra and trigonometry. *(NOTE: MAT 112 may not be taken for credit, upon completion of MAT 114.)*

MAT 122 Introduction to Probability and Statistics

4 credits

Prerequisite: Appropriate math placement test score or MAT 001 with grade of C or higher

A study of topics that include descriptive statistics and data analysis; elementary probability; binomial, hyper geometric and normal probability models; the central limit theorem; confidence intervals; elementary hypothesis testing; linear regression; and correlation. A major goal of this course is the application of these topics to problems arising from the natural sciences, the social sciences, the health industry, and the business environment. *(This course does not fulfill the statistics requirement of mathematics majors and minors.)*

MAT 123 Introductory Statistics and Probability

3 credits

(AGS students only)

A study of topics that include descriptive statistics and data analysis; elementary probability; binomial, hyper geometric and normal probability models; the central limit theorem; confidence intervals; elementary hypothesis testing; linear regression; and correlation. A major goal of this course is the application of these topics to problems arising from the natural sciences, the social sciences, the health industry, and the business environment.

MAT 130 Mathematical Applications for Business

3 credits

Prerequisite: MAT 001 or MAT 002 with grade of C or higher or an appropriate math placement test score

A course designed to acquaint the business student with

mathematical techniques used in business and common business applications of those techniques.

MAT 150 Mathematics for Elementary School Teachers I

3 credits

Prerequisite: Appropriate math placement test score or grade of C or higher in MAT 001 or MAT 002

(This is a required course for elementary education majors.)

A course designed to examine and develop the conceptual foundation upon which elementary mathematics is built. Quantitative thinking skills are developed through applications and problem solving situations. Topics include problem-solving, sets, functions, logic, numeration systems, number theory, and basic arithmetic operations.

MAT 151 Mathematics for Elementary School Teachers II

3 credits

Prerequisite: MAT 150 with a grade of C or higher

(This is a required course for elementary education majors.)

A course designed to examine and develop the conceptual foundation upon which elementary mathematics is built. Quantitative thinking skills are developed through applications and problem-solving situations. Topics include probability, statistics, and geometry.

MAT 201 Calculus I

5 credits

Prerequisite: Appropriate math placement test score or MAT 112 with a grade of C or higher

A first course in the calculus treating functions of one variable. Topics include limits, continuity, derivatives, and integrals of polynomial and rational functions. A major emphasis of this course is the application of these concepts to problems arising out of industry, economics, business, and the sciences.

MAT 202 Calculus II

5 credits

Prerequisite: Appropriate math placement test score or MAT 201 with a grade of C or higher

A continuation of MAT 201. Topics include the study of transcendental functions, techniques of integration, analytic geometry, polar coordinates, parametric equations, sequences, and series.

MAT 204 Special Topics

1–4 credits

A course allowing for instruction in areas not included in the regular math curriculum. Topics vary according to the expertise and interests of individual instructors.

MAT 212 Introduction to Abstract Mathematics

3 credits

Prerequisite: Appropriate math placement test score or MAT 201 with a grade of C or higher

A survey course designed to acquaint the prospective mathematics student with topics and techniques common

to the study of advanced mathematics such as algebra, analysis, geometry, and statistics. Major topics of the course include symbolic logic, methods of proof, set theory, relations, functions, and structure in mathematics. Examples will be drawn from various branches of mathematics to illustrate the topics presented.

MAT 301 Calculus III

4 credits

Prerequisite: MAT 202 with a grade of C or higher

A continuation of MAT 201/202. Topics include vectors in Cartesian two- and three-dimensional spaces, functions of several variables, partial differentiation, multiple integration, and elementary differential equations.

MAT 302 Complex Variable Calculus

3 credits

Prerequisite: MAT 301 with a grade of C or higher

Theory of functions of one complex variable, derivatives, elementary functions, conformal mappings with applications to boundary value problems, integrals, power series, residue theory, and its applications to various topics.

MAT 304 Introduction to Mathematical Statistics I

3 credits

Prerequisite: Appropriate math placement test score or MAT 201 with a grade of C or higher

A study of elementary probability theory, discrete and continuous random variables, the Central Limit Theorem, sampling theory, estimation, confidence intervals, and hypothesis testing.

MAT 305 Introduction to Mathematical Statistics II

3 credits

Prerequisite: MAT 202, MAT 304 with a grade of C or higher

A continuation of MAT 304. Topics will include one- and two-factor analysis of variance, linear, nonlinear and multiple regression, and correlation. Included in this discussion are analysis of residuals, selection of explanatory variables and some corresponding nonparametric tests. Extensive use of computer statistical packages will be used to reinforce the course topics and objectives.

MAT 314 Modern Geometry

4 credits

Prerequisite: MAT 212 with a grade of C or higher

An introduction to modern axiomatic Euclidean and non-Euclidean geometries. Other topics of study may include advanced Euclidean synthetic and coordinate geometry and geometric transformations.

MAT 324 Theory of Numbers

3 credits

Prerequisite: MAT 212 with a grade of C or higher

A development of such topics as the prime numbers, divisibility, the Euclidean algorithm, diophantine equations,

congruence, number theoretic functions, and quadratic reciprocity.

MAT 334 Linear Algebra

3 credits

Prerequisite: MAT 212 with a grade of C or higher

A study of vector spaces, determinants, linear transformations, matrices, linear independence and bases, systems of linear equations, and elementary linear programming techniques. The course emphasizes the application of these topics to problems selected from business, industry, and the sciences.

MAT 344 Abstract Algebra

3 credits

Prerequisite: MAT 212 with a grade of C or higher

A study of set theory, mappings and algebraic structures to include groups, rings, integral domains, fields, homomorphisms and isomorphisms, theorems of Cayley and Lagrange, and characteristic properties of the rational, real, and complex fields.

MAT 354 Differential Equations

3 credits

Prerequisite: MAT 301 with a grade of C or higher

A course covering ordinary differential equations of the first and second order. Topics will include existence and uniqueness theorems, initial value problems, series methods, and systems of equations. A major focus of the course is the application of these concepts to problems arising from physics, engineering, chemistry, biology, physiology and economics. Additional topics may include boundary value problems, nonlinear systems, and related applications.

MAT 364 Numerical Analysis

3 credits

Prerequisite: MAT 202 with a grade of C or higher, TEC 212

A survey course in numerical mathematics with topics selected from numerical techniques of solving equations, interpolation and polynomial approximation, numerical differentiation and integration, and numerical solutions to systems of linear equations. Extensive use of the computer (including student-generated programs) will be used to reinforce the course topics and objectives.

MAT 374 Combinatorics

3 credits

Prerequisite: MAT 202 and MAT 212 with a grade of C or higher

An introduction to Combinatorics that includes set theory, mathematical induction, integers, functions and relations, counting methods, recurrence relations, generating functions, permutations, combinations principles of inclusion and exclusion, and graphs (including planar graphs). Additional topics may include graph coloring, trees and cut-sets, combinatorial designs and Boolean algebra.

MAT 384 Graph Theory

3 credits

Prerequisite: MAT 334 with a grade of C or higher

Study of the structure and properties of graphs, together with a variety of applications. Topics include paths, cycles, trees, connectivity, matchings, colorings, planarity, directed graphs, and algorithms.

MAT 397 Internship

1–3 credits

Prerequisite: Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. (*This course will not count toward the mathematics major/minor.*)

MAT 401 Theory of Real Variables I

3 credits

Prerequisite: MAT 212 and MAT 301 with a grade of C or higher

A study of the structure of real and complex number systems, metric spaces, limits, continuity, and differentiation.

MAT 402 Theory of Real Variables II

3 credits

Prerequisite: MAT 401 with a grade of C or higher

A continuation of MAT 401. The course topics include Riemann integration, series of numbers and functions, and series expansion.

MAT 404 Special Topics

1–4 credits

(*Mathematics majors only*)

Prerequisite: Permission

A course providing the opportunity to study topics in mathematics not covered in other courses. Possible topics include complex analysis, history of mathematics, logic, numerical analysis, geometry and probability theory. This course may be repeated for different topics. Note: a maximum of 6 credits from courses MAT 404 and/or MAT 414 may apply toward a mathematics degree.

MAT 410 Topology

3 credits

Prerequisite: MAT 212 and MAT 301 with a grade of C or higher

An introduction to the fundamental concepts of point set topology. Topics are chosen from: general topological spaces, functions and continuity, open and closed sets, neighborhoods, homeomorphism, properties of topological spaces, subspaces, products, and quotients. Emphasis will be placed on proofs and examples, with particular attention given to metric spaces.

MAT 412 Introduction to Operations Research

3 credits

Prerequisite: MAT 334, MAT 304, MAT 301 with a grade of C or higher

Course topics will include linear and nonlinear programming, dynamic programming, and network analysis (including PERT/

CPM). Additional course topics will be selected from integer programming, queuing theory, Markov processes, decision analysis, statistics, and simulation, based on student and instructor interest.

MAT 414 Independent Study

1–3 credits

Prerequisite: Permission

This course provides the student with an opportunity to do an in-depth independent study of a topic or problem in mathematics. This course may be repeated for different topics. Note: a maximum of six credits from courses MAT 404 and/or MAT 414 may apply toward a mathematics degree.

MAT 497 Internship

1–3 credits

Prerequisite: Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. (*This course will not count toward the Mathematics major/minor.*)

MGT MANAGEMENT

MGT 213 Principles of Management

3 credits

Prerequisite: ENG 105 or ENG 230

A systematic analysis of the management process involving an integration of classical, behavioral, and modern contemporary philosophies. The importance of relating the theoretical principles of planning, organizing, leading, and controlling to practical experience is featured.

MGT 301 Operations Management

3 credits

Prerequisite: MGT 213

This course aims squarely at the customer-serving objectives of effective operations in creating a world-class service or manufacturing concern. Effective domestic and international operations management (OM) requires continually improving the operating process and resources of the organization, especially its people. OM requires harnessing the talents of front-line employees, technicians, experts, and upper-level managers while blending the interests of customers, employees and other stakeholders in the face of work force diversity, changing technologies and a global economy. The course also highlights the interdependencies between operations and other functional areas as marketing, finance/accounting, product/service design, human resources, and information systems.

MGT 304 International Organizational Behavior

3 credits

Prerequisite: MGT 213 or PSY 101 or SOC 100

An overview of employee involvement, leadership skills, and

other management and organization behavior principles affecting human resources and relations – individual, group, and organizational. Topics include: motivation, communication, rewards, leadership, conflict, decision making, organizational structure, performance evaluation, and organizational change. The “human side of enterprise” will be examined in a cross-cultural context whether applied in domestic, offshore, or multi-national organizations.

MGT 311 Human Resource Management

3 credits

Prerequisite: MGT 213

A comprehensive study of the personnel management function: planning, recruiting, testing, selection, training, compensation, policy development, performance appraisal, government regulations, and labor relations.

MGT 321 Organizational Behavior and Communication

3 credits

(Also COM 321)

An application of behavioral science to business management problems in the areas of motivation, leadership, morale, communications, and control. Study of formal organizations and management principles.

MGT 325 Supervision

3 credits

Prerequisite: MGT 213

Supervision uses the five functions of management - planning, organizing, staffing, leading, and controlling. Covers job responsibilities of first-line supervisors in directing activities of subordinates. Emphasis is placed on the effectiveness of human relations in communication, leadership and team-building in the workplace.

MGT 330 Supply Chain Management

3 credits

A study of the efficient flow of inventories within manufacturing and services operations. Topics include purchasing, receiving and stores, inventory management and valuation, inventory control systems, materials handling, and physical distribution. The course addresses the legal ramifications specific to goods and services.

MGT 397 Internship

0 credits

Prerequisites: BUA 203, MGT 213, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit applying classroom learning to actual job experience. (“0” credit receives CR/NC grade.)

MGT 404 Special Topics

3 credits

Prerequisite: Permission

Selected topics in management are presented. Topics offered are at the department's discretion and vary from offering to offering.

MGT 408 Leadership in Ethical Organizations

3 credits

Prerequisite: MGT 213

This course examines leadership in contemporary organizations. It addresses the leader's role in accomplishing organizational objectives in a complex, changing, contemporary, global, team-based values-challenged environment. The course reviews approaches to leadership (behavioral, transformational, situational, and values-based), and the impact of successful leadership on the organization. It examines processes involved in the leadership and development of heterogeneous and homogeneous work teams. Students will gain self-awareness of their personal leadership styles, interpersonal skills and values affecting their leadership through experiential exercises and self-assessment.

MGT 411 Organizational Training and Development

3 credits

Prerequisites: MGT 213, MGT 311

This course will critically examine the complementary functions of training employees for specific skills and of long term development of employees to maximize their overall contribution to the organization. Both specific training techniques and personnel development strategies will be covered.

MGT 412 Human Resource Planning, Recruitment, and Selection

3 credits

Prerequisites: MGT 213, MGT 311

This course is an in-depth examination of the process of formulating HR strategies and establishing programs or tactics to implement them. The "best practices" used to recruit well-qualified candidates for these positions and to select the highest-quality employees will be explored. Additional topics include planning, legal compliance, interviewing, selection, and retention.

MGT 413 Compensation and Benefits

3 credits

Prerequisites: MGT 213, MGT 311

This course examines the processes involved in designing and administering a compensation system that stimulates employee productivity, thus satisfying customer demands, while permitting the organization to operate profitably.

MGT 414 Independent Study

1–3 credits

Prerequisite: Permission

An intensive independent study of a chosen subject. The student is expected to read a substantial number of major works in the field and to prepare a critical documented paper.

MGT 415 Employee and Labor Relations

3 credits

Prerequisites: MGT 213, MGT 311

This course will address the relationship between employer and employee. It will consider the employment relationship in both non-union and unionized contexts and impacts on business management, operations, and development. The course will include discussion of the nature of the employment contract, employment-at-will, disciplinary processes, performance management, collective bargaining processes, legal frameworks, parties to collective bargaining, union structure and administration, union organizing, bargaining issues, grievances and arbitration, and differentiation between the private and public sector. Case studies and case law will illustrate principles of operation.

MGT 420 Entrepreneurship and Small Business Management

3 credits

Prerequisite: MGT 213

This course focuses on the activities and problems of the small or family business. Common problems — e.g., cash flow, family conflict, employee relations, expansion, and capital needs — faced by such entities during start-up or in transition states are addressed. Hands-on experience is provided through case studies, exercises, projects, and software. This course allows the student to investigate, analyze, and discuss the fundamentals and details specific to developing an effective business plan.

MGT 421 Project Management

3 credits

Prerequisite: MGT 213

This course focuses on the functions and activities in a team-based, project-management organization. The project life cycle is discussed. Activities such as initiating, planning, staffing, budgeting, executing, piloting/testing and monitoring the project are addressed. Key issues and challenges facing the project manager are identified. Hands-on experience is provided through case studies, exercises, and projects.

MGT 422 Process and Quality

3 credits

Prerequisite: MGT 213

The course provides the overview of an organization's process and quality management programs. This course addresses principles and practices in process and continuous improvement of quality in the business and non-business enterprise. Covers commonly accepted techniques for achieving quality — e.g., benchmarking, Baldrige criteria,

ISO 9000/14000. Particular attention is given to philosophies and methods of process managing for quality, and to tools for quality improvement. The instructional approach is highly experiential and interactive, and features contact with quality systems professionals. Includes an overview of the Total Quality Management (TQM) movement and how the application of TQM techniques achieves customer satisfaction, continuous improvement, and employee involvement. This course introduces the quality philosophy in business. Topics include the linkages between the voice of the customer, the role of information systems, and the human resource management function and how they all tie together to forge the quality direction of an organization.

MGT 426 Safety and Health

3 credits

Prerequisite: MGT 213

This course provides an overview of major processes and procedures related to safety, security, and health in the work place. Students will gain an understanding of standards for occupational safety and health related to the Occupational Safety and Health Act. Safety and health hazards, causes of accidents and injuries, record keeping standards, and analysis of statistics are discussed. Measures organizations can take to promote safety, security, health, and wellness are discussed.

MGT 431 Purchasing

3 credits

Prerequisites: MGT 301, MGT 330

The course breaks down the distinctions between purchasing, procurement and supply management. In providing a comprehensive grounding the differences between strategic and tactical aspects of purchasing, it covers the procurement process and the role of the procurement function within the organization. This course provides the tools to determine "make or buy decision" and to conduct effective price and cost analysis. Critical issues in supplier selection and evaluation are addressed as are emerging and established technologies in e-procurement. The characteristics of services procurement that differentiate it from product procurement are also introduced.

MGT 435 Logistics

3 credits

Prerequisites: MGT 301, MGT 330

(AGS students only)

Introduction to the field of logistics includes development of logistics systems, careers in logistics, distribution planning, supply chain security, and customer service. Also includes roles and functions of: purchasing, inventory control, physical distribution, warehousing, transportation methods, packaging, customs. in-plant movement and storage, facility location, transportation, networks, and logistics information systems.

MGT 497 Internship

1–3 credits

Prerequisite: BUA 203, MGT 213, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit from applying classroom learning to actual job experience.

MKT MARKETING

MKT 201 Principles of Marketing

3 credits

Prerequisite: ENG 105 or ENG 230 or appropriate English placement test score

A general overview of the scope and significance of marketing both domestically and internationally. The course emphasizes the marketing of consumer and industrial goods and analysis of the marketing mix variables of product, price, promotion, and place. It introduces marketing policies and practices of business firms.

MKT 302 Principles of Advertising

3 credits

Prerequisite: MKT 201

A broad-based view of advertising principles and their application to an organization. Topics include advertising agencies, advertising planning and strategy development, understanding available media alternatives, media planning and buying, creating advertising, and the integration of advertising with other elements of the marketing communications mix (e.g. promotions, public relations, personal selling, and direct marketing).

MKT 311 Consumer Behavior

3 credits

Prerequisite: MKT 201

(PSY 101 or 105 recommended)

An exploration of the behavioral basis of consumer motivation and decision making and the implications for marketing and promotional strategies of organizations. Emphasis is placed on applying this knowledge to develop marketing strategies.

MKT 318 Personal Selling Skills

3 credits

Prerequisite: MKT 201

A key factor for success in the business world is the ability to sell products, services, personal capabilities, ideas, and/or solutions to problems. For example, upon graduation, obtaining a job in the profession of choice will be a top priority. The success or failure of this process will depend on the ability to sell a future, prospective employer on one's abilities to meet a company's needs and adapt to a company's culture. This course will focus on understanding

and practicing the consultative selling process. Students will gain an understanding of the selling process, including prospecting, preparing, presenting, determining objections, handling objections, and closing a sale. The course will consist of learning sales principles and practicing these principles through role-playing.

MKT 322 Sales Management

3 credits

Prerequisite: MKT 201

A survey of the structure and processes involved in personal selling and in the managerial issues and problems involved in planning and implementing an effective sales-force management program. Topics include the tasks of the sales department and special issues in organizing, recruiting, selecting, training, motivating, compensating and managing the sales force.

MKT 397 Internship

0 credits

Prerequisites: BUA 203, MKT 201, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit from applying classroom learning to actual job experience. ("0" credit receives CR/NC grade.)

MKT 400 Marketing Management

3 credits

Prerequisites: MKT 201, MKT 302

An advanced course in marketing theory and the development of marketing strategies. This course includes the development of a comprehensive marketing plan.

MKT 401 Marketing Research

3 credits

Prerequisites: MKT 201; BUA 210 or MAT 122 or MAT 123

An exposure to marketing research techniques and procedures used in gathering, recording, analyzing, and reporting of data related to marketing problems.

MKT 402 Marketing Seminar

3 credits

Prerequisite: MKT 201

A seminar on topics and problems in marketing that are of theoretical importance and current interest. Specific topics for discussion vary from term to term.

MKT 404 Special Topics

3 credits

Prerequisite: MKT 201

Presents selected topics in marketing. Topics offered are at the department's discretion and vary from offering to offering.

MKT 414 Independent Study

1–3 credits

Prerequisite: Permission

An intensive independent study of a chosen subject. The student is expected to read a substantial number of major works in the field and to prepare a critical documented paper.

MKT 497 Internship

1–3 credits

Prerequisites: BUA 203, MKT 201, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit from applying classroom learning to actual job experience.

MSC MILITARY SCIENCE

MSC 101 Leadership and Military Science I

2 credits

This is an introductory course designed to focus on the fundamental components of service as an officer in the United States Army. Students are familiarized with individual values, leadership traits and the fundamentals of officer ship. Students also learn "life skills" of physical fitness, communication applications, both oral and written, as well as interpersonal relationships. The lab provides basic instruction on squad movement techniques and the six-squad tactical missions of patrolling, attack, defense, ambush, reconnaissance, and squad battle drills. Additionally, students learn basic map reading, first aid, physical fitness, and military formations to include basic marching techniques.

MSC 102 Leadership and Military Science II

2 credits

This course is an orientation to leadership theory and the fundamentals of the decision-making process by learning how to solve problems and develop critical thinking skills. Students develop leadership skills and the ability to learn goal-setting techniques while working in a group interaction setting. The lab continues to provide basic instruction on squad movement techniques and the six-squad tactical missions of patrolling, attack, defense, ambush, reconnaissance, and the squad battle drills. Students are introduced to the operations order format. Additionally, students learn basic map reading, physical fitness, and basic marching techniques.

MSC 183 Military Conditioning

1 credit

(Enrolled in a Military Science class)

Students participate in the United States Army's military conditioning and fitness program designed to develop both individual fitness and the leadership skills and knowledge essential to the management of an effective organizational physical fitness program.

MSC 201 Basic Leadership and Management I

3 credits

Prerequisite: MSC 101

Students learn how to resolve ethical problems by applying leadership theory and principles. Students learn self-development techniques such as the importance of stress management, time management, and the ability to solve problems. Lastly, students apply communication theory and skills in a leadership study focusing on problem solving. The lab applies basic leadership theory and decision-making during practical exercises in a field environment. Students continue to develop basic map reading, physical fitness, and basic marching techniques.

MSC 202 Basic Leadership and Management II

3 credits

Prerequisite: MSC 102

Students focus primarily on leadership with an extensive examination of the unique purpose, roles, and obligations of commissioned officers. Students also focus, in detail, on the origin of our institutional values and their practical application in the decision-making process and leadership theory. Students use case studies to learn the Army's ethical decision-making process. The lab continues to apply basic leadership theory and decision-making during practical exercises in a field environment. Students continue to develop basic map reading, physical fitness and basic marching techniques.

MSC 301 Advanced Leadership and Management I

4 credits

Prerequisite: Permission

Students are introduced to the Leader Development Program that will be used to evaluate their leadership performance and provide developmental feedback for the remainder of their cadet years. Cadets are then taught how to plan and conduct individual and small unit training, as well as basic tactical principles. Cadets will also learn reasoning skills and the military-specific application of these skills in the form of the army's troop. The lab reinforces small-unit tactical training while employing the troop leading procedures to accomplish planning and decision-making. Students continue to learn basic map reading, physical fitness and marching techniques.

MSC 302 Advanced Leadership and Management II

4 credits

Prerequisite: Permission

The course focus is doctrinal leadership and tactical operations at the small-unit level. Students are provided opportunities to plan and conduct individual and collective training for Army operations. Synthesizing training, leadership and team building is the primary focus. Upon completion, students possess the fundamental confidence and competence of leadership in a small-unit setting. The lab continues reinforcing small-unit tactical training while employing the troop leading procedure to accomplish planning and decision-making. Students also continue basic map reading, physical fitness, and basic marching techniques.

MSC 401 Applied Leadership and Management I

4 credits

Prerequisite: Permission

This course concentrates on leadership, management, and ethics, and begins the final transition from cadet to lieutenant. Students focus on attaining the knowledge and proficiency in several critical areas they need to operate effectively as Army officers. These areas include coordinating activities with staff, counseling theory and practice within the "Army Context," training management, and ethics. The lab sharpens the students' leadership skills as they perform as cadet officers. Students develop and possess the fundamental skills, attributes, and abilities to operate as competent leaders in a cadet battalion. They must confidently communicate to subordinate cadets their preparedness to shoulder the responsibilities entrusted to them.

MSC 402 Applied Leadership and Management II

4 credits

Prerequisite: Permission

Students learn the legal aspects of decision-making and leadership. Instruction introduces the student to the organization of the Army from the tactical to the strategic level. Students learn administrative and logistical management focusing on the fundamentals of soldier and unit level support. Practical exercises require the student, both individually and collectively, to apply their knowledge to solve problems and confront situations commonly faced by junior officers. The lab continues to sharpen the students' leadership skills. Students normally change leadership positions to hone their skills, attributes, and abilities as leaders. Again, they must confidently communicate to subordinate cadets their preparedness to shoulder the responsibilities entrusted to them.

MSC 404 Special Topics

1–3 credits

Detailed examination of a current issue or problem in military science.

MSC 421 Contemporary Leadership and Management

1–3 credits

Prerequisite: Permission

Military Science students and graduates from Military Science, with consent of department chairperson, can participate in an intensive reading, writing and training program examining contemporary military leadership and training requirements. Planning, conducting, and evaluating training will be the primary focus.

MSC 431 Advanced Contemporary Leadership and Management

1–3 credits

Prerequisite: Permission

Military Science students and graduates from Military Science, with the consent of department chairperson, can participate in

an intensive reading, writing and training program examining contemporary military leadership and training. Writing lesson plans, operation orders, and conducting training will be the primary focus.

MTE MATHEMATICS EDUCATION

MTE 288 Mathematics for Middle School Teachers I

3 credits

Prerequisite: MAT 151

A course designed for students who have declared a math for elementary/middle education minor. Course will focus on developing problem-solving strategies relative to topics in geometry and number theory. Topics may include non-Euclidian geometries, tessellations, mappings, topology, equations, inequalities, and algebraic proofs.

MTE 289 Mathematics for Middle School Teachers II

3 credits

Prerequisite: MAT 151

A course designed for students who have declared a math for elementary/middle education minor. Course will focus on developing problem-solving strategies relative to topics in probability and statistics and presenting those strategies. One objective of the course is to investigate topics including descriptive and inferential statistics, graphing techniques, single-stage and multiple stage experiments, and other topics at the instructor's discretion. A second objective of the course will allow the student to develop teaching strategies relevant of the above topics as pertain to the elementary/middle grades.

MTE 290 Mathematics for Middle School Teachers

4 credits

Prerequisite: MAT 151, MAT 122, and appropriate math placement test score or MAT 112 with a grades of C or higher

A course designed for students who have declared a Math for Elementary/Middle Education minor. Course will be a continuation of MAT 151 relative to additional topics in geometry, probability, statistics, and algebra applicable to the middle school curriculum.

MTE 375 Historical Topics in Mathematics

2 credits

Prerequisite: MAT 212

A course designed to acquaint the prospective teacher of secondary mathematics with a survey of the history of the discipline. Topics will include a development of mathematics as known to the Babylonian, Egyptian, Greek, Arabian, and Chinese civilizations. Included in this discussion is the development of numerals and place-value numeration systems, the axiomatic method, and analysis of various algorithms, both modern and historical. Other topics may be included at the discretion and interest of the course instructor. This course is required of all mathematics teaching majors and minors.

MUS MUSIC

MUS 010, 020, 030, 040, 050, 060, 070 Concert Attendance

0 credits

A course featuring concert attendance as fulfillment of a music major requirement. Includes a field trip each semester for which a fee is required. (*CR/NC grade only.*)

MUS 101 Music Fundamentals

3 credits

An introduction to basics of music theory: notation, rhythmic reading, sight singing, scales, key signatures, intervals, chords, transposition, and terminology. Functional skills of playing melodies and simple accompaniments on piano and other classroom instruments are taught.

MUS 104 Beginning Voice Class

1 credit

(Audition required.)

A vocal ensemble that performs all eras of American pop, show music and jazz. Includes choreography. Rehearsals lead to dinner shows and an annual tour. (repeatable for credit. "0" credit receives CR/NC grade.)

MUS 107 Women's Chorale

0–1 credit

A women's ensemble that performs choral literature specifically intended for women's choirs from all eras. The ensemble meets two hours weekly, performs in concerts and liturgies, and may tour throughout the year. (*repeatable for credit.*)

MUS 111 Beginning Keyboard Class

1 credit

(*Music majors and minors only*)

An introduction to basic piano techniques, elements of sight-reading and harmonization, and beginning piano literature. It is a class for music majors and minors, elementary education majors, and others by permission of the music department.

MUS 112 Keyboard Class II

1 credit

Prerequisite: MUS 111

Emphasis on preparation for the keyboard proficiency requirements for music majors. A continuation of MUS 111.

MUS 121, 122, 221, 222, 321, 322, 421, 422 Voice

½–1 credit

(*Music majors and minors only*)

Private lessons in voice. (*repeatable for credit.*)

MUS 130 Collegiate Wind Ensemble

0–1 credit

A band open to experienced woodwind, brass, and percussion players. The ensemble rehearses twice a week for 1½ hours

and performs one or two concerts each semester. (*repeatable for credit. "0" credit receives CR/NC grade.*)

MUS 131, 132, 231, 232, 331, 332, 431, 432 Keyboard: Piano and Organ

½–1 credit

(*Music majors and minors only*)

Private lessons on piano or organ. (*repeatable for credit.*)

MUS 140 Chamber Ensemble

0–1 credit

Various small instrumental and vocal ensembles open to experienced musicians. (*repeatable for credit. "0" credit receives CR/NC grade.*)

MUS 141, 142, 241, 242, 341, 342, 441, 442 Strings

½–1 credit

(*Music majors and minors only*)

Private lessons on orchestral string instruments including guitar. (*repeatable for credit.*)

MUS 150 Orchestra

0–1 credit

An orchestra comprised of experienced players from the community and students. Rehearses weekly for 1½ hours and performs at least once each semester. (*repeatable for credit. "0" credit receives CR/NC grade.*)

MUS 151, 152, 251, 252, 351, 352, 451, 452 Woodwinds

½–1 credit

(*Music majors and minors only*)

Private lessons on flute, oboe, clarinet, bassoon, or saxophone. (*repeatable for credit.*)

MUS 161, 162, 261, 262, 361, 362, 461, 462 Brass

½–1 credit

(*Music majors and minors only*)

Private lessons on cornet/trumpet, French horn, trombone, euphonium, or tuba. (*repeatable for credit.*)

MUS 170 Jazz Ensemble

0–1 credit

An auditioned ensemble whose members explore various jazz idioms, develop improvisational skills, and perform publicly. Rehearses one to three times a week. (*repeatable for credit. "0" credit receives CR/NC grade.*)

MUS 171, 172, 271, 272, 371, 372, 471, 472 Percussion

½–1 credit

(*Music majors and minors only*)

Private lessons on snare drum, timpani, mallet percussion, and drum set. (*repeatable for credit.*)

MUS 191, 192, 291, 292, 391, 392, 491, 492 Music Composition

1 credit

Private lessons in musical composition. (*repeatable for credit.*)

MUS 180 Accompanying

1 credit

A course in applied accompanying. Each student is given an accompanying assignment that lasts through the semester. In addition, students meet three times each semester to address specific problems in accompanying vocal and instrumental soloists. (*repeatable for credit.*)

MUS 200 Music Appreciation

3 credits

A survey of the major forms and compositions of Western art music, with units in world music and jazz. Emphasis is placed on the development of listening skills, as well as historical, biographical, and sociological study to enhance appreciation of the music. This course is designed for the general student. (*required field trip, with fee.*)

MUS 202 American Music

3 credits

A survey of the development of music in America, including concert styles, popular, and show music. This course is designed for the general student. (*required field trip, with fee.*)

MUS 203 Jazz Survey

3 credits

A chronological study of jazz and its antecedents from 1900 to the present. Includes style periods, major artists, relevant historical/sociological background, and the development of listening skills. This course is designed for the general student. (*required field trip, with fee.*)

MUS 204 Special Topics

3 credits

Prerequisite: Permission

An individual project which could include but is not limited to musical composition, analysis, research, or performance.

MUS 205 World Musics

2–3 credits

A study of various world music including Oriental, African, Eastern European, American jazz, and others, but not including Western art music. Includes study of the structure and the sociological setting of the music, with an emphasis on the development of listening skills. This course is designed for the general student. (*Required field trip, with fee.*)

MUS 206 Beginning Guitar

3 credits

This course provides class lessons in beginning guitar with an emphasis on learning the fundamentals of music through exercises and varied song material. Students must provide their own acoustic guitar. (*Guitar rental is possible from an area music store.*)

MUS 207 Introduction to Voice

3 credits

This course is an introduction to singing. Techniques involving breath control, freedom and relaxation of the singing voice, accurate articulation, and projection are emphasized through vocal exercises and class performance in groups and solos. A listening component, as well as required concert attendance, is included. This class is for the general student with little or no previous musical training or background.

MUS 209 Vocal Jazz Ensemble

0–1 credits

The Vocal Jazz Ensemble studies and performs vocal jazz literature of varying styles, including swing, ballad, bebop, Latin, and contemporary. Areas of study include improvisation and scat, ensemble singing, and working with a rhythm section. This ensemble meets three hours weekly and will perform several times per semester. Audition required. *(repeatable for credit.)*

MUS 211 Music Theory I

3 credits

The study of notation, scales, modes, intervals, basic harmony, instruments, voices, and style periods. The course also includes ear-training and sight-singing and keyboard skills.

MUS 212 Music Theory II

3 credits

Prerequisite: MUS 211

A continuation of MUS 211, including seventh chords, modulation, secondary dominants, two- and three-part form, and an overview of American music forms and styles. The course includes a continuation of ear-training, sight-singing and keyboard skills.

MUS 220 Chamber Singers

0–1 credit

(Audition required)

An ensemble of auditioned voices that perform chamber choral literature from all eras. The ensemble meets three hours weekly, performs in concerts and liturgies, and may tour throughout the year. *(repeatable for credit.)*

MUS 224 Beginning Conducting

2 credits

Prerequisite: MUS 212

The study of basic conducting skills: beat patterns, attacks, releases, dynamics, tempos, expressive devices, and score reading.

MUS 226 Choral Conducting

2 credits

Prerequisite: MUS 224

A course leading to the refinement of skills learned in beginning conducting. Emphasis is placed on score preparation, interpretation of styles, expressive conducting, and ensemble balance and blend unique to choirs.

MUS 234 Instrumental Conducting

2 credits

Prerequisite: MUS 224

A course leading to the refinement of skills in beginning conducting. Emphasis is placed on score preparation, interpretation of styles, expressive conducting, and ensemble blend and balance.

MUS 301 History and Literature of Music I

3 credits

Prerequisite: MUS 212

A study of music in the Western art tradition from the early Greeks through 1600. While the historical, sociological, philosophical, and artistic setting of the musical examples is examined, the style and interrelationships of the examples and their composers are the main emphasis.

MUS 302 History and Literature of Music II

3 credits

Prerequisite: MUS 212

A continuation of MUS 301; history from 1600 to 1900.

MUS 303 Music Since 1900

2 credits

Prerequisite: MUS 312

An integrative study of the history and theory of art music in the 20th Century. This course will examine the historical, sociological, philosophical, and artistic setting of twentieth century music through an examination of compositional methods and materials, history, critical listening, and research.

MUS 311 Music Theory III

3 credits

Prerequisite: MUS 212

A continuation of MUS 212, including 16th century polyphony, fugue, variation forms, and harmonic practices of the 18th and 19th century. Ear-training, sight-singing, and keyboard skills are continued.

MUS 312 Music Theory IV

3 credits

Prerequisite: MUS 311

A continuation of MUS 311, including harmonic practices of the late 19th century, sonata allegro and rondo forms, and 20th century compositional techniques. Ear-training, sight-singing, and keyboard skills are continued.

MUS 376 Junior Recital

½ credit

(Music majors and minors only)

A course leading to the culminating performance on an instrument or voice for which the student will be evaluated.

MUS 382 Practicum in Music Administration

3 credits

Prerequisite: MUS 381

Field experience in the student's area of interest in the music industry. Taken for at least two semesters; repeatable for credit.

MUS 397 Internship

1–3 credits

Prerequisites: BUA 203, MUS 382

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

MUS 404 Special Topics

1–3 credits

Prerequisite: Permission

An individual project which could include, but is not limited to, musical composition, analysis, research, or performance.

MUS 408 Jazz Techniques for the Music Educator

3 credits

Prerequisites: MUS 208, MUS 210

This course is designed to prepare the future music educator for successful experiences in teaching jazz at the secondary level. Students will gain insights into performance and rehearsal techniques for the instrumental jazz ensemble. In addition, approaches for teaching jazz improvisation and selecting literature for young students will be explored. Other topics will include programming, style considerations, articulation, and jazz festival participation.

MUS 411 Arranging

1 credit

Prerequisite: MUS 311

A course that prepares the prospective music teacher to arrange and adapt music for various ensembles.

MUS 414 Independent Study

1–3 credits

Prerequisite: Permission

A course designed by the student with an instructor's guidance to allow students of superior ability to pursue a topic of interest not available through regular courses.

MUS 476 Senior Recital

1 credit

(Music majors and minors only)

A course leading to the culminating performance on an instrument or voice for which the student will be evaluated.

MUS 497 Internship

1–4 credits

Prerequisites: BUA 203, MUS 382

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

NRS NURSING**NRS 200 Health Promotion, Wellness, and Safety Across the Lifespan**

6 credits

*Prerequisites: BIO 205, BIO 210, CHE 103, ENG 106, PSY 105, SWK 210**Prerequisite or corequisite: NRS 215**Corequisite: NRS 230**(Admission to the major)*

This course will introduce foundational concepts and skills in the form of nursing health promotion strategies to facilitate individual and group wellness and safety across the lifespan. The development of disease states and methods to prevent or decrease risk factors will be discussed. Emphasis is on the role of the professional nurse in planning and implementing nursing care, effective teaching, and interventional behaviors for individuals and families. Emphasis will be placed on normal growth and developmental changes across the lifespan addressing health promotion, wellness, and safety concerns in the care of patients.

NRS 215 Introduction to Pharmacology

2 credits

This course focuses on acquiring and expanding knowledge, skills, and attitudes of basic concepts and principles in pharmacology and drug classifications to include metabolism, action, use, adverse effects and treatment implications. Topics include the roles and responsibilities of the health care professional in the legal, ethical, safe, and effective medication administration.

NRS 230 Health Assessment

4 credits

*Prerequisites: BIO 205, BIO 210, CHE 103, ENG 106, PSY 105, SWK 210**Prerequisite or corequisite: NRS 215**Corequisite: NRS 200**(Admission to the major)*

This course provides the knowledge of health history taking, physical assessment, and documentation. The student will acquire needed skills to conduct a comprehensive health assessment including the physical, psychological, social, functional and environmental aspects of health. Integrated in this is the collection and analysis of data which are essential in planning safe and effective care. Effective communication, assessment, and documentation will be practiced in the laboratory setting. The student will become familiar with the techniques of physical assessment consisting of inspection,

palpation, percussion, and auscultation. Emphasis is placed on health assessment as a systematic and organized examination that will provide accurate data from which to form valid nursing diagnoses and plans of care.

NRS 300 Patient Centered Care Across the Lifespan I

6 credits

Prerequisites: NRS 200, NRS 215, NRS 230

This course focuses on the conceptual analysis of health problems, diagnoses, and interventions related to the acquisition and expansion of knowledge, skills, and attitudes gained in previous courses related to holistic care of individuals and families affected by selected disorders across the life continuum.

NRS 301 Medical Mission Trip

1 credit

Restricted to sophomores and above in good standing

Introduction to concepts of culture, health practices and health education from a personal and global perspective through lived experience with an underserved population. Topics include reflection on personal values, human rights to health care, health care provider responsibility to facilitate/provide health care and health education, similarities and differences between cultures within an underserved population and a student's home community. Course delivery on core concepts and required travel on a medical mission trip.

NRS 315 Psychosocial Integrity Across the Lifespan

3 credits

Prerequisites: NRS 200, NRS 215, NRS 230

This course focuses on the growth of typical and adaptive psychosocial health behaviors across the lifespan and the most common mental health problems associated with children, adolescents, adults, and older adults exploring the mental and emotional difficulties and developmental needs that everyone faces. Specific attention is given to therapeutic communication techniques dealing with individuals and families across the lifespan. This course includes both clinical and service-learning components.

NRS 325 Health Care Systems

2 credits

This course explores the structure of health care policy, organization of health care delivery systems, health care financing, and their inter-relationships. Emphasis is placed on nursing's and other selected health professionals' role impact on the health care environment.

NRS 335 Research in Health Care

3 credits

Prerequisite: NRS 200, NRS 365

This interdisciplinary course focuses on the use of scientific research as a basis for understanding and improving clinical practice. Topics include differentiation between various forms of written communication, utilizing former research to support

a position and/or develop new research proposals, organizing and writing research papers, and producing visual aids for oral presentations. Emphasis in this course is on the critical review of research studies and their applications for evidenced-based clinical practice. This is a writing intensive course.

NRS 350 Patient Centered Care Across the Lifespan II

6 credits

Prerequisite: NRS 300

This course focuses on the conceptual analysis of health problems, diagnoses, and interventions related to the acquisition and expansion of knowledge, skills, and attitudes gained in previous courses related to holistic care of individuals and families affected by selected disorders across the life continuum.

NRS 365 Health Care Informatics

2 credits

This course focuses on core concepts, skills, and tools that define the health care informatics field, including the examination of health information technologies to promote safety, improve quality and foster consumer centered care and efficiency.

NRS 400 Patient Centered Care Across the Lifespan III

6 credits

Prerequisite: NRS 350

Corequisite: NRS 415

This course focuses on the conceptual analysis of health problems, diagnoses, and interventions related to the acquisition and expansion of knowledge, skills, and attitudes gained in previous courses related to holistic care of individuals and families affected by selected disorders across the life continuum.

NRS 415 Leadership and Health Care Professionals

3 credits

Prerequisite: SWK 422

Corequisite: NRS 400

This course differentiates leadership and followership and emphasizes major behavior patterns that effective leaders use to influence followers, including various leadership models. Topics include what effective leaders really do and how leaders can diagnose and modify situations to make their leadership a more positive and productive endeavor within the health care field.

NRS 425 Trends and Issues in Health Care

2 credits

Prerequisite or corequisite: NRS 400

This course explores the impact of numerous professional and societal forces on health care policy and practice. Content includes an analysis of current studies, health care policy and position statements; political, environmental, and cultural issues; and changing nursing roles. The study of these issues examines the impact on health care delivery systems in society.

NRS 430 Population Health Nursing

5 credits

Prerequisites: NRS 350

This course focuses on acquiring knowledge, skills, and attitudes related to population focused care. Concepts of population based health promotion and disease prevention will be explored. Through the use of community needs assessments and National Health Care Objectives (Healthy People 2020), patient centered care is applied to aggregates established by geopolitical boundaries.

NRS 450 Patient Centered Care Across the Lifespan IV

4 credits

*Prerequisite: NRS 400**Corequisite: NRS 461, NRS 470*

This course focuses on the conceptual analysis of health problems, diagnoses, and interventions related to the acquisition and expansion of knowledge, skills, and attitudes gained in previous courses related to holistic care of individuals and families affected by critical illness disorders across the life continuum.

NRS 461 Concept Synthesis

1 credit

Corequisite: NRS 450

This course is a focused review of content pertinent to the NCLEX-RN® test plan based on group performance on a standardized comprehensive predictor exam. Emphasis is also placed on student progress on the individualized focused review.

NRS 470 Senior Capstone

4 credits

Corequisite: NRS 450

This course focuses on integration and application of the knowledge, skills and attitudes gained throughout the curriculum. The emphasis is on clinical competency and demonstration of the graduate learning outcomes in an area of student interest.

NRS 471 Advanced Care of the Obstetrical Patient

1 credit

Prerequisite: NRS 400 and Permission

The student acquires knowledge about families experiencing the birth of a child. Emphasis is placed on the biopsychosocial, intellectual, and spiritual needs of the mother and father, the baby, and significant others. The student grows in the maturing professional nurse role by prescribing, designing, developing, utilizing, and evaluating the nursing process and the teaching-learning process in assisting the family with health enhancement and health maintenance needs.

NRS 473 Advanced Care of the Psychiatric Patient

1 credit

Prerequisite: NRS 400 and Permission

This course focuses on integration and application of the knowledge, skills and attitudes gained throughout the curriculum. The intent of this course is to foster deeper knowledge of psychiatric nursing, allowing students to go beyond basic nursing concepts and require deeper thinking and problem solving. The students will be introduced to critical thinking and clinical reasoning methods and apply those to case studies. Students will also bring examples from their capstone clinical experiences into this course as scenarios within which they can practice clinical reasoning and develop their clinical judgment skills. The framework will be the Marian University program outcomes.

NRS 474 Advanced Care of the Medical/Surgical Patient

1 credit

Prerequisite: NRS 400 and Permission

This course focuses on integration and application of the knowledge, skills and attitudes gained throughout the curriculum. The intent of this course is to foster deeper knowledge of medical/surgical nursing, allowing students to go beyond basic nursing concepts and require deeper thinking and problem solving. The students will be introduced to critical thinking and clinical reasoning methods and apply those to case studies. Students will also bring examples from their capstone clinical experiences into this course as scenarios within which they can practice clinical reasoning and develop their clinical judgment skills. The framework will be the Marian University program outcomes.

NUR NURSING**NUR 225 Nutritional Concepts**

2 credits

Prerequisite or corequisite: NUR 201

The student is provided the opportunity to acquire knowledge about selected nutrients in nutritional health. Emphasis is placed on nutritional physiological needs, assessment and support throughout the lifespan, and implications surrounding nutritional deficits. Elements of client education are also examined. Knowledge gained promotes insights into the professional role by enabling the student to form values, communicate, think critically, and make decisions related to maximum nutritional health potential. (*Open to non-nursing majors.*)

NUR 305 Transcultural Nursing and Health

2 credits

Prerequisite: NUR 202

The student acquires knowledge through opportunities to learn about culture and its relationship to health practice from a personal and global perspective. The course assists the student to acquire knowledge about his or her own culture and

other cultures. This provides the student with different cultural insights and a deeper appreciation of human life and values.

NUR 309 Pharmacological Intervention of Disease Process

4 credits

Prerequisite or corequisite: NUR 312

The student will expand the understanding of pharmacological agents that may be used to alter pathophysiological mechanisms. Specific drug actions and interactions at the cellular level to promote repair, alter, or interfere with cell function will be analyzed.

NUR 312 Professional Nursing Concepts

3 credits

(All but 12 credits in the Liberal Arts Core Curriculum must be completed before enrolling in this course)

This bridge course to baccalaureate and higher degrees in nursing focuses on the concepts of professional nursing and includes the knowledge, skills, attitudes, and values that are essential to professional nursing practice. The challenges of returning to school as a working adult are explored along with topics pertaining to nursing history, nursing theories, safety and quality issues in health care, workforce diversity, and various health care influences on nursing practice. Outcomes for graduates of baccalaureate nursing programs, delineated in *The Essentials of Baccalaureate Education for Professional Nursing Practice* (AACN, 2008) are introduced and include the concepts of patient-centered care, patient safety and care quality, professional collaboration, and evidence-based nursing practice.

NUR 321 Research Essentials for Evidence-Based Practice

3 credits

Prerequisite or corequisite: NUR 312

The research process, including problem identification and methodologies, provides the basis for understanding how research evidence is used to inform professional nursing practice. The application of research evidence to nursing practice is facilitated through the analysis and critique of published research studies. Various evidence-based practice models are appraised for their use in students' practice settings.

NUR 328 Health Care Informatics

3 credits

Prerequisite or corequisite: NUR 321

The core concepts, skills, and tools that define the field of health care informatics are introduced. Emphasis is on the use of informatics and technology to inform and support professional nursing practice, including the application of health information technologies to patient safety and quality improvement efforts. The use of health care informatics to support consumer-centered care and evidence-based practice, improve efficiencies in health care systems, and promote competency in the use of technology skills is explored.

NUR 404 Special Topics

1–3 credits

A detailed examination of a current issue in nursing. Material covered varies according to expertise of individual instructors.

NUR 414 Independent Study

1–3 credits

Prerequisite: 3.0 GPA and permission

A student-designed learning experience which is submitted in proposal form to a nursing faculty member in order to develop a mutually acceptable independent study plan. This faculty-guided experience allows students of superior ability to pursue a topic of interest not available through regular courses.

NUR 405 Health Care Delivery Systems

3 credits

The main features and functions of health care delivery systems in the U.S. are introduced to students. The relationships between and among health care organizations, providers of care, health care policy and regulation, and reimbursement systems are explored in the contexts of accessibility, accountability, affordability, and patient-centered care. The unique roles of various health care disciplines in assuring health care quality in a climate of health care reform efforts are analyzed.

NUR 424 Nursing Leadership in Health Care

4 credits

Prerequisites: SWK 422

Emphasis is on behavior patterns that effective leaders use to influence others and includes various leadership models. Students have the opportunity to develop skills in leadership and apply their knowledge and experience within health care organizations to collaborate with, influence, and manage patients, providers, and other health care professionals for the purpose of providing patient-centered care. Effective communication techniques and the use of research evidence for decision making facilitate growth in critical thinking and clinical judgment.

NUR 435 Public Health Nursing

4 credits

Prerequisite: NUR 330, NUR 335, NUR 340, NUR 341, NUR 350, NUR 351 or NUR 312

The student is provided an opportunity to acquire knowledge on the art and science of public health nursing exploring concepts of epidemiology, natural history of disease and disease surveillance and control. Through the use of community needs assessments and National Health Care Objectives (Healthy People 2010), the nursing process is applied to care of aggregates established by geopolitical boundaries. The continued development of cultural diversity, infectious disease, policy development, and community health education strategies are explored. The clinical component enables the student to demonstrate the processes of acquiring knowledge, forming values, and developing skills related to

communication, critical thinking, and decision-making to assist clients toward maximum health potential.

NUR 444 Parish Nursing

3 credits

The Faith Community Nursing Program prepares experienced registered nurses for ministry integrating spirituality, health, and wholeness within their community. Students will examine the spiritual dimensions of nursing, personal spirituality, the process of developing a faith community nurse program, and review the application of community health nursing principles. The International Parish Nurse Resource Center curriculum will be followed.

NUR 458 Trends and Issues in Health Care

2 credits

Students explore the political, economic, societal, technological, and professional influences on health care policy and practice. Current literature, existing and proposed health care policies, and professional position statements are examined and analyzed in the context of the health care industry in general and patient-centered care specifically. The ways in which sociopolitical, environmental, and cultural issues influence the availability and delivery of health care services are also discussed.

NUR 467 Theoretical Foundations for Nursing Practice

3 credits

The theoretical bases for professional nursing practice are explored through analysis of selected theories and practice models, and examination of the relevance of theory to practice, research, and education in nursing. The behaviors, attitudes, and values necessary for theory-based professional nursing practice in the context of individual, family, and population health are discussed. Students apply critical thinking skills and beginning scholarship through synthesis of information found in assigned readings and the nursing literature.

NUR 475 Structure and Philosophy of Palliative Care

3 credits

(For RNs only)

This course assists the RN to describe and differentiate the structure and practice of palliative care. It adds knowledge upon which the RN can build/add interventions. The course expands not only the nurse role in palliative care interventions, but also provides knowledge of the expanding role of other members of the health care team. It addresses both identified and expressed spiritual, religious, and existential needs of the patient and family, and utilizes this information in the development of the individualized plan of care. The focus is on holistic care of the patient and family.

NUR 480 Psychosocial and Cultural Aspects of Palliative Care II

3 credits

Prerequisite: NUR 475

(For RNs only)

This course assists the RN to assess psychological, social, psychiatric, pharmacologic, non-pharmacologic, and complimentary alternative medicine issues, and integrates assessments and intervention strategies of other health care disciplines to develop an individualized plan of care within the realm of the patient and family goals. Provides knowledge of how to employ and facilitate grief and bereavement support to the patient and family utilizing accepted community, cultural, religious, and spiritual programs.

NUR 485 Physical Care of the Imminently Dying

3 credits

Prerequisite: NUR 480

(For RNs only)

This course assists the RN to analyze differential diagnosis and develop appropriate clinical judgments for pain, other symptoms, and treatment of side effects that include multi-system and functional health problems. It provides knowledge to recognize the signs and symptoms of the dying process from the life review period to the imminent death period. Communicate treatment, grief, and bereavement alternatives to patient and family, and document appropriately, and coordinate plan of care modality to family and other health care disciplines.

PHI PHILOSOPHY

PHI 130 Philosophy and Values

3 credits

This course examines and practices critical thinking as the primary vehicle for understanding and appreciating the value of living the "examined life." Various areas of philosophy and philosophical texts are studied with the intention of facilitating familiarity with and participation in the philosophical process. Much attention is given to articulating, examining, and integrating fundamental assumptions, values and beliefs in an effort to develop self-knowledge, meaningful dialogue, social responsibility, and compassionate understanding.

PHI 132 The Examined Life

3 credits

Prerequisite: GEN 101

This introductory philosophy course builds on the critical reading and thinking outcomes students will have achieved in the First-Year Seminar and prepares students for their future studies and for life by leading them to develop their abilities in three outcome areas: interpretive reasoning, critical reasoning and global citizenship. Through engagement with historical, multicultural, and contemporary texts students will learn how to interpret texts, move from evidence to conclusions and use

their interpretations and conclusions to live a more examined life.

PHI 204 Special Topics

3 credits

Prerequisite: PHI 130 or PHI 132

An examination of special areas or problems in philosophy not specifically dealt with in other courses. Examples would be philosophy in literature, philosophy of history, evolutionary-process philosophy, personalism, and philosophy of environment.

PHI 212 Contemporary Ethical Issues

3 credits

Prerequisite: PHI 130 or PHI 132

A study of selected ethical issues. Areas of this study will vary, but examples of ethical concern include human rights and responsibilities, social and racial justice, and selected issues from medical, business, and environmental ethics.

PHI 220 Bioethics

3 credits

Prerequisite: PHI 130 or PHI 132

A course designed specifically for those concerned with ethical problems facing medical professionals and generally for anyone with an interest in the relation of ethics to biomedical issues. The course examines the nature of ethics and morality, the variety of ethical theories and normative ethical principles, and the practice of applying such concepts to specific cases and issues within the biomedical sciences. Topics covered include issues in the professional–patient relationship, termination of life, reproductive rights and technologies, and allocation and public policy.

PHI 231 Business Ethics

3 credits

Prerequisite: PHI 130 or PHI 132

An examination of the private, corporate and social dimensions of business life in the context of a total ethical life. Economic theories and actual business practices and cases are considered and evaluated from the perspective of established normative ethical principles.

PHI 304 Art and Culture

3 credits

Prerequisite: PHI 130 or PHI 132

A study of the arts as creative vehicles expressing personal, moral, aesthetic, social, and political values. The course stresses the arts as individually creative and personal, but also as value-laden expressions.

PHI 305 Philosophy of Love and Friendship

3 credits

Prerequisite: PHI 130 or PHI 132

This is a philosophical examination of human relationships in general; however, the primary emphasis is on exploring

the nature and meaning of love and friendship. Considerable attention is given to current and historical perspectives and a variety of gender and social issues. More specific areas include deception, trust, honesty, self-knowledge, commitment, intimacy, genuine compassion, and sexuality. Many insights from a variety of perspectives — psychological, historical, religious, literary — are integrated, and particular consideration is given to several significant feminist views.

PHI 306 Ethics of Gender, Race, and Class

3 credits

Prerequisite: PHI 130 or PHI 132

This course focuses on the meaning and significance of social justice through a critical examination of concepts and issues pertaining specifically to gender, race and class, as well as to difference in general. Considerable attention is given to identifying and understanding the values, beliefs, and assumptions that form the basis of prejudice, inequality, privilege, and oppression. Insights from a variety of perspectives and disciplines are integrated with philosophical analysis, much of which involves ethical reasoning and theory application.

PHI 312 Existentialism

3 credits

Prerequisite: PHI 130 or PHI 132

A study of existentialism first as a historical phenomenon and then as a philosophy. Themes important to the existential movement are analyzed, such as freedom, alienation, co-existence, self-decision, death, value and subjectivity, as expressed in the writings of selected existential writers.

PHI 315 The Media and Identity

3 credits

Prerequisite: PHI 130 or PHI 132

This course integrates philosophical analysis with cultural and media studies in order to examine the profound cultural role that the media play in shaping individual and social experience—how media production, content and reception affect the way in which we think, understand ourselves, perceive the world and live from day to day in an environment which is largely media-constructed. Through the application of critical thinking and various theoretical perspectives, we investigate how media representations significantly contribute to the formation of identities, values, beliefs, assumptions, social institutions, and social practices. Specific attention is given to (1) how various media forms and genres—such as television, film, the internet, art, advertising, news reporting, music recording—produce and communicate meaning; and (2) how audiences receive, interpret, and respond to media-generated content.

PHI 316 Social and Political Philosophy

3 credits

Prerequisite: PHI 130 or PHI 132

An investigation of political activity at all levels of society. This course studies the workings of government, the politics

that occurs outside of the governmental sphere, and the foundational arguments that justify or challenge all of the structuring of power involved therein. Our focus will be on the importance of politics for human society, the hopes one can reasonably entertain for such politics, and the possibility and desirability of various conceptions of a utopia society.

PHI 318 Buddhism and the Mind

3 credits

Prerequisite: PHI 130 or PHI 132

This is an introduction to Buddhism with particular emphasis on its philosophical and psychological foundations. Particular attention will be given to the similarities and differences between Asian and Western philosophical, psychological, and ethical perspectives; the fundamental insights of Hinduism, Indian Buddhism, and Taoism that form the foundation of Zen Buddhist thought and practice; how mindfulness and Buddhist meditation serve as the basis of psychological insight and self-understanding; and the extent of Buddhism's influence on Asian culture and on Western thought, especially philosophy and psychology.

PHI 320 Philosophy of Law

3 credits

Prerequisite: PHI 130 or PHI 132

What is law? This is a philosophical investigation into the depths of human society to discover the very nature and idea of law. Law is something that humans require to live with one another, it effects all humans, has been around for thousands of years, yet it is any abstract idea that can seem quite complicated and difficult to grasp. This class will shine the light of thoughtful examination on: different theories of law and jurisprudence; the difference between legal rules and ethical norms; the rights of citizens and the state; the legality of civil disobedience; the need for liberty and the limits of law; the ideal form of judicial reasoning; and theories of punishment.

PHI 397 Internship

1–3 credits

Prerequisite: PHI 130 or PHI 132

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

PHI 404 Special Topics

1–3 credits

Prerequisite: PHI 130 or PHI 132

An examination of special areas or problems in philosophy not specifically dealt with in other courses. Examples would be philosophy in literature, philosophy of history, evolutionary-process philosophy, personalism, and philosophy of environment.

PHI 414 Independent Study

1–3 credits

Prerequisites: Permission

A course designed by the student with an instructor's guidance to allow students of superior ability to pursue a topic of interest not available through regular courses.

PHI 425 Seminar in Philosophy

3 credits

Prerequisite: Permission

This course provides a seminar setting for students to do original research and independent writing in philosophy. Students will produce a substantial written work appropriate in length, form, and topic to a capstone course. Students will also gain experience with the format of philosophy conference and philosophy journals. Topics will vary. This course may be taken more than once.

PHI 497 Internship

1–3 credits

Prerequisite: PHI 130 or PHI 132

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

PHS PHYSICAL SCIENCE

PHS 100 Introduction to Physical Science

3 credits

A general introduction to the basic principles of chemistry and physics and their application in contemporary society.

PHS 102 Introduction to Physical Science and Lab

4 credits

A general introduction to the basic principles of chemistry and physics and their application in contemporary society. The course, for non-science and non-nursing majors, includes a laboratory experience with experiments designed to assist the student in understanding the concepts discussed in lecture.

PHS 108 Earth Science and Lab

4 credits

An introduction to the physical nature and processes of the earth, along with the chemical bases for them. Dynamic processes of landscape formation and change as shaped by the forces of plate tectonics, weather and ground and surface water will be studied. Planetary geology will be introduced. The laboratories will complement lectures with both indoor study and field trips to study local examples.

PHS 110 Introduction to Meteorology and Lab

4 credits

A course in the basics of meteorology in which students study the atmosphere and its physical processes, including large-scale climatological and local weather phenomena and their impact on society, and on other aspects of ecological systems. Measurement of such physical characteristics as temperature, atmospheric pressure, humidity, and wind along with data collection and analysis are included in laboratory exercises. Mathematical problem-solving skills will be emphasized. Professional meteorology and climatology are examined. Unusual and dangerous weather conditions and their causes and effects are studied, and students are introduced to microclimatology.

PHS 111 Introduction to Meteorology

3 credits

(AGS students only)

This course will introduce students to the fundamentals of atmospheric science: basic atmospheric structure and composition; the earth's solar radiation and heat energy budgets; the large-scale circulation of the global atmosphere; evolution of mid-latitude weather systems; severe weather meteorology; hurricane evolution; the earth's climate system, greenhouse effect, and global warming; stratospheric ozone depletion; air pollution; atmospheric moisture content measures; cloud formation and types and atmospheric stability.

PHS 115 Introduction to Astronomy

3 credits

(AGS students only)

This introductory course in astronomy for liberal arts students concisely covers the field of astronomy from our own solar system to the consideration of our universe as a whole. Each class meeting will include hands-on experiments that will make use of planetarium software (included in textbook) and real astronomical data.

PHS 150 Introduction to Physical Science Laboratory

1 credit

Prerequisite: Grade of C or higher in PHS 100

This laboratory is intended for students who are required to take a one-credit physical science laboratory. *(Not available to students who have taken a 4-credit physical science course with a laboratory.)*

PHS 201 General Physics I

4 credits

Prerequisite or Corequisite: MAT 112 or MAT 114 with a grade of C or better, or appropriate math placement test score

A lecture laboratory course that stresses the fundamental principles of mechanics, kinematics, momentum, statics, work, and energy. Students find this general introductory course in physics complements work in the sciences and mathematics.

PHS 202 General Physics II

4 credits

Prerequisite: PHS 201

A continuation of PHS 201 including the principles of wave theory, light and optics, electricity and magnetism, and atoms and radioactivity.

PHS 203 University Physics I

5 credits

Prerequisite or corequisite: MAT 201

This is a lecture and laboratory course which stresses the fundamental principles of mechanics, momentum, work, and energy, rotational motion, and fluid statics and mechanics. The course will use calculus in derivation of the laws of physics as well as in problem-solving.

PHS 204 Special Topics

1–5 credits

A course allowing for instruction in areas not included in the regular physical science curriculum. Topics vary according to the expertise of individual instructors.

PHS 205 University Physics II

5 credits

Prerequisite: PHS 201, permission or PHS 203

This course is a continuation of PHS 203. It will include wave motion, electricity and magnetism, optics, and special relativity.

PHS 211 Elementary Physics

5 credits

Prerequisite: MAT 112 or MAT 114 with a grade of C or better, or appropriate math placement test score

A one-semester lecture and laboratory physics course. Topics addressed include the fundamentals of kinematics, dynamics, statics, oscillation, electromagnetism, and optics.

PHS 404 Special Topics

1–5 credits

A course allowing for instruction in areas not included in the regular physical science curriculum. Topics vary according to the expertise of individual instructors.

POS POLITICAL SCIENCE**POS 205 American Government**

3 credits

An introductory course that studies the nature and purpose of national, state, and local government, the Constitution, and the institutions and pressures of American society.

PSY PSYCHOLOGY

PSY 101 General Psychology

3 credits

An introduction to the science of psychology through a survey of the biological, intra-psychic, and social bases of behavior. Major topics include cognition, sensation and perception, motivation and emotion, personality, behavior disorders, and social elements of behavior.

PSY 105 Human Development

3 credits

A survey of the changes that occur during the entire lifespan as people develop: physical, motor, cognitive, moral, and social-emotional. Developmental theory and research data are critically considered. Application of existing knowledge about the variables that affect the course of development is emphasized.

PSY 202 Social Psychology

3 credits

Prerequisite: PSY 101 or PSY 105

An investigation of the influences of social factors on individual behavior, the role of social cognition when people interact, interpersonal and group dynamics, and application of social-psychological research data to various situations.

PSY 204 Special Topics

1–3 credits

A course allowing for instruction in areas not included in the regular psychology curriculum.

PSY 210 Statistical Techniques for Research Data Analysis

3 credits

Prerequisite: Appropriate math placement test score or MAT 001 with grade of C or higher

An interdisciplinary introduction to the basic principles of data analysis with an emphasis on application. Students are expected to apply these principles to data analysis in their respective areas of study. The applied focus is on the computerized application of summary statistics, one/two/multi-sample tests, linear models, association tests, randomness/normality tests, time series comparison, quality control charts and probability distributions as used across a variety of community and organizational settings. Other techniques may be added as appropriate for specific disciplines.

PSY 211 Abnormal Psychology

3 credits

Prerequisite: PSY 101 or PSY 105

This course explores the major types of psychopathology to include anxiety disorders, personality disorders, mood disorders, schizophrenia, organic brain disorders, substance-related disorders, somatoform disorders, dissociative

disorders, eating disorders, sleeping disorders, mental retardation, adjustment disorders, sexual and gender identity disorders, impulse control disorders and delirium, dementia and amnesic disorders. Emphasis is given to the issues surrounding classification, etiology, and treatment.

PSY 222 Human Sexuality

3 credits

Prerequisite: PSY 101 or PSY 105

A consideration of the physical, cultural, and intrapersonal aspects of sexuality in light of how they affect the growth and occurrence of sexual behavior. The conceptual core of this course is the idea that human sexual behavior follows the same rules and is directed to many of the same ends as other human behavior.

PSY 301 Drugs and Behavior

3 credits

Prerequisite: PSY 101 or PSY 105

An examination of the relationship between brain chemistry and behavior. Special attention is paid to drug use/abuse and the application of drugs to the treatment of psychological disorders.

PSY 302 Introduction to Clinical Counseling

3 credits

Prerequisites: PSY 101 or PSY 105, and PSY 308

A survey course designed to acquaint the student with the general principles of psychological counseling and psychotherapy. In addition, examples of counseling approaches from the psychodynamic, behavior and learning, cognitive, humanistic, and selected recent models are discussed. A brief introduction to group counseling, family therapy, and crisis intervention is also included.

PSY 308 Theories of Personality

3 credits

Prerequisites: PSY 101, PSY 105

A survey of major theories of personality functioning, covering such areas as the nature, determinants, development, structure, motivational bases, and dynamic operations of the human personality. Examples of theories from the following areas are treated: psychodynamic, behavior and learning, cognitive, humanistic-phenomenological, trait, and Eastern. Each theory is critically analyzed in terms of its assumptions, logical cohesiveness, research support, and applications.

PSY 311 History and Systems of Psychology

3 credits

Prerequisite: PSY 101 or PSY 105

A survey of development of modern psychology from its physiological and philosophical roots to the present status of various contemporary theories and systems.

PSY 314 Positive Psychology

3 credits

Prerequisite: PSY 101 or PSY 105

Positive psychology focuses on the strengths within the individual versus the more traditional focus of pathology. A comparison between past psychological theories and this more contemporary theory of psychology will be explored. The course will teach students how to evaluate, understand, and how to identify strengths within themselves and others. Additionally this course will offer the opportunity to learn how to utilize these identified strengths in order to reach greater levels of happiness, accomplishment and satisfaction.

PSY 321 Applied Behavior Modification

3 credits

Prerequisite: PSY 101 or PSY 105

A focus on practical techniques derived from theory and research in learning. Emphasis is on assessment, intervention, and evaluation in both clinical and non-clinical settings.

PSY 322 Childhood Psychopathology

3 credits

Prerequisite: PSY 101 or PSY 105

A survey of a broad range of psychopathological disorders which can affect children and adolescents. Attention is given to description, assessment, and theoretical and empirical explanations for and treatment of the disorders.

PSY 330 Forensic Psychology

3 credits

Prerequisite: PSY 101 or PSY 105

Focuses on the production and application of psychological knowledge and research findings to both civil and the criminal justice systems. Topics include competency evaluations of criminal defendants and of the elderly, screening/selection of law enforcement applicants, the delivery and evaluation of intervention and treatment programs for juvenile and adult offenders, police and investigative psychology, and psychopathy.

PSY 331 Neuroscience

3 credits

Prerequisites: PSY 101 or PSY 105 and BIO 100 or BIO 101

An examination of the data and theories which help us to understand the connections between our bodies and our actions. The anatomical, physiological, and chemical correlates of a wide range of human activities, from simple reflexes to complex decision making and thinking, is examined. The issue of brain damage and recovery from it is also considered.

PSY 340 Field Experience

1–3 credits

*(Psychology majors only)**Prerequisites: PSY 101, PSY 105, Permission*

Exposure to the realities of work through experiences in settings where psychological services are being provided. *(Repeatable for up to 6 credits)*

PSY 341 Cognitive Psychology

3 credits

This course examines the underlying basis for human skills in learning, perception, attention and memory, language, problem solving, and decision-making. The focus is on current knowledge about the processes, structures, and mechanisms that contribute to human cognition. Some application of this knowledge to fields such as law, education, and clinical psychology will be included.

PSY 342 Research Methods

3 credits

Prerequisite: SWK 210

This course presents the basic principles and methods of social science research. Students are introduced to techniques for critical analysis of the professional practice literature and how, as consumers, they can incorporate research findings in practice. Students also acquire knowledge and skills for applying research in their practice. Similarities between the research and problem-solving processes are identified, beginning with conceptualization of the research question, followed by determination of the appropriate design and methodology, and concluding with qualitative and quantitative data analysis and presentation of findings. Professional values and ethics, as well as sensitivity to human diversity, are subsumed within the conduct of research.

PSY 360 Practicum in Research I

1–3 credits

(Also CRJ 360)

Prerequisite: Permission

Introduction to the practice of developing research skills in the major. Perform, under supervision, various tasks associated with the research process. Tasks may include collection of data, development materials, literature searches, data analysis, report preparation, or other activities.

PSY 362 Practicum in Research II

1–3 credits

(Also CRJ 362)

Prerequisites: PSY 360, Permission

A continuation of PSY 360, a further practice of developing research skills in the major will be explored. Perform, under supervision, various tasks associated with the research process. Tasks may include collection of data, development materials, literature searches, data analysis, report preparation, or other activities.

PSY 397 Internship

1–3 credits

Planned and supervised work experience in psychology. A faculty mentor supervises the experience and evaluates fulfillment of the planned objectives. Internships are unpaid experiences.

PSY 402 Senior Seminar in Psychology

3 credits

(Psychology majors only)

A forum for discussion for graduating seniors. Completion of a project that demonstrates the student's ability to integrate and apply acquired knowledge in psychology is required.

PSY 404 Special Topics

3 credits

Prerequisite: PSY 101 or PSY 105

Discussion of modern theory and research in psychology as applied to general and specific areas of study. A subtitle indicating the specific subject is added each time the course is offered.

PSY 411 Preparation for Research

1 credit

Prerequisites: PSY 101 or PSY 105, PSY 342, SWK 210

Identification of an issue, performance of a literature search, and statement of a research question or hypothesis. Development of a research study to test the idea, including working out the required methodological aspects.

PSY 412 Data Collection and Report Preparation

2 credits

Prerequisite: PSY 411

Implementation of the research study, collection of the data, and analysis of it. Writing a complete report of the research, with appropriate conclusions.

PSY 414 Independent Study

3 credits

Prerequisite: Permission

A course designed by the student with an instructor's guidance to allow students of superior ability to pursue a topic of interest not available through regular courses.

PSY 497 Internship

1–3 credits

Planned and supervised work experience in psychology. A faculty mentor supervises the experience and evaluates fulfillment of the planned objectives. Internships are unpaid experiences.

RAD RADIOLOGIC TECHNOLOGY**RAD 301 Fundamentals of Radiologic Science and Health Care**

0 credits

*Prerequisite: BIO 220**(Admission to the major)*

This course provides an introduction and orientation to the student's selected profession of medical imaging. ("0" credit receives CR/NC grade)

RAD 311 Patient Care in the Radiologic Sciences

3 credits

*Prerequisite: PHI 220, PHS 211, RAD 301**Corequisite: RAD 312, RAD 313, RAD 314*

This course provides the student with concepts of patient care including considerations of physical and psychological conditions. Routine and emergency patient care procedures will be described; especially those that directly affect personnel and patients in the Radiology Department concerning X-ray procedures. Pharmacologic issues related to Radiology will also be discussed.

RAD 312 Principles of Radiographic Imaging

4 credits

*Prerequisite: MAT 114, RAD 301**Corequisite: RAD 311, RAD 313, RAD 314*

This course is intended to provide the student with an in-depth understanding of all photographic and geometric principles that affect the production and appearance of the radiographic image. This includes but is not limited to: determination of radiographic image quality, image geometry, exposure technique selection and methods of scatter radiation control.

RAD 313 Radiographic Procedures and Image Analysis I

4 credits

*Prerequisite: BIO 205, BIO 220, RAD 301**Corequisite: RAD 311, RAD 312, RAD 314*

This course provides students fundamental knowledge of the purpose and function of the most common systems (thorax, abdomen, and upper extremities) for which radiographic imaging is done and how they relate to other systems. Radiographic examinations which best demonstrate each system will also be discussed. Laboratory exercises in positioning are carefully correlated with the study of each section. As each system is reviewed radiographic imaging analysis is addressed providing students with the knowledge to determine the diagnostic quality of radiographs and methods to improve the quality of radiographic images.

RAD 314 Radiographic Practicum I

1 credit

*Prerequisite: RAD 301**Corequisite: RAD 311, RAD 312, RAD 313*

RAD 314 is the first of an eight part series of practicum courses. This course begins with providing the student with exposure to the radiology department in the hospital setting. Under direct supervision, the student will experience patient interaction by participating in the transportation and care of patients. Assigned clinical rotations will include diagnostic radiographic rooms, fluoroscopic rooms and portable radiographic examinations on the patient floors. Under the direct supervision of a registered radiologic technologist, the student will perform radiographic imaging of the anatomical units that was instructed during the Radiographic Procedures and Image Analysis I course. The student will be instructed on the ancillary activities that are necessary for the successful

completion of a medical imaging examination. (CR/NC grade only)

RAD 321 Radiologic Practicum II

1 credit

Prerequisite: RAD 311, RAD 312, RAD 313, RAD 314

RAD 321 is the second of an eight part series of practicum courses. The student will progress in the performance of previously instructed radiographic examinations from direct supervision to indirect supervision. At the conclusion of the course the student will be required to pass the progression requirement examination. (CR/NC grade only)

RAD 331 Principles of Radiation Protection and Radiobiology

3 credits

Prerequisite: CHE 103, RAD 321

Corequisite: RAD 332, RAD 333, RAD 334

This course is designed to provide the student with the techniques and methods that can be utilized in order to ensure minimum radiation exposure to patients and occupationally exposed personnel. The principles of ALARA (As Low As Reasonably Achievable) will be stressed in regards to non-occupationally and occupationally exposed individuals.

RAD 332 Principles of Radiologic Physics

3 credits

Prerequisite: RAD 321

Corequisite: RAD 331, RAD 333, RAD 334

This course will provide the student with a review of basic physics and introduction of advanced physics concepts related to medical imaging.

RAD 333 Radiographic Procedures and Image Analysis II

4 credits

Prerequisite: RAD 321

Corequisite: RAD 331, RAD 332, RAD 334

This course is a continuation of Radiographic Procedures and Image Analysis I and provides students with the knowledge of the purpose and function of the vertebral column and the lower extremity. Detailed and precise information concerning radiographic positioning is addressed. Laboratory exercises in positioning are carefully correlated with the study of each body system. As each system is reviewed radiographic imaging analysis is addressed providing students with the knowledge to determine the diagnostic quality of radiographs and methods to improve the quality of radiographic images.

RAD 334 Radiographic Practicum III

2 credits

Prerequisite: RAD 321

Corequisite: RAD 331, RAD 332, RAD 333

RAD 334 is the third of an eight part series of practicum courses. The student will continue to gain clinical experience in the hospital setting including the addition of clinical rotations at various clinical sites including the Surgery Department. Under the direct supervision of a registered

radiologic technologist, the student will perform radiographic imaging of the anatomical units that was instructed during the Radiographic Procedures and Image Analysis II course. The student will continue to progress in the performance of previously instructed radiographic examinations from direct supervision to indirect supervision. The student will be able to increase his/her clinical experience by increased participation in non-routine radiographic exams. (CR/NC grade only)

RAD 375 Radiologic Technology Clinical I

6 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved radiologic technology clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in radiologic technology required for the BSRT. (CR/NC grade only)

RAD 380 Radiologic Technology Clinical II

12 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved radiologic technology clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in radiologic technology required for the BSRT. (CR/NC grade only)

RAD 390 Radiologic Technology Clinical III

12 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved radiologic technology clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in radiologic technology required for the BSRT. (CR/NC grade only)

RAD 395 Radiologic Technology Clinical IV

6 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved radiologic technology clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in radiologic technology required for the BSRT. (CR/NC grade only)

RAD 400 Radiologic Technology Clinical V

12 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved radiologic technology clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in radiologic technology required for the BSRT. (CR/NC grade only)

RAD 410 Radiologic Technology Clinical VI

12 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved radiologic technology clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in radiologic technology required for the BSRT. (CR/NC grade only)

RAD 415 Radiologic Technology Clinical VII

6 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved radiologic technology clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in radiologic technology required for the BSRT. (CR/NC grade only)

RAD 420 Radiologic Technology Clinical VIII

15 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved radiologic technology clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in radiologic technology required for the BSRT. (CR/NC grade only)

RAD 430 Radiologic Technology Clinical IX

15 credits

Prerequisite: Permission

This course will be taken by students enrolled in an approved radiologic technology clinical program. Successful progress in the clinical program will be indicated by submission of transcripts or of verification in writing by the clinical program director. These credits will be part of the 60-credit professional training in radiologic technology required for the BSRT. (CR/NC grade only)

RAD 441 Radiographic Procedures and Image Analysis III

3 credits

*Prerequisite: RAD 331, RAD 332, RAD 333, RAD 334**Corequisite: RAD 442*

This course is a continuation of Radiographic Procedures and Image Analysis II and provides students with the knowledge related to exams which use radiographic contrast agents in fluoroscopic radiography. Detailed and precise information concerning radiographic positioning used during fluoroscopic exams is addressed. Laboratory exercises in positioning are carefully correlated with the study of each body system. As each system is reviewed radiographic imaging analysis is addressed providing students with the knowledge to determine the diagnostic quality of radiographs and methods to improve the quality of radiographic images.

RAD 442 Radiologic Practicum IV

3 credits

*Prerequisite: RAD 331, RAD 332, RAD 333, RAD 334**Corequisite: RAD 441*

RAD 442 is the fourth of an eight part series of practicum courses. The student will continue to gain clinical experience in the hospital setting, clinical rotations at various clinical sites, and the Surgery Department. Under the direct supervision of a registered radiologic technologist, the student will perform radiographic imaging of the anatomical units that was instructed during the Radiographic Procedures and Image Analysis III course. The student will continue to progress in the performance of previously instructed radiographic examinations from direct supervision to indirect supervision. The student will be able to increase his/her clinical experience by increased participation in non-routine radiographic exams. At the conclusion of the course the student will be required to pass the progression requirement examination. (CR/NC grade only)

RAD 451 Principles of Specialized Radiographic Modalities and Pharmacology

4 credits

*Prerequisite: RAD 441, RAD 442**Corequisite: RAD 452, RAD 453*

This course introduces the student to fundamental principles of digital imaging. Computer concepts and terminology will be incorporated throughout the course. This course expands the student's knowledge of anatomy through review of cross sectional anatomy images obtained through Computed Tomography (CT) and Magnetic Resonance Imaging (MRI). The course will also provide the students with a fundamental background in pharmacology including the instruction and demonstration of competency in venipuncture.

RAD 452 Radiographic Procedures and Image Analysis IV

6 credits

*Prerequisite: RAD 441, RAD 442**Corequisite: RAD 451, RAD 453*

In this course students will be presented with the anatomy and

radiographic terminology of the skeletal cranium. Detailed and precise information concerning radiographic positioning is demonstrated. Laboratory exercises in positioning are carefully correlated with the study of the skull, facial bones, and paranasal sinuses. As each component of the skull is reviewed radiographic imaging analysis is addressed providing students with the knowledge to determine the diagnostic quality of radiographs and methods to improve the quality of radiographic images.

RAD 453 Radiographic Practicum V

2 credits

Prerequisite: RAD 441, RAD 442

Corequisite: RAD 451, RAD 452

RAD 453 is the fifth of an eight part series of practicum courses. The student will continue to gain clinical experience in the hospital setting, clinical rotations at various clinical sites, and the Surgery Department. Under the direct supervision of a registered radiologic technologist, the student will perform radiographic imaging of the anatomical units that was instructed during the Radiographic Procedures and Image Analysis IV course. The student will continue to progress in the performance of previously instructed radiographic examinations from direct supervision to indirect supervision. During this course, the student will participate in assigned clinical rotations during the second shift at one of the hospitals. Students will be assigned clinical rotations in the Computed Tomography Department (CT) while under direct supervision. The student will continue to increase his/her clinical experience by increased participation in non-routine radiographic exams. At the conclusion of the course the student will be required to pass the progression requirement examination. (CR/NC grade only)

RAD 461 Radiologic Practicum VI

1 credit

Prerequisite: RAD 451, RAD 452, RAD 453

RAD 461 is the sixth of an eight part series of practicum courses. The student will continue to gain clinical experience in the hospital setting, clinical rotations at various clinical sites, Surgery Department, second shifts and Computed Tomography Department. The student will continue to progress in the performance of previously instructed radiographic examinations from direct supervision to indirect supervision of routine and non-routine examinations. At the conclusion of the course the student will be required to pass the progression requirement examination. (CR/NC grade only)

RAD 471 Radiologic Pathophysiology

3 credits

Prerequisite: RAD 461

Corequisite: RAD 472, RAD 473, RAD 474

This course is designed to provide the student with the knowledge of various pathological conditions that can be diagnosed by the use of medical imaging including identifying these conditions on an image. The basic components of

pathophysiology and pathology related to the following systems of the body will be discussed: Skeletal, Respiratory, Digestive, Genitourinary, Nervous and Cardiovascular.

RAD 472 Ethics and Law in Radiologic Sciences

1 credit

Prerequisite: RAD 461

Corequisite: RAD 471, RAD 473, RAD 474

This course will provide the student with professional standards and ethics necessary in the radiologic technology field. The legal, moral and professional ethics of radiology will be discussed so that the student will be able to recognize the needs of the patient, demonstrate empathy, and recognize the need of adherence to legal-ethical principles.

RAD 473 Imaging Equipment and Quality Control

2 credits

Prerequisite: RAD 461

Corequisite: RAD 471, RAD 472, RAD 474

This course provides a review of foundational information on the principles of x-ray generation including the various components, circuitry and physics necessary for the production of ionizing radiation. The various components of the fluoroscopic imaging chain including a review of radiation protection measures will be introduced. This course also provides foundational information on the requirements and standards for equipment monitoring to assure consistency that is necessary for the production of quality radiographic images will be described. Various tests and procedures necessary for Quality Control and Quality Assurance programs including state and federal requirements will be discussed.

RAD 474 Radiologic Practicum VII

1 credit

Prerequisite: RAD 461

Corequisite: RAD 471, RAD 472, RAD 473

RAD 474 is the seventh of an eight part series of practicum courses. The student will continue to gain clinical experience in the hospital setting, clinical rotations at various clinical sites, Surgery Department, second shifts and Computed Tomography Department. Additionally, students will be assigned observational clinical rotations in the Magnetic Resonance Imaging (MRI) and Interventional Radiology and Cardiology Departments. The student will continue to progress in the performance of previously instructed radiographic examinations from direct supervision to indirect supervision of routine and non routine examinations. (CR/NC grade only)

RAD 475 Radiologic Practicum VIII

1 credit

Prerequisite: RAD 474

Corequisite: RAD 476

RAD 475 is the final course of an eight part series of practicum courses. The student will be allotted two weeks of elective scheduling of clinical rotations. This will provide the student the opportunity to observe various modalities that they have

not experienced in previous Radiologic Practicum courses. The student may also elect to schedule additional clinical rotations that they have previously been assigned to for more experience. The student will continue to gain clinical experience in the hospital setting, clinical rotations at various clinical sites, Surgery Department, second shifts, Computed Tomography Department, Magnetic Resonance Imaging (MRI) and Interventional Radiology and Cardiology Departments. The student will continue to progress in the performance of previously instructed radiographic examinations from direct supervision to indirect supervision of routine and non-routine examinations. (CR/NC grade only)

RAD 476 Senior Capstone

4 credits

Prerequisite: RAD 474

Corequisite: RAD 475

This course provides students with the skills to be successful on the American Registry of Radiologic Technologists (ARRT) examination and skills to prepare them to secure a radiologic technologist position. Students' knowledge base in Radiologic Technology will be assessed with areas for improvement identified and strategies developed in order to improve performance. Students will participate in an extensive review of material and will be provided resources to create professional resumes and interview skills. During this course the students will attend the Wisconsin Association of Educators in Radiologic Technology (WAERT) Student Seminar where they will have the opportunity to assess their preparedness by participating in a mock registry exam.

SDM SELF-DESIGNED MAJOR

SDM 425 Senior Project

1 credit

Under the direction of a faculty advisor, the student will develop and present a final paper, project, or performance that assimilates and integrates the disciplines studied in the student's self-designed major.

SEC MIDDLE-SECONDARY EDUCATION

SEC 310 Academic Literacy

3 credits

Exploration of theoretical reading foundations and current best practices to develop understanding of literacy in the content areas. Emphasis is placed on motivation, cognition, memory, and verbal processing as applied to reading methodology. Students will develop and implement lessons integrating reading strategies in content areas, assess results, and use data to design subsequent reading interventions.

SEC 410 English/Language Arts Curriculum and Methods

3 credits

A course designed to help the student to acquire the understanding and skills necessary to become an effective teacher of English at the middle and secondary level. The course stresses practical approaches and principles that may be applied during the student teaching experience. Topics include planning, teaching methods, classroom management, evaluation, grading, and curricular trends.

SEC 420 Social Studies Curriculum and Methods

3 credits

Designed to assist aspirant social studies teachers in establishing curricular objectives, planning for instruction, evaluating learning in the social studies area, incorporating a variety of strategies and approaches in social studies education, and promoting a sense of professionalism in the content area. Aspirant social studies teachers interact with area practitioners, make site visits, and engage in other appropriate activities.

SEC 430 Science Curriculum and Methods

3 credits

A course in writing objectives, building curriculum models, selecting evaluation procedures, studying existing educational systems, comparing various instructional materials and programs, and observing the developmental levels of learning. Emphasis is placed on the application of inquiry in the exercise of scientific method, enabling the student to relate the processes of goal setting, planning, evaluation, and decision making to each investigation.

SEC 440 Mathematics Curriculum and Methods

3 credits

A study of the goals and objectives of mathematics education in the middle and secondary school; the current trends in curriculum, instruction, assessment and evaluation; and the methods and materials used in teaching mathematics.

SEC 450 Clinical Practice and Seminar – Secondary – Grades 9–12

1–12 credits

A supervised teaching experience at the secondary level that provides an opportunity for practical application of educational theory and research. The seminar is designed for students to reflect upon and analyze teaching experiences and discuss relevant issues such as ethics, communication, and classroom management.

SEC 455 Clinical Practice and Seminar – Middle Level – Grades 5–8

1–6 credits

(Middle-secondary education majors only)

A supervised teaching experience at the middle level that provides an opportunity for practical application of educational theory and research. The seminar is designed for students to reflect upon and analyze teaching experiences and discuss

relevant issues such as ethics, communication, and classroom management.

SOC SOCIOLOGY

SOC 100 Introduction to Sociology

3 credits

An introductory course to familiarize students with the field of sociology and the scientific study of human society. Includes study of culture, socialization, status and role, small groups, collective behavior, race, social class, social change, and the basic social institutions. Emphasis is given to key sociological perspectives: functionalism, conflict theory, and symbolic interactionism.

SPA SPANISH

SPA 101 Elementary Spanish I

3 credits

An introduction to the fundamentals of comprehending, speaking, reading, and writing Spanish. The course provides, at the same time, the cultural background of the Hispanic world.

SPA 102 Elementary Spanish II

3 credits

Prerequisite: SPA 101 or appropriate Spanish placement test score

A continuation of SPA 101. This course continues to develop the basic skills of comprehending, speaking, reading, and writing in Spanish by providing live and meaningful situations with the cultural background of the Hispanic world.

SPA 201 Intermediate Spanish I

3 credits

Prerequisite: SPA 102 or appropriate Spanish placement test score

A continued development of competence in the intermediate language skills through intensified usage of grammar with practice in conversational role-playing, using topics of general and current interest of the Spanish-speaking world.

SPA 202 Intermediate Spanish II

3 credits

Prerequisite: SPA 201 or appropriate Spanish placement test score

A continuation of SPA 201, this course concludes intermediate Spanish grammar with special practice in reading, introducing short stories concerning topics of general and current interest of the Spanish-speaking world.

SPA 204 Special Topics

1–3 credits

Prerequisite: SPA 102 or appropriate Spanish placement test score

Intermediate level study of a literary, cultural, or linguistic topic or career-related application.

SPA 220 Salud Hispana: Spanish for Health Care

3 credits

Prerequisite: SPA 102

This course provides students with the opportunity to develop intermediate-level communication skills in Spanish for use in health care fields. It examines cultural, linguistic, and medical issues to enhance their cultural competence in working with Spanish-speaking peoples in the United States. Students practice grammar and vocabulary useful for interacting with Latinos in hospitals, clinics, or counseling sessions.

SPA 222 Latino Patient

3 credits

Prerequisite: SPA 201 or SPA 220

A second course in the series of Intermediate Spanish for health care, this course provides students with the opportunity to further refine intermediate-level communication skills in Spanish for use in health care fields. Through role plays, extended audio and video interactions, and research projects students develop oral proficiency, control of grammar, and cultural awareness essential for working with Latino patients in the United States.

SPA 311 Advanced Spanish Grammar

3 credits

Prerequisite: SPA 202 or appropriate Spanish placement test score

An intensive review of all major structures of the Spanish language with emphases on focused written and aural/oral practice as well as the clarification of words often mistranslated from English into Spanish.

SPA 312 Advanced Composition and Conversation in Spanish

3 credits

Prerequisite: SPA 202 or appropriate Spanish placement test score

The principles of expository and creative writing in Spanish through the study of models and a guided exploration of the students' own writing process. Students model their conversational gambits and writing skills on samples of five types of composition: description, narration, reporting, persuasion, and thesis development.

SPA 320 Hispanic Experience in the United States

3 credits

Exploration of the contemporary writings of Hispanic Americans that provide insight into the history, socio-political, and literary roots of cultural identity in the U.S. Texts are representative of various genres in Spanish and English and illuminate the diverse ethnic and cultural components of Hispanic communities in different regions of the U.S. Texts are in English. This course is taught in English. *(This course may be applied toward the requirement of 12 credits of study of foreign language for the Bachelor of Arts degree.)*

SPA 322 To Be a Woman in Latin America

3 credits

A literature course surveying the construction of gender in Latin America from pre-colonial times, through 300 years of colonization and into the 21st century. A variety of texts including novels, poetry, diaries, nonfiction essays and several videos will explore topics such as the myths of machismo and marianismo, the politics of women's speaking and writing, women's activism for social justice, human rights, and to expand the literary canon. This course is taught in English. *(This course may be applied toward the requirement of 12 credits of study of foreign language for the Bachelor of Arts degree.)*

SPA 324 Truth and Memory in Latin America

3 credits

The advanced study of critical fictions and testimonial texts to explore how art as activism in Latin America challenges the literary canon and restores the people's historical memory during periods of enforced forgetfulness. This course is taught in English. *(This course may be applied toward the requirement of 12 credits of study of foreign language for the Bachelor of Arts degree.)*

SPA 390 Spanish Immersion Practicum and Seminar

1–3 credits

Prerequisite: SPA 202 or appropriate Spanish placement test score

Four- to six-week immersion language experience in approved program abroad. Course includes a preliminary seminar and final proficiency evaluation by staff of the foreign language department. Students will be required to attend all phases of the program, speak only target language during the immersion experience, and present a program to the Marian University community upon return.

SPA 397 Internship

1–3 credits

Prerequisite: Permission

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

SPA 401 Introduction to Literary Studies in Spanish

3 credits

Prerequisite: SPA 202 or appropriate placement test score

Introduction to the study of advanced literature and literary analysis of the works of some principal writers of Spain and Latin America in the context of historical periods and their literary movements, past and present.

SPA 402 Hispanic Literature of Social Conscience

3 credits

Prerequisite: SPA 202 or appropriate placement test score

Literary and socio-cultural analysis of a variety of works of

literature in Spanish that examine issues such as human rights, construction of gender, cultural identity, social class, civil war, religion, displacement, land tenure, economic inequality, and political power.

SPA 404 Special Topics

3 credits

Prerequisite: SPA 202 or appropriate Spanish placement test score

Advanced level study of a literary, cultural, or linguistic topic, or career-related application.

SPA 413 Twentieth Century Hispanic Literature

3 credits

Prerequisite: SPA 202

Socio-historical and literary foundations of contemporary literature in Spain and Latin America. This course examines the unique aspects of socio-political reality as well as modernism, realism, and regionalism as the foundation for various post-modernist genres in Spanish.

SPA 414 Independent Study

1–3 credits

Prerequisite: SPA 202, Permission

A course designed by the student with an instructor's guidance to allow students of superior ability to pursue a topic of interest not available through regular courses.

SPA 497 Internship

1–3 credits

Prerequisite: Permission

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. These experiences ultimately serve to directly tie students' academic coursework to non-academic professional experiences.

SPE SPECIAL EDUCATION**SPE 334/634 Diagnosis and Assessment of Students with Disabilities**

3 credits

This course focuses on the diagnosis and evaluation of students with disabilities such as Specific Learning Disabilities (SLD), Cognitive Disabilities (CD), Emotional and Behavior Disorders (EBD), Other Health Impairments (OHI) and other disability areas using a variety of developmentally appropriate assessments, including Response to Intervention (RtI). Candidates will analyze evaluation data to make informed decisions about student progress and learn to apply RtI strategies to target instructional interventions to student's areas of specific need. Specific consideration is given to the reporting of assessment information to parents, teachers and other support personnel to determine appropriate placement levels within the continuum of services.

SPE 374/674 Learning with Technology: Effective Strategies for Students with Disabilities

3 credits

Students will develop the knowledge and skills to support learners with disabilities, including Specific Learning Disabilities (SLD), Cognitive Disabilities (CD), Emotional and Behavior Disorders (EBD), Other Health Impairments (OHI) and other disability areas using technology. Students will investigate the latest issues regarding implementation of assistive technology and other learning tools within the curriculum. The latest software applications from low to high tech will be explored.

SPE 421/621 Reading Instruction for Students with Disabilities

3 credits

(Minimum of 2 courses or six college credits in teaching of reading/literacy or SPE 604 Reading Foundations for Special Education)

This course focuses on the complex factors that shape reading competence and reading instruction for students with disabilities. Candidates will learn a wide range of comprehensive, research-based strategies and methods for the instruction of reading. Emphasis will also be placed on assessment strategies and professional resources available to assist the teacher in providing appropriate intervention for students with modification needs for individualizing instruction students with Specific Learning Disabilities (SLD), Cognitive Disabilities (CD), Emotional and Behavior Disorders (EBD), Other Health Impairments (OHI) and other disability areas.

SPE 426/626 Curriculum and Instruction for Students with Disabilities

3 credits

This course engages candidates in the knowledge, skills, and competencies necessary for curriculum development and adaptation as it relates to students with disabilities in the general education curriculum. The candidate will learn research-based strategies for planning, implementing and evaluating effective instructional programs for an inclusive curriculum that emphasizes the strengths but accommodates the unique needs of all children in the classroom. The focus will be on a cross-categorical approach to service delivery where students are grouped according to their instructional needs rather than their disability labels.

SPE 430 Clinical Practice and Seminar – Elementary – Grades 1–8

1–12 credits

A supervised teaching experience at the elementary/middle school level that provides an opportunity for practical application of educational theory and research. The seminar is designed for students to reflect upon and analyze teaching experiences and discuss relevant issues such as ethics, communication and classroom management.

SPE 450 Clinical Practice and Seminar – Minor

3–6 credits

A supervised teaching experience in an academic content area at the middle level that provides an opportunity for practical application of educational theory and research. The seminar is designed for students to reflect upon and analyze teaching experiences and discuss relevant issues such as ethics, communication and classroom management.

SRM SPORT AND RECREATION MANAGEMENT**SRM 201 Introduction to Sport and Recreation Management**

3 credits

An introductory course examining the historical developments in sport and recreation in the United States; analyzing the interrelationship between sport and the American culture from a social context; and identifying existing employment opportunities in the sport management industry.

SRM 202 Sport and Recreation Programming

3 credits

An overview of the programmatic elements and techniques currently applied in professional, amateur, and recreational sport. Emphasis is placed on participatory sports that will include an examination of informal, intramural, club, fitness, and instructional sport programming; value and benefits of participatory sports; publicity and promotion; facility utilization; and equipment concerns.

SRM 204 Special Topics

1–3 credits

Selected topics are presented in the area of sport and recreation management depending upon the students' interest, the appropriateness of the topic, and the research currently available.

SRM 301 Legal Issues in Sport and Recreation Management

3 credits

Designed to introduce the student to the numerous legal principles and issues involved in the field of sport and recreation management. This course explores tort liability, negligence and product liability. Also examined are constitutional law, labor laws, personal freedoms, due process, and risk management.

SRM 302 Management of Sport and Recreation Facilities

3 credits

Introduction to the principles and practices of design and operation of sport and recreation facilities with emphasis on parks, golf courses, swimming centers, sport complexes, tennis centers, community and commercial enterprises, and athletic fields.

SRM 397 Internship

0 credits

Prerequisites: BUA 203, SRM 201, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit from applying classroom learning to actual job experience. ("0" credit receives CR/NC grade.)

SRM 402 Leadership in Sport and Recreation Management

3 credits

Prerequisites: SRM 201, SRM 202

An overview of the essentials of leadership, also programmatic elements and techniques currently applied in effective leadership. Provide in-depth information in adventure programming. Special focus will be given to technical skills of leadership and will also address the equally important facilitation skills and metaskills essential to highly effective leadership.

SRM 404 Special Topics in Sport and Recreation Management

1–3 credits

Prerequisite: Permission

Selected topics are presented in the area of sport and recreation management depending upon the students' interest, the appropriateness of the topic, and the research currently available.

SRM 414 Independent Study

3 credits

Prerequisite: Permission

A course designed for qualified students interested in pursuing research into topics of significance in sport and recreation management not available through regular courses. The student is expected to read a substantial number of major works in the field and prepare a critical documented paper and/or field project to be contracted between the instructor and student.

SRM 422 Sport and Recreation Marketing

3 credits

Prerequisite: MKT 201

A course to provide a foundation for sport and recreation marketing strategies based on marketing theory and research. Also investigates the sport consumer and segmentation, integration of the marketing mix, marketing principles and practices as they relate to the sport and recreation field.

SRM 497 Internship

1–3 credits

Prerequisites: BUA 203, SRM 201, Permission

A course designed to provide the student with field work

experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit applying classroom learning to actual job experience.

SWK SOCIAL WORK**SWK 101 Introduction to Social Work and Human Services**

3 credits

A general survey course introducing students to social work and human services in contemporary society. Professional knowledge, values, and skills for intervention and the nature of interdisciplinary approaches to complex problems and issues are included. It further explores the special concerns of those most vulnerable and discriminated against. An issue is the professional mandate of social work to join in a concerted effort with other human service professionals to influence the social welfare institution and its social programs to become more responsive to these special populations. Teaching methodology includes interviews with practicing professionals and field trips to a variety of social agency settings.

SWK 111 Interpersonal Skills

3 credits

A general purpose skill development course that enhances assertive behavior, interpersonal communication, problem-solving, and group member skills for effective teamwork in organizational environments. Consideration is given to multicultural variables that influence human relations skills. Teaching methodology includes lecture-discussion and interactive exercises.

SWK 204 Special Topics

1–3 credits

Detailed examination of a current issue or problem in social work.

SWK 210 Statistical Techniques for Research Data Analysis

3 credits

Prerequisite: Appropriate math placement test score or MAT 001 with a grade of C or higher

An interdisciplinary introduction to the basic principles of data analysis with an emphasis on application. Students are expected to apply these principles to data analysis in their respective areas of study. The applied focus is on the computerized application of summary statistics, one-/two-/multi-sample tests, linear models, association tests, randomness/normality tests, and probability distributions, as used across a variety of community and organizational settings. Other techniques may be added as appropriate for specific disciplines.

SWK 301 Human Behavior and the Social Environment

3 credits

Prerequisite: SWK 101

A course incorporating theories derived from the liberal arts base, including physical science, biology, sociology, and political science. An ecological systems framework is used to integrate these various theories in order to develop a comprehensive understanding of person and environment dynamics. This understanding is then used to develop a holistic assessment approach, which is a distinguishing feature of generalist practice. Course emphasis is on the application of this integrated systems framework in the assessment phase of work with individuals, families, and small groups. The course content is linked to other foundation content through its application in the problem-solving process. Teaching methodology includes lecture–discussion and exercises in applied assessment.

SWK 311 Generalist Practice I: Natural Resource Systems

3 credits

*Prerequisite: Admission to the major**Corequisite: SWK 301, SWK 321, and SWK 331*

Teaches a theoretical framework for practice based on three professional assumptions: a regard for human dignity and social justice as fundamental for a democratic society, a recognition of the interconnectedness between person–environment well-being, and the acceptance of holistic problem-solving as optimal for achieving individual and social change. The course focus is on individuals, families, and groups whose concerns may immediately initiate direct services provision on their behalf. These services engage both natural supports and societal resources to favorably influence client well-being. Theoretical content in SWK 301 is conjointly used to implement an ecological social systems approach to assessment, intervention, and evaluation. Teaching methodology incorporates case studies and guest practitioners, as well as lecture–discussion.

SWK 312 Generalist Practice II: Societal Resource Systems

3 credits

*Prerequisite: Admission to the major**Corequisite: SWK 322 and SWK 352*

As an extension of the theoretical framework for generalist practice, the course focus is on societal units (the professional's agency, other community organizations, the social work profession at large, and the social welfare institution) where concerns exist which may initiate indirect services provision. These services engage colleagues, agency constituents and clients, other professionals, community members, and regional or national groups to critically reflect upon and favorably influence the public well-being through changes in social policies, programs, and practices. Theoretical content from SWK 301 is conjointly used to implement an ecological social systems approach to assessment and intervention. Content from SWK 331 and 352 is similarly used to evaluate policy and program at agency, community, state, regional, and national levels and to suggest strategies for intervention.

SWK 321 Skills Laboratory I

3 credits

*Prerequisite: Admission to the major**Corequisite: SWK 301, SWK 311 and SWK 331*

A basic skills development course linked to the theoretical content of the concurrent foundation courses. The course focus is primarily on direct practice skills for working with clients (individuals, families, and groups) to effect changes in their private well-being. Teaching methodology includes modeling, observation, simulation, role-play, structured exercises, use of audio–video and computer equipment, and peer or instructor feedback.

SWK 322 Grant Writing

3 credits

Prerequisite: COM 431 or HOS 342 or MKT 401 or NRS 335 or PSY 342 or SWK 352 or THE 450

A basic skills development course linked to the theoretical content of the concurrent foundation courses. The course focus is on indirect practice skills for working with agency, community, and societal organizations to improve the social well-being for the common good of all through changes in policy, programs, and service delivery. Teaching methodology includes modeling, observation, simulation, role-play, structured exercises, use of audio–video and computer equipment, and peer or instructor feedback.

SWK 331 Policies and Programs

3 credits

Prerequisite: SWK 101

An examination of frameworks for analyzing social welfare policies and programs, and the social worker's role in policy development and implementation. Special emphasis is placed on a policy's differential impact on women, minorities of color or other vulnerable groups who may be discriminated against by age, social class, sexual orientation, geographic location, etc. Selected policies related to income assurance, health, mental health, family–child welfare, and older adults are examined in detail.

SWK 352 Research Methods

3 credits

Prerequisite: SWK 210

This course presents the basic principles and methods of social science research. Students are introduced to techniques for critical analysis of the professional practice literature and how, as consumers, they can incorporate research findings into practice. Students also acquire knowledge and skills for applying research with their social work practice as well as in the area of program evaluation. Students conceptualize research questions, determine appropriate designs and methodologies, and incorporate qualitative and quantitative data analysis. Professional values and ethics, as well as sensitivity to human diversity, are subsumed within the conduct of research.

SWK 360 Practicum in Research I

1–3 credits
(Also CRJ 360)

Prerequisite: Permission

Introduction to the practice of developing research skills in the major. Perform, under supervision, various tasks associated with the research process. Tasks may include collection of data, development materials, literature searches, data analysis, report preparation, or other activities.

SWK 362 Practicum in Research II

1–3 credits
(Also CRJ 362)

Prerequisite: SWK 360, permission

A continuation of SWK 360, a further practice of developing research skills in the major will be explored. Perform, under supervision, various tasks associated with the research process. Tasks may include collection of data, development materials, or other activities.

SWK 404 Special Topics

3 credits

Admission to degree candidacy

This course provides theoretical and/or applied learning opportunities in selected fields of practice along with an emphasis on practice skill enhancement and current practice innovations. These topics reflect the particular competencies and interests of the faculty as well as the considered needs and interests of students. A subtitle indicating the specific subject is added each time the course is offered.

SWK 411 Seminar I

2 credits

Admission to degree candidacy

Corequisite: SWK 497

This course is intended to provide a forum for sharing practice accomplishments and practice issues that have arisen during the field experience. Teaching methodology incorporates a seminar format for the discussion of weekly logs, field learning contract assignments, and other experiential learning. This discussion is directed toward strengthening the integration and refinement of generalist practice knowledge, values and skills. An initial focus is on the expanded range of roles required of generalist practice in the assessment and intervention planning with clients, the agency, and others associated with practice activities.

SWK 412 Seminar II

2 credits

Corequisite: SWK 498

This course provides a continuing forum for sharing practice accomplishments and practice issues which have arisen during the field experience. Teaching methodology incorporates a seminar format for the discussion of weekly logs, field learning contract assignments, and other experiential learning. This discussion is directed toward strengthening the integration and refinement of generalist practice knowledge, values, and skills.

An additional focus is on agency-specific policy analysis, as well as termination and evaluation activities with clients and the service delivery system.

SWK 414 Independent Study

3 credits

Prerequisite: Permission

A student-designed learning experience that is submitted in proposal form to a Social Work faculty member to develop a mutually acceptable independent study plan. This faculty-guided experience allows students of superior ability to pursue a topic of interest not available through regular courses.

SWK 421 Family Intervention

3 credits

Admission to degree candidacy

This course builds upon foundation course knowledge about families as well as prerequisite knowledge and skills in assessment and intervention. The course begins by reviewing issues of diversity in family forms and backgrounds, and significant historical changes in the structure and functions of American families. Students are introduced to a number of different models of family treatment, including structural, psychodynamic, communications/strategic, and crisis models. Assessment, intervention, and evaluation techniques specific to work with families are presented, while at the same time maintaining a holistic perspective that includes the social context of the family and relevant cultural aspects. Guest practitioners are brought in to share their experiences and perspectives about family interventions.

SWK 422 Law and the Helping Professions

3 credits

This course examines the Wisconsin Statutes and Administrative Codes that guide helping professionals in their practice with clientele. Attention is directed toward assisting the helping professional recognize the legal duties and responsibilities within their professional lives. Particular emphasis is placed on the children's code, mental health/developmental disabilities, protective services, care records, mandatory reporting, abuse, domestic violence, and professional conduct.

SWK 497 Social Work Internship I

4 credits

Admission to degree candidacy

Corequisite: SWK 411

The first course in a two-course sequence, the field experience is designed to provide an educationally guided generalist social work experience in an approved community social services agency. It consists of a minimum of 225 clock hours or approximately 16 hours of applied practice per week in the agency. A learning contract is used to focus on learning expectations, applied practice activities, a time frame for their accomplishment, and the suggested means for their evaluation.

SWK 498 Social Work Internship II

4 credits

*Admission to degree candidacy**Prerequisite: SWK 497**Corequisite: SWK 412*

The second course in a two-course sequence, the field internship is designed to provide a continuation of an educationally guided generalist social work experience in the same approved community social services agency. It consists of a minimum of an additional 225 clock hours or approximately 16 hours of applied practice per week in the agency. Use of the learning contract is continued as a means of assuring a generalist approach to practice and a systematic plan for the application of learning.

TEC INFORMATION TECHNOLOGY**TEC 102 Computer Software Applications**

3 credits

This course introduces the basic concepts of computer technology, the use of integrated microcomputer software, and the role of information technology in a wide range of professions. The first half of the course covers basic information on computer components and peripherals, as well as foundation concepts in using the Internet as a research tool, word processing, spreadsheet, and presentation software. The remainder of the course is divided into modules focusing on computer software used in a range of professional endeavors, such as education, publishing, marketing, programming, and graphic arts.

TEC 200 Fundamentals of Information Technology

3 credits

This course introduces information technology systems that support organizational decision-making and problem solving. The course surveys the technical and organizational issues involved in the use and design of information systems and how the application of IT can enable an organization to improve quality, timeliness, and competitive advantage.

TEC 204 Special Topics

3 credits

Prerequisite: TEC 102

This course will address the use and operation of special and timely software technologies for the development of professional skills. This course focuses on the application of the software in addressing specific business processes or functions. Students engage in skills development, identifying appropriate applications, and evaluating the future growth of the software. Students produce a professional quality project using the new software application.

TEC 205 Information Technology Resources

3 credits

Examines the frameworks and tools used to develop an organization's information system architecture. The study of

client/server information systems provides the analytical skills and conceptual frameworks for recommending integration of information technology components into information system architecture.

TEC 210 Data Concepts

3 credits

Prerequisite or corequisite: TEC 200

Focuses on how to design database management systems and how to use database systems effectively. Other course topics of concern include data modeling, physical design, relational and other models, and distributed databases. The use of database management and development software is emphasized in lab exercises.

TEC 212 Computer Programming I

3 credits

Programming in an Algebraic Programming Language, if-then-else, loops, arrays, concepts of machine language, algorithms for searching, sorting and equation-solving. (A college course in math is highly recommended before taking TEC 212.)

TEC 214 Web Design and E-Commerce

3 credits

Prerequisite: TEC 102 or TEC 200

This course focuses on the principles of effective website design and how sound design forms the foundation for successful e-commerce initiatives. It will emphasize the effective use of multimedia in producing attractive and useful websites. This course will also address the overall role of a website, website management and the contribution each web page should make to the web design plan. Relating design decisions to website purpose and commerce principles will be the consistent concentration of this course.

TEC 280 Introduction to Programming and Data Structures

3 credits

This course will introduce fundamental concepts related to the creation of data structures and programming logic in modern information systems. This course will introduce the importance data organization in computer systems; the variety of possible structures used to represent data relationships, how data structures are stored in memory, and the link between the design of data structures and programming algorithms.

TEC 300 Systems Development

3 credits

Prerequisite: TEC 200

The study addresses the principles and tools of information systems analysis and logical design. It enables the evaluation and selection of system development methodology. The course emphasizes the factors for effective communication and integration with users and user systems. Systems development, life cycle standards, object-oriented design, and the use of data modeling tools enhance learning.

TEC 304 Data Communications and Networking

3 credits

Prerequisite: TEC 205

This course provides an in-depth knowledge of principles, structures, and methods for data communications and computer networks. The emphasis is on the analysis and design of networking applications in business. The course aims also at giving practical readiness managing telecommunications networks, cost-benefit analysis, and the evaluation of connectivity. The OSI reference model is used universally to teach and understand network functionality.

TEC 305 Enterprise Computing Applications

3 credits

Prerequisite: TEC 200

The emphasis of this course is developing electronic solutions to business problems in a client/server environment. Learn to determine the enterprise coverage needed to derive maximum value from corporate information through analysis, selection, and implementation of appropriate software packages or hardware/software systems. Students will identify trends, perform sophisticated analysis to develop business models and forecasts to produce reports and to understand the facts behind the trends specific to e-commerce, supply-chain management, electronic resources planning, and electronic digital data.

TEC 310 Database Management

3 credits

Prerequisite: TEC 210

This course continues study from TEC 210. This study focuses on strategic data planning and enterprise modeling using CASE tools. Personal demonstration in the mastery of the design process acquired from earlier courses is expected. The predominant objective of this course is to design and construct a physical system using database software to implement a logical design.

TEC 312 Object Oriented Programming

3 credits

Prerequisites: TEC 212 or TEC 280

A continuation of computer programming focusing on object-oriented techniques in a visual programming environment. This course will build upon a basic knowledge of functional programming and emphasize method design, parameter passing, exception handling, and event-driven programming. Students will create both applets and conventional application programs. Topics will include classes and objects, encapsulation, polymorphism, and inheritance.

TEC 314 E-Business and Digital Technologies

3 credits

Prerequisite: TEC 200

Focuses on the managerial and strategic characteristics of online business initiatives. It covers the different e-business practices and provides an understanding of how successful

companies are taking advantage of e-business, as well as an understanding of the main challenges and risks associated with e-business models and strategies. The course also introduces important elements involved in designing and developing digital products and services including the technological, economic, and change management principles essential to successful digital transformation.

TEC 315 Computer Forensics

3 credits

Prerequisites: TEC 102, TEC 205

Computer forensics is one of the fastest growing segments of IT and law enforcement. This course will provide an introduction to the legal, technological, social, and political issues involved. This class will focus on the fundamentals of computer forensics, principles of electronic evidence and data capture, and computer forensic analysis. This course will also address current issues related to email threats, information warfare, and identity theft.

TEC 397 Internship

0 credits

Prerequisites: BUA 203, TEC 200, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit applying classroom learning to actual job experience. ("0" credit receives CR/NC grade.)

TEC 400 Information Technology and Society

3 credits

Prerequisites: ENG 105, PHI 132

This course addresses materials related to the following themes: privacy issues; intellectual property issues; crime and punishment; risks and reliability; and social, political, and economic issues. It explores the questions raised by emerging new technologies and their potential impact on business, research, and society.

TEC 403 Advanced Computer Applications for Business

3 credits

(Also FIN 403)

Prerequisites: TEC 102 or TEC 200; BUA 210 or MAT 122

This course deals with computer applications in quantitative management decision making at an advanced level. Students will utilize a variety of research tools to locate, analyze and evaluate information. It will investigate the use and application of computer technologies within organizations such as management support systems, decision support systems, and executive information systems. Hands-on application of

front-end software, such as Microsoft Office, will be used to conceptualize, analyze, and develop technological solutions to practical business situations.

TEC 405 Systems Design and Implementation

3 credits

Prerequisite: TEC 300

A project-oriented course continuing and applying the systems analysis and tools from Systems Development. It covers the information systems design and implementation within an integrated information systems environment. Mastery of content requires the design process acquired from a series of database and systems courses by designing and constructing a physical system incorporating integrated technologies.

TEC 450 Senior Technology Seminar

1 credit

The senior seminar is the culmination of the information technology major's experience in the program. The focus of this course will be on developing professionalism and assessing individual strengths and weaknesses. In the seminar, students will engage in literature reviews of the latest emerging technologies; evaluate the current status of technology in such areas as business, health care, and education; and participate in a capstone evaluation. Students will produce a professional quality paper and presentation on a technology-related topic or question of their choice. *(For students with senior standing in final semester.)*

TEC 497 Internship

1–3 credits

Prerequisites: BUA 203, TEC 200, Permission

A course designed to provide the student with field work experience through a work opportunity related to the student's career objective. A learning contract is used to focus expectations, duration of the experience, and means for evaluation. The student will benefit applying classroom learning to actual job experience.

THA THANATOLOGY

THA 205 Dying, Death, and Bereavement

3 credits

Introduction to death, dying, grief and bereavement.

THA 420 Understanding Bereavement

3 credits

Should be taken by students with sophomore status or higher. Examination of bereavement theory and application for individuals and groups.

THA 421 End-of-Life Care

3 credits

Should be taken by students with sophomore status or higher. Examination of the history, theory and practice of hospice and palliative care.

THA 422 Children, Teens, and Death

3 credits

Should be taken by students with sophomore status or higher. Examination of the attitudes & responses of children and teens to death, loss, and grief, in context of human developmental stages.

THA 423 Comprehending Suicide

3 credits

Should be taken by students with sophomore status or higher. Examination of contemporary theories of the causes of suicide, and contemporary approaches to prevention, intervention and post-intervention.

THE THEOLOGY

THE 101 Introduction to Christian Theology

3 credits

An introduction to Christian theology understood as the critical and reflective study of God's revelation through the person, life, and teaching of Jesus Christ and of the implications of this revelation. Proceeding from the Catholic intellectual tradition and incorporating perspectives of other Christian traditions, this study aims to present theology as a striving for the harmony of faith and reason. Through critical study and reflection, students are introduced to specific concepts, terminology, and methodologies needed to participate well in on-going theological dialogue. Students have the opportunity to apply and reflect on their knowledge in written work, presentations, service-learning, community service, and/or retreat experiences.

THE 204 Special Topics

1–3 credits

Prerequisite: THE 101

A treatment of particular theological and/or biblical questions or themes chosen because of their special relevance or student interest.

THE 205 Peacemaking: Multicultural, Interfaith Dimensions

3 credits

Prerequisite: THE 101

An introduction to the basic philosophical, religious, spiritual and practical dimensions of peacemaking, including the theories of peacemaking, the role of various religious traditions in the understanding and development of peace, and the skills needed to foster peace on the personal, interpersonal, and systemic (global) levels. The course requires a service-learning experience. Depending on the service-learning experience, an additional expense may be required.

THE 210 Understanding the Scriptures

3 credits

Prerequisite: THE 101

A basic introduction to reading and understanding the

Bible. The course includes an overview of relevant historical backgrounds, an explanation and application of biblical methodologies, both traditional and contemporary, and an investigation of important biblical themes. Attention is given to the literary, historical, and theological significance and meaning of key scriptural texts.

THE 214 Religious Pluralism

3 credits

Prerequisite: THE 101

What is religious pluralism? How is it understood within the world in general and in the United States in particular? Why does religious pluralism exist? How is it different from religious diversity? This course looks carefully at these questions in light of 21st century experience. The course further looks at how students can commit themselves to forming relationships with and understanding of people who practice different religious traditions. The course is a balance of theory and praxis.

THE 215 The Religious Imagination: Theology and the Arts

3 credits

Prerequisite: THE 101

An analysis of and reflection on the theological and spiritual dimensions of the imagination, the arts and of specific works of art. The course focuses on one or several specific art forms, which can include film, television, literature, music, theatre, performance art, and two- and three-dimensional art (e.g., drawing, painting and sculpture).

THE 216 History in Theology

3 credits

Prerequisite: THE 101

An introduction to the significance of the historical study of the Christian tradition. Major ideas, figures, and movements are viewed through the perspective both of historical-critical methods and of the Christian tradition.

THE 218 World Religions

3 credits

Prerequisite: THE 101

After examining the definition of religion, this course explores the beliefs, moral imperatives, sacred books, and prayer and worship practices of major world religions.

THE 220 Theology of Death

3 credits

Prerequisite: THE 101

A theological exploration of attitudes and perspectives on suffering, death, and resurrection. While the main exploratory focus in this course will be from the Catholic Christian perspective, attention will also be given to cross-cultural conceptions of the afterlife and/or ways of attaining ultimate meaning in the context of death. Specific attention will be given to the experience of terminal illness, the experience of loss and strategies for dealing with loss, ethical issues related to the process of dying in a technological age, suicide and

suicide prevention, and Eastern and Western religious views of life after death.

THE 221 Theology of Love

3 credits

Prerequisite: THE 101

A critical and reflective study of God's role in a relationship with love as it is experienced in marriage, celibacy, sexual encounter, prayer, service to others, ecstatic intellectual experience, worship, and suffering. The basis for this study will be traditional Christian writings, scriptural analysis, and contemporary psychological, sociological, historical, and biological research.

THE 225 Theology of Leadership

3 credits

(Also LDR 225)

Prerequisite: THE 101

Through a variety of resources students use theological reflection to explore their personal spirituality, sense of vocation, and approaches to leadership within the context of their own and other belief systems. Models of leadership are drawn from areas of moral theology and transformational servant leadership.

THE 230 Introduction to Pastoral Ministry

3 credits

Prerequisite: THE 101

An introduction to the theological and biblical foundations of the call to minister to the people of God's Kingdom, the practical dimensions of Christian pastoral ministry, and a contemporary spirituality for ministry through the practice of theological reflection. The mission and ministry of Jesus, the Kingdom of God, the models of church, the historical development of Christian ministry, the contemporary understanding of ministry, and the future direction of church ministries are among the key topics.

THE 303 Topics in Biblical Theology

3 credits

Prerequisite: THE 101

An intensive study of one or several major books or themes of the Bible. Attention is given to a critical examination of significant scriptural texts. The books or themes are viewed through both traditional interpretations and recent critical scholarship.

THE 306 Topics in Catholic Theology

3 credits

Prerequisite: THE 101

A treatment of particular theological questions or themes in Catholic theology chosen because of special relevance or student interest. Course resources will regularly include primary sources from Catholic theologians and church documents.

THE 307 Topics in the History of Theology

3 credits

Prerequisite: THE 101

An intensive study of a particular aspect of the history of theology (e.g. a topic, a figure, a phenomenon, or an historical period or event). Attention is given to the use of critical examination of significant primary texts as an historical and theological source.

THE 309 Topics in Contemporary Theology

3 credits

Prerequisite: THE 101

An intensive study of a particular aspect or manifestation of contemporary theology (for example, a topic, a figure, a phenomenon, or an event). Attention is given to exploring the meaning and significance of the phenomenon in light of the Christian and Catholic tradition, as well as of contemporary culture.

THE 310 Women and Religion

3 credits

Prerequisite: THE 101

An exploration of the role of women in religion from various points of view. A broad historical overview of perspectives will be examined with particular emphasis on the contemporary context. The course will examine the role of women in ancient cultures, the shift to patriarchy, the early Judaeo-Christian tradition, women's representation in myth, the role of women in the shaping of religious traditions, and contemporary issues.

THE 327 Vatican II

3 credits

Prerequisite: THE 101

A critical and reflective examination of the significance of the Second Vatican Council (1962-1965), commonly referred to as Vatican II, in the overall history of the church. It looks at the historical context of the council, significant leaders and theologians, major themes, and final documents. The course further explores how the events of Vatican II impact the church and world today, with special attention given to students' chosen major(s) as a way to continue the ongoing spirit of Vatican II. The students will study the events of Vatican II through a hermeneutics of reception (hermeneutics of authors, texts, and receivers) and determine how Vatican II can be meaningful to people today.

THE 333 Theological Investigations I

3 credits

Prerequisite: THE 101

An exploration and examination of foundational Christian doctrines associated with revelation and faith, God (Trinity), creation, Jesus Christ (Christology), and salvation (soteriology).

Students will study core doctrinal beliefs and practices in light of their scriptural, historical, and theological foundations, and ponder the question: how might these foundations inform our contemporary understanding and practical application of Christian doctrines and belief?

THE 334 Theological Investigations II

3 credits

Prerequisite: THE 101

An exploration and examination of foundational Christian doctrines associated with church (ecclesiology), sin and grace, the saints and Mary, sacraments, and the end of life and time (eschatology). Students will study core doctrinal beliefs and practices in light of their scriptural, historical, and theological foundations, and ponder the question: how might these foundations inform our contemporary understanding and practical application of Christian doctrines and belief?

THE 340 Moral Theology

3 credits

Prerequisite: THE 101

An examination and consideration of the moral implications of faith. Moral theology understands the moral life as a response to the love and compassion of God revealed in Jesus Christ. Together students will explore the nature of the good, the nature of the human person, criteria for making Christian moral decisions, contributions of church-related documents, and specific moral issues that confront Christians living in the contemporary world.

THE 345 Catholic Social Teaching

3 credits

Prerequisite: THE 101

An examination of the historical, biblical, and theoretical foundations of Catholic social teaching and the application of its principles to modern societal, political, and economic issues, including the practice of making moral decisions in light of Catholic social teaching principles. This is a service-learning course.

THE 350 Christian Spiritual Traditions

3 credits

Prerequisite: THE 101

An exploration of various spiritual, meditative, and service-oriented traditions within Western and Eastern Christianity. Significant contributions from individuals and religious communities such as the Desert Fathers and Mothers, St. Benedict, St. Theresa of Avila, St. Ignatius of Loyola, St. Francis of Assisi, St. Dominic, the Congregation of St. Agnes, St. Vincent de Paul, and the Missionary Sisters of Charity will be explored. This is a service learning course.

THE 360 Faith Development

3 credits

Prerequisite: THE 101

An examination of various theoretical understandings of faith development and moral development, as well as an

exploration of how these theories are used in church-related ministerial and catechetical settings in light of modern cultural influences. The course content flows from the Judaeo-Christian understanding of the nature of the human, as a child of God and made in the image of God.

THE 365 Child and Youth Ministry

3 credits

Prerequisite: THE 101

An overview of child and youth ministry that examines the theoretical foundations of a ministry to children and adolescents and the implementation of such a ministry, including analysis of the theological, cultural, psychological, and sociological understandings of the world of children and youth. The course also explores the practical aspects of developing a comprehensive child and youth ministry program in various settings. This is service-learning course.

THE 366 Adult and Family Ministry

3 credits

Prerequisite: THE 101

An overview of adult and family ministry that examines the theoretical foundations of a ministry to adults—with or without families—and the practical implementation of a ministry to adults and families through an analysis of the theological, cultural, psychological, and sociological realities that influence adult and family life in today's world. The course also explores the practical aspects of developing a comprehensive adult and family ministry program. This is a service-learning course.

THE 370 Worship and Service

3 credits

Prerequisite: THE 101

A critical and reflective study of the relationship between worship in and service to the Christian community, as well as the theological and practical dimensions of that relationship. This course also examines such topics as the dynamics of the sacramental life; ministering to adults, families, children, youth, and young adults through the sacraments and Christian service in the community; and the application of Catholic social teaching in ministry with children, youth, and adults. This is a service-learning course.

THE 397 Internship

1–3 credits

Prerequisite: THE 101

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. This experience ultimately serves to directly tie students' academic coursework to non-academic professional experiences.

THE 404 Special Topics

1–3 credits

Prerequisite: THE 101

A treatment of particular theological and/or biblical questions chosen because of special relevance or student interest.

THE 414 Independent Study

3 credits

Prerequisites: THE 101, Permission

A course designed by the student with an instructor's guidance to allow students of superior ability to pursue a topic of interest not available through regular courses.

THE 420 Science, Technology, and Theology

3 credits

Prerequisite: THE 101

Since the late medieval period in Western culture, science and its tool-making partner, technology, have been considered separate from theology. We will explore this separation and look at the theological questions underlying the modern understanding of science and technology. We will also investigate the new awareness of the interrelatedness of science and theology.

THE 426 Theology of the Human Person

3 credits

Prerequisite: THE 101

Using the theological anthropology of Karl Rahner and other contemporary theological perspectives as a lens and guide, this course will explore contemporary theological perspectives on how Jesus' life, death, and resurrection shape and inform the Christian understanding of the human person. Some questions to be considered may include the following: What does it mean to be human? Does being created in the image of God mean we are born with a purpose and destiny? Is human life inherently sacred? Are we oriented toward communion with God and others? How has sin impacted human freedom and our relationship to creation? What can the Christian beliefs of grace, salvation, and hope say to us during times of suffering, war, and ecological crisis?

THE 450 Theological Research

3 credits

Prerequisites: THE 101, Permission

(Theology major or minor)

This course is designed for students who plan on attending graduate school following their graduation from Marian University. In this seminar class, students explore both humanistic and social science research methodologies as they pertain to religious education. Students complete an extensive research project throughout the semester that utilizes a methodology presented in class.

THE 495 Senior Seminar

3 credits

Prerequisites: THE 101, Permission

(Theology major or minor)

A seminar and capstone course for theology minors and majors that will provide an opportunity to integrate one's theological studies and gained perspectives into a summative senior research paper. Students will also produce a portfolio that demonstrates the development of their theological understanding and reflection.

THE 497 Internship

1–3 credits

Prerequisite: THE 101

Students earn academic credit for internship work experiences as they test career choices, improve work skills, and establish professional contacts. This experience ultimately serves to directly tie students' academic coursework to non-academic professional experiences.

FACULTY

Sheryl K. Ayala, Professor

Biology

B.S., University of Wisconsin-Madison
M.S., University of Wisconsin-Madison
Ed.D., Nova Southeastern University

Joyce A. Bautch, Associate Professor

Theology

B.A., Saint Mary's College of Minnesota
M.A., University of Notre Dame
Ph.D., Duquesne University

Shane F. Boeder, Professor

Foreign Languages

B.A., Lake Forest College
M.A., Roosevelt University
Ph.D., Union Institute and University

David R. Boers, Professor

Education/Leadership Studies

B.A., University of Wisconsin-Green Bay
M.A., University of Wisconsin-Oshkosh
Ed.D., Ball State University

Susan Bornstein-Forst, Professor

Biology

B.A., Manhattanville College
M.A., Columbia University
M.A., Mount Sinai School of Medicine
M.S., The Sackler Institute of Biomedical Sciences, New York Univ. Medical Center
Ph.D., The Sackler Institute of Biomedical Sciences, New York Univ. Medical Center

Jerome E. Burns, Professor

English

B.A., St. Francis de Sales College
M.A., Marquette University
Ph.D., Marquette University

Kelly Chaney, Associate Professor

Education

B.S.E., Truman State University
M.S.Ed., Southern Illinois University
Ph.D., Southern Illinois University

Ronald R. Connolly, Associate Professor

Criminal Justice

B.S., Mount Senario College
M.S., Marian University
Ed.D., Cardinal Stritch University

Anthony S. Dallmann-Jones, Professor

Education/Teacher Education

B.S., Bluffton College
M.S., Florida State University
Ph.D., Florida State University

Scott Dell, CPA, Assistant Professor

Accounting

B.S., Boston University
M.B.A., The Wharton School, University of Pennsylvania
M.A.E., Marian University

Thomas DePaoli, Assistant Professor

Management

B.S., St. Joseph's University-Philadelphia
B.S., University of Wisconsin-Green Bay
M.B.A., Notre Dame
Ph.D., California Coast University-Santa Ana

Michael J. Doherty, Associate Professor

Business Administration, Management Information Systems

B.S., Western Illinois University
M.S., University of Illinois-Chicago
M.S.P.P.A., Purdue University
Ph.D., Walden University

Mary Fischer, Assistant Professor

Nursing

B.S.N., University of Wisconsin, Oshkosh
M.S.N., Nurse Midwifery, University of Miami

Sean Fitzpatrick, Assistant Professor

Exercise and Sport Science

B.S., West Virginia University
M.S., West Virginia University
M.A., West Virginia University
Ph.D., West Virginia University

Sarah Garvey, Assistant Professor

Chemistry/Physical Science

B.S., University of Wisconsin-Oshkosh
Ph.D., University of Wisconsin-Milwaukee

James T. Gray, Associate Professor

Sport and Recreation Management

B.A., Temple University
J.D., Marquette University Law School

Mary Gross, Associate Professor

History

B.A., University of Wisconsin-Green Bay
M.A., Texas A&M University
Ph.D., University of South Carolina

John Hammond, Assistant Professor

Biology

B.S., James Madison University

Ph.D., University of California-Davis

David Hein, Assistant Professor

Music

B.M., St. Olaf College

M.M., Michigan State University

Amy Hennings, Assistant Professor

Psychology

B.A., University of Wisconsin-Eau Claire

M.A., St. Mary's University-Minneapolis

Victoria Hildebrandt, Assistant Professor

Communication

B.A., University of Wisconsin-Madison

M.S., University of Wisconsin-Milwaukee

Kathleen Hughes, Assistant Professor

Nursing

B.S.N., University of Wisconsin-Oshkosh

M.S., University of Wisconsin-Madison

D.N.P., Concordia University Wisconsin

Donna Innes, CSA, Professor

Education/Leadership Studies

B.S., Marian University

M.Ed., University of Dayton

Ph.D., The Catholic University of America

Leslie E. Jaber-Wilson, Associate Professor

Social Work

B.S.W., Marian University

M.S.W., University of Washington

D.S.W., Aurora University

Brian Joachim, Assistant Professor

Radiologic Technology

B.S.R.T., Marian University

M.S.E.D., University of Wisconsin-Oshkosh

Alan R. Johnson, Assistant Professor

Criminal Justice

A.S., Milwaukee Area Technical College

B.S., Marquette University

J.D., Marquette University Law School

Diana Johnson, Assistant Professor

Forensic Science

B.S., The College of New Jersey

M.S., Washington State University

Kathryn Johnston, Assistant Professor

Director of Libraries

B.A., Earlham College

M.I.L.S., University of North Carolina at Chapel Hill

Carl Kalwaitis, Associate Professor

Philosophy

B.A., University of Bridgeport

M.Phil., Drew University

Ph.D., Drew University

Ciara Kidder, Assistant Professor

Psychology

B.S., Lock Haven University of Pennsylvania

M.A., The University of Texas at El Paso

Ph.D., The University of Texas at El Paso

Leah Klapperich, Assistant Professor

Art

B.S., Marian University

M.A., John F. Kennedy University

Mary Klein, Professor

Communication, Leadership

B.S.E., University of Wisconsin-Whitewater

M.A., University of Notre Dame

M.S., University of Wisconsin-Whitewater

Ed.D., Cardinal Stritch University

Deb Kneser, Assistant Professor

Education/Institute of Professional Development

B.S., University of Wisconsin-Oshkosh

M.A.E., Marian University

Ph.D., Marian University

Greta M. Kostac, Associate Professor

Nursing

B.S.N., Excelsior College-Albany

M.S.N., University of Wisconsin-Milwaukee

D.N.P., University of Minnesota

Jason Kowalski, Assistant Professor

Chemistry

B.S., University of Wisconsin-Parkside

Ph.D., Medical College of Wisconsin

Jennifer Krueger, Instructor

General Education

B.S., University of Wisconsin-Stout

M.S., University of Wisconsin-Stout

Christina Kubasta, Assistant Professor

English

B.A., Wells College

M.F.A., University of Notre Dame

Ronald G. LaBorde, Associate Professor

Mathematics

B.S., University of Wisconsin-Oshkosh

M.S., University of Wisconsin-Oshkosh

Christine Laurent, Associate Professor

Nursing

B.S.N., University of Wisconsin-Green Bay

M.S.N., Bellin College of Nursing

David Leichter, Assistant Professor

Philosophy

B.A., Beloit College

M.A., Northern Illinois University

Ph.D. Marquette University

Charles Lester, Assistant Professor

History

B.A., Northern Kentucky University

M.A., University of Cincinnati

Ph.D., University of Cincinnati

Ronald Lewis, Instructor

Criminal Justice

B.S., Marian University

M.S.O.L.M., Silver Lake College

Jessica Little, Assistant Professor

Marketing

B.A., Mount Mary University

M.S., South University

Rachel Loduha, Assistant Professor

Nursing

B.S.N., Marian University

M.S.N., Marian University

Devon Lor, Assistant Professor

Nursing

B.S.N., Marian College

M.S.N., Marian University

Julie A. Luetschwager, Associate Professor

Nursing

B.S.N., Viterbo University

M.S.N., Pittsburg State University

Ph.D., The Catholic University of America

Qinghua Luo, Assistant Professor

Mathematics

B.S., Zhejiang University, China

M.A., University of Oklahoma

M.Ed., University of Oklahoma

Ph.D., University of Oklahoma

Brian Lydeen, Associate Professor

Music

B.S., University of Mary, Bismarck, N.D.

M.M., University of Northern Colorado

D.M.A., University of Wisconsin-Madison

Michelle E. Majewski, Professor

Psychology

B.S., University of Wisconsin-Oshkosh

M.S.E., University of Wisconsin-Oshkosh

Psy.D., Adler School of Professional Psychology-Chicago

Elizabeth Manser Payne, Associate Professor

Business Administration

B.S., University of Wisconsin-Oshkosh

M.B.A., Thunderbird School of Global Management

Polly Manske, Assistant Professor

Education/Teacher Education

A.A., University of Wisconsin-Stevens Point

B.B.A., University of Wisconsin-Oshkosh

M.S.Ed., Concordia University

Linda Matheson, Associate Professor

Nursing

B.S.N., Alverno College

M.S.N., University of Illinois-Chicago

Ph.D., Marquette University

Janet S. McCord, Associate Professor

Thanatology

B.A., North Central College

M.A., Andover Newton Theological School

Ph.D., Boston University

Kathy McCord, Instructor

Education/Teacher Education

B.S., Marian University

M.S., Lawrence University: Institute of Paper Chemistry

Mark Merline, Associate Professor

Art

B.A., University of Wisconsin-Madison

M.F.A., The Ohio State University

Aida Michlowski, Professor

Educational Technology/ Teacher Education

B.S. Ed., University of Santo Thomas, Philippines

M.S.T., University of Wisconsin-Oshkosh

Ph.D., University of Wisconsin-Madison

J.D., Marquette University Law School

Tabitha Miller, Instructor

Radiologic Technology

B.S.R.T., Marian University

M.S., Marian University

John Morris, Assistant Professor
Chemistry/Physical Science

B.S., University of Minnesota
Ph.D., University of Washington

Jayne Nagle, Assistant Professor
Nursing

B.S.N., Marian University
M.S.N., Marian University

Heidi Neuhauser, Assistant Professor
Nursing

B.S.N., Marian University
M.S.N., Concordia University

Jennifer Nicpon, Assistant Professor
Nursing

B.S.N., University of Wisconsin-Milwaukee
M.S.N., University of Wisconsin-Milwaukee
D.N.P., Concordia University

Cyndi A. Nienhaus, CSA, Assistant Professor
Religious Education/Teacher Education

B.S.Ed., Marian University
M.A., St. Francis Seminary-Milwaukee
Ph.D., Fordham University-New York

Nancy Noble, Associate Professor
Nursing

A.S., University of Wisconsin Center-Richland
B.S.N., University of Wisconsin-Oshkosh
M.S.N., University of Wisconsin-Eau Claire

Patricia M. O'Connor, Professor
Nursing

B.S.N., Marian University
M.S., Texas Woman's University

Cheryl A. Passel, Assistant Professor
Nursing

B.S.N., Florida Atlantic University
M.S.N., Bellin College of Nursing
Ph.D., Marian University

Kierrin Phillips, Assistant Professor
Nursing

A.A.S., Nursing Fox Valley Technical College
M.S.N., Walden University

Mary Polchert, Associate Professor
Nursing

B.S.N., University of Wisconsin-Milwaukee
M.S.N., Marquette University
Ph.D., University of Wisconsin-Milwaukee

Judith A. Pomeroy, Assistant Professor
Nursing

B.S.N., Marian University
M.S.N., Walden University

Justin Ponder, Assistant Professor
English

B.A., University of Wisconsin-Milwaukee
M.A., University of Wisconsin-Milwaukee
Ph.D., University of Wisconsin-Milwaukee

Heather Price, Assistant Professor
Education/Leadership Studies

B.A., University of Wisconsin-Milwaukee
B.S., University of Wisconsin-Milwaukee
M.A., University of Wisconsin-Milwaukee
Ph.D., University of Notre Dame

Lalitha Ramamoorthy, Assistant Professor
Biology

B.S., Kerala University, India
M.S., Madras University, India
Ph.D., Indian Institute of Science-Bangalore

Jeffrey G. Reed, Professor
Management

B.A., Muskingum University
M.L.S., University of Maryland
M.A., Towson University
Ph.D., Kansas State University

Kristi Reitz, Assistant Professor
Educational Technology/Teacher Education

B.S., University of Wisconsin-Superior
M.A.E., Marian University
Ph.D., Capella University

Nancy Riley, Professor
Education/Leadership Studies

B.A., East Central State University-Oklahoma
M.S., University of Wisconsin-Madison
Ph.D., University of Wisconsin-Madison

Karen M. Roberts, Associate Professor
Nursing

B.S.N., Marian University
M.S.N., Marian University

Anne Rosploch, Assistant Professor
Nursing

B.S.N., University of Wisconsin Oshkosh
M.S.N., Concordia University

Rebecca A. Rouse, Associate Professor*Homeland Security*

B.A., University of Northern Colorado

M.A., Syracuse University

D.M., Colorado Technical University-Colorado Springs

Jessica Sabel, Assistant Professor*Nursing*

B.S.N., Marian University

M.S.N., University of Wisconsin-Oshkosh

D.N.P., University of Wisconsin-Oshkosh

Patrick Saunders, Assistant Professor*Education/Leadership Studies*

B.A., Ripon College

M.S.E., University of Wisconsin-Superior

Ed.S., University of Wisconsin-Superior

Ed.D., Cardinal Stritch University

David M. Schimpf, Associate Professor*Theology*

B.A., Macalester College

Ph.D., Marquette University

Lisa Schmidt, Assistant Professor*Nursing*

B.S.N., Marian University

M.S.N., Walden University

Katherine Schuessler, CPA, Associate Professor*Finance*

B.A., University of Wisconsin-Madison

M.B.A., University of Wisconsin-Madison

Jennifer Milazzo Schultz, Instructor*Psychology*

B.S., University of Wisconsin - Madison

M.A., University of Colorado Denver

Marie Scott, CSA, Assistant Professor*History*

B.A., Marian University

M.A., Fordham University

M.A., St. Francis Seminary

Tim Steger, Instructor*Mathematics*

B.S., University of Wisconsin-Oshkosh

M.S., University of Wisconsin-Oshkosh

Sr. Catherine Stewart, O.P., Associate Professor*Education/Teacher Education*

B.A., University of St. Francis

M.A., University of Illinois at Champaign

Ed.S., University of St. Thomas

Ed.D., University of Sarasota

Sue Stoddart, Associate Professor*Education*

B.A., The Ohio State University

M.A., The Ohio State University

M.E., Ohio University

Ph.D., Capella University

Bradd Stucky, Professor*Education/Leadership Studies*

B.A., Valparaiso University

M.S., Barry University

Ed.S., Barry University

Ed.D., Florida Atlantic University

Quintin Sullivan, Associate Professor*Social Work*

B.A., University of Wisconsin-Eau Claire

M.S.S.W., University of Wisconsin-Eau Claire

Ph.D., University of Wisconsin-Madison

Breana Sutfin, Assistant Professor*Nursing*

B.S.N., Marian University

M.S., Walden University

Matthew Szromba, Associate Professor*History*

B.A., St. John's University

M.A., Loyola University-Chicago

Ph.D., Loyola University-Chicago

Sarah Thibodeau, Instructor*Library*

B.S., University of Wisconsin-Oshkosh

M.A., University of Wisconsin-Milwaukee

M.L.I.S., University of Wisconsin-Milwaukee

David Thompson, Professor*Music*

B.M., Kent State University

M.A., Kent State University

Ph.D., Kent State University

Lance Urven, Professor*Biology*

B.S., University of Illinois

M.S., Western Illinois University

Ph.D., University of California-Davis

Linda Uselmann, Instructor*Mathematics*

B.S., University of Wisconsin-Oshkosh

M.S., University of Wisconsin-Oshkosh

A.B.D., University of Wisconsin-Madison

Robert M. Wagner, Instructor
Educational Technology/ Teacher Education
B.S., University of Wisconsin-Stevens Point
M.E., Lesley College

Jodi Wagner-Angell, Associate Professor
English
B.A., St. Norbert College
M.A., Purdue University
Ph.D., Purdue University

Cooper Wakefield, Assistant Professor
Communication
B.A., University of Cincinnati
M.A., University of Illinois
Ph.D., University of Kansas

Thomas J. Wallestad, Associate Professor
Art
B.A., University of Wisconsin-Green Bay
M.F.A., Syracuse University

John Walser, Associate Professor
English
B.A., University of Evansville
M.A., University of Wisconsin-Milwaukee
Ph.D., University of Wisconsin-Milwaukee

Deborah Watry, Assistant Professor
Education/Leadership Studies
B.S., University of Wisconsin-Oshkosh
M.S., University of Wisconsin-Oshkosh
M.A.E., Marian University
Ph.D., Marian University

Lori A. Yogerst, Assistant Professor
Nursing
B.S., Winona State University
M.S.N., Cardinal Stritch University

Adjunct Faculty

Please contact the Office of Academic Affairs to obtain a listing of adjunct faculty and their credentials.

Professors Emeriti

William Albrecht, *M.M., Marketing*
Jeffrey P. Bechner, *Ph.D., Chemistry*
Ann T. Egan, *M.A., Education*
Christine N. Erickson, *M.A.E., Education*
Deborah Golias, CSA, *Ph.D., Education*
Margaret Lorimer, CSA, *Ph.D., History*
John O. May, *Ph.D., Biology*
Mary Neff, CSA, *M.A., Art*
Francis Assisi Pielmeier, CSA, *Ph.D., Education*

Bruce R. Prall, *Ph.D., Chemistry and Physical Science*
Lieselotte Straus, *M.A., Foreign Language*
Ray C. Wifler, *Ph.D., Music*
Robert J. Zande, *M.A., Education*
William H. Zierdt III, *M.S., A.M., Business*

President's Cabinet

Andrew P. Manion, President
B.A., Saint Norbert College
M.A., Adelphi University
Ph.D., Adelphi University

Stacey L. Akey, Vice President for Alumni, Institutional Partnerships, and Career Services
B.S.B.A., Marian University
M.S.O.L.Q., Marian University

Kathleen Candee, Vice President for Student Engagement
B.S., University of Wisconsin-Oshkosh
M.S., University of Wisconsin-Oshkosh

Carey C. Gardin, Executive Assistant to the President
R.S.A., Angus College, Scotland

George Koonce, Senior Vice President for University Relations
B.S., New York University
M.S., East Carolina University
Ph.D., Marquette University

Julie A. Luetschwager, Vice President for Enrollment Management and Institutional Effectiveness
B.S.N., Viterbo University
M.S.N., Pittsburg State University
Ph.D., The Catholic University of America

Russell Mayer, Vice President for Academic Affairs
B.A., Wesleyan University
Ph.D., University of Michigan

Janeen Meifert, Vice President for Business and Finance
B.S.B.A., University of Wisconsin-Milwaukee

Tracy Milkowski, Vice President for Advancement
B.A., Mount Mary College
M.B.A., Concordia University

President Emeritus

Richard I. Ridenour, *M.D.*

Academic Deans

Michelle E. Majewski, School of Arts and Sciences

B.S., University of Wisconsin-Oshkosh

M.S.E., University of Wisconsin-Oshkosh

Psy.D., Adler School of Professional Psychology-Chicago

Jeffrey G. Reed, School of Business

B.A., Muskingum University

M.L.S., University of Maryland

M.A., Towson University

Ph.D., Kansas State University

Kelly Chaney, School of Education

B.S.E., Truman State University

M.S.Ed., Southern Illinois University

Ph.D., Southern Illinois University

Linda Matheson, School of Nursing and Health Professions

B.S.N., Alverno College

M.S.N., University of Illinois-Chicago

Ph.D., Marquette University

Administrative and Support Staff

Maranda Abitz, School Secretary/Coordinator of Veteran Services

School of Business

B.A., Marian University

Tracy Abler, Program Specialist

TRIO - Upward Bound Math and Science Program

A.S., Moraine Park Technical College

B.B.A., Marian University

Merle Alix, Writing Learning Specialist

B.S., Northern Michigan University

M.A., Northern Michigan University

Sunil Appalraju, Database Applications Specialist

Enrollment Management

B.A.M.S., Karnataka University Dharwad, India

M.S., Concordia University of Wisconsin-Mequon

Jordan Baitinger, Head Men's Baseball Coach

Athletics

B.A., Ripon College

M.B.A., University of Phoenix

Debra Barrett, Assistant Registrar

Office of the Registrar

B.A., Nova SE University

B.S., Kaplan University

Jason Bartelt, Director of Athletics, Head Men's Baseball Coach

Athletics

B.A., Lakeland College

Peni Beine, Student Employment Coordinator

Financial Aid

Mary Bernier, Graphic Services and Mail Room Coordinator

Carol Benson, Support Specialist III

Office of the Registrar

A.A.S., University of Wisconsin-Fond du Lac

B.L.S., University of Wisconsin-Oshkosh

Sherry Billings, Administrative Assistant

Advancement

Bianca Birschbach, Support Specialist II-Faculty Coordinator

School of Business

B.B.A., University of Wisconsin-Eau Claire

Angela Blamey, Business Internship Coordinator and Academic Advisor

B.S., University of Wisconsin-Madison

M.S., University of Wisconsin-Oshkosh

Andelys Bolaños, Assistant Director of International

Enrollment and Study Abroad Programs

Enrollment Services

B.A., University of Wisconsin-Oshkosh

Steven Boucher, Admission Counselor

Undergraduate Admission

B.A., Ripon College

M.A., Lakeland College

Tarra Bourgeois, Associate Registrar

Office of the Registrar

B.A., Lakeland College

M.S.Ed., University of Wisconsin-LaCrosse

Mark Boyle, Head Men's Basketball Coach, Athletic Academic Advisor, Residence Life Liaison

Athletics

B.S., University of Wisconsin-Eau Claire

M.S., University of Wisconsin-Eau Claire

Karla Bresiter, Student Outreach and Retention Specialist

TRIO - Student Support Services Program

B.A., University of Wisconsin-Eau Claire

Elizabeth Budelman, Admissions Counselor

Adult and Graduate Admission

B.A., Marian University

Bryan Burgert, Assistant Men's Baseball Coach

Athletics

B.S.B.A., Marian University

Gisele Burnett, Department Secretary

Center for Academic Support and Excellence

Moreen Carvan, Director of Assurance for Learning,
Institutional Effectiveness

B.S., University of Texas at El Paso

M.S., Texas A&M University

Ed.D., University of Cincinnati

Tina Caves, Administrative Assistant to the Associate Vice
President for Academic Affairs

Institutional Effectiveness

B.A., University of Minnesota-Twin Cities

Kaley Conrad, School Secretary
School of Arts & Sciences

B.S., University of Wisconsin-Oshkosh

Joseph Cross, Instructor-Reference/Instructional Services
Librarian

B.A., University of Wisconsin-Green Bay

M.L.I.S., University of Wisconsin-Milwaukee

Monica Danek, Assistant Women's Soccer Coach
Athletics

B.S., Lewis University

M.S., Marian University

Therese Drake, Assistant to the Executive Vice President for
Academic Affairs

A.S., Moraine Park Technical College

Jennifer Draves, Support Specialist III
Human Resources

A.A., Moraine Park Technical College

B.S., Marian University

Tony Draves, Head Women's Softball Coach
Athletics

B.S., University of Wisconsin-Oshkosh

M.S., University of Wisconsin-Oshkosh

Dennis Driscoll, Director of Athletic Communications
Athletics

B.S., Wayne State College

M.S., Indiana State

Christopher Durkin, Program Coordinator
TRIO - Upward Bound Math and Science Program

B.S., Ball State University

M.S.Ed., University of Wisconsin-La Crosse

Teri Durkin, Academic Advisor for Health Professions

B.S., University of Wisconsin-La Crosse

M.S.Ed., University of Wisconsin-La Crosse

Amanda Duval, Director of Human Resources
Human Resources

B.S., National Louis University

Anna Eherenman, Instructional Designer
Academic Technology

B.S., Viterbo University

M.S., University of Wisconsin – Milwaukee

Ellen Eickhoff, Financial Aid Counselor
Financial Aid

B.S., Marian University

Monica Fannin, Marketing Coordinator

B.B.A., University of Wisconsin-Oshkosh

Joan Ferguson, Director of TEACH
School of Education

B.A., Marian University

Margaret Fields, Nursing Resource and Simulation Center

B.S.N., Marian University

Lisa Forbes, Administrative Assistant
Office of Business and Finance

B.A., Cardinal Stritch University

Sharon Freund, Secretary to the Dean
School of Arts and Sciences

Tyler Frings, Head Men's Volleyball Coach
Athletics

B.B.A., Carthage College

M.S., Cardinal Stritch College

Susan Fuerbringer, Coordinator and Academic Advisor
EXCEL and Undeclared Programs

B.S., University of Wisconsin-Oshkosh

Carey C. Gardin, Executive Assistant to the President

R.S.A., Angus College, Scotland

Kathy Gellings, Director of Advancement Services
Office of Advancement

A.S., Moraine Park Technical College

B.S., Marian University

Susan Gius, School Secretary
School of Arts and Sciences

Luke Goodnetter, Assistant Men's Soccer Coach
Athletics

B.B.A., University of Wisconsin-Milwaukee

Bradley Greenwood, Technical/Desktop Support
Information Technology

B.S., Marian University

Karen D. Gundert, Senior Payroll Accountant

F.P.C., Bethany Lutheran College

Dee Harmsen, Director of Student Services

B.S., Marian University

M.S.O.L.Q., Marian University

Cheryl Hartwig, Director of Adult and Graduate Admission

B.B.A., Marian University

M.S.O.L.Q., Marian University

M.A.E., Marian University

Jody Hartzell, Director of Transfer Admission

B.S., University of Wisconsin-Oshkosh

Mary J. Hatlen, Director of Career Services*Center for Academic Support and Excellence*

B.O.C., Marian University

M.S., Marian University

Claudia Hawkins-Moïse, Senior Accountant*Office of Business and Finance*

B.S., Oakwood University

M.B.A., Bethel University

Victoria Hildebrandt, Director of the Center for Instruction and Organizational Development*Center for Instruction and Organizational Development*

B.A., University of Wisconsin-Madison

M.S., University of Wisconsin-Milwaukee

Chuentao Ho, Athletic Trainer*Athletics*

B.S., University of Wisconsin-Eau Claire

Kerri Huebel, Assistant Athletic Director for Compliance and Student Services, Head Women's Volleyball Coach*Athletics*

B.S.B.A., Marian University

M.A., Minnesota State University-Mankato

Patricia C. Immel, Secretary*School of Nursing and Health Professions*

A.S., Moraine Park Technical College

Molly Jaster, Director of Development and Special Events*Advancement*

B.A., University of Wisconsin-Green Bay

Philip Johnson, Director of Field and Clinical Experiences*School of Education*

B.S., University of Wisconsin-Eau Claire

M.S., University of Wisconsin-Madison

Michele Keifenheim, Circulation/Interlibrary Loan Coordinator*Library*

A.S., Fox Valley Technical College

B.S., Marian University

Christine Keller, Assistant Women's Basketball Coach*Athletics*

A.A., Milwaukee Area Technical College

B.A., University of Wisconsin-Milwaukee

Jamie Kivi, Head Women's Hockey Coach*Athletics*

B.S., Elmira College

M.S., Marian University

Terena Kleckner, Director of Academic Services

B.A., Stephen F. Austin State University

M.Ed., Texas A&M University

Kathy Koch, Reference Librarian*Library*

B.A., Marquette University

M.L.I.S., University of Wisconsin-Milwaukee

Susan Koepsell, Senior Accountant and Office Manager*Office of Business and Finance*

A.A.S., Moraine Park Technical College

George Koonce, Senior Vice President for University Relations*Advancement*

B.S., New York University

M.S., East Carolina University

Ph.D., Marquette University

Paul Krikau, Dean of Student Engagement*Office of Student Engagement*

B.S., Central Michigan University

M.S.Ed., University of Wisconsin-Platteville

Ph.D., Indiana State University

Jennifer Krueger, Director of First-Year Studies Program*School of Arts and Sciences*

B.S., University of Wisconsin-Stout

M.S., University of Wisconsin-Stout

Linda Krueger, Coordinator of Math Academic Services

B.S., Angelo State University

M.S., Baylor University

Severa Krueger, Director of Residence Life*Office of Student Engagement*

B.S., University of Wisconsin-Stout

M.S., University of Wisconsin-Stout

Jeri Kukurich, Academic Advisor and Site Coordinator*Appleton Center*

B.S., University of Wisconsin-Green Bay

M.A., Lakeland College

Alex Kurowski, Student Success Coordinator
TRIO – Student Support Services Program
 B.A., University of Wisconsin-Oshkosh
 M.S.Ed., University of Wisconsin-Oshkosh

Michelle Lack, Support Specialist III
Office of the Registrar
 A.A.S., Moraine Park Technical College
 B.S.M., Cardinal Stritch University

Shannon S. LaLuzerne, Dean of Admission
Undergraduate Admission
 B.A., Marian University
 M.S.O.L.Q., Marian University

Susan Leininger, Senior Assistant Director
Financial Aid
 A.A., University of Wisconsin Center-Fond du Lac
 B.S., University of Wisconsin-Green Bay

Joseph Linder, Database Applications Specialist
Information Technology Services
 B.B.A., University of Wisconsin-Oshkosh

Megan Liptow, Associate Director of Admission/Community
 Relations and Technology
Enrollment Services
 B.S., University of Wisconsin-Oshkosh
 M.A., Lakeland College

Margaret Lowell, Department Secretary
Enrollment Services
 B.A., Denison University

Melissa Luedtke, Program Director
TRIO – Student Support Services Program
 B.S., Bemidji State University
 M.S., Minnesota State University, Mankato

Julie A. Luetschwager, Vice President for Enrollment
 Management and Institutional Effectiveness
Institutional Effectiveness
 B.S.N., Viterbo University
 M.S.N., Pittsburg State University
 Ph.D., The Catholic University of America

Alexis Lynn, Assistant Women's Softball Coach
Athletics
 B.S., Concordia University Texas
 M.Ed., Concordia University Texas

Andy R. Mammel, Academic Advisor, Graduate Programs/
 Instructional Technology Coordinator
School of Nursing and Health Professions
 B.S., Western Michigan University
 M.A., Michigan State University

Christine Martin, Admission Counselor
Adult and Graduate Admission
 B.O.C., Marian University
 M.S.O.L.Q., Marian University

Tracey Marx, Support Specialist II/Faculty Coordinator
School of Arts & Sciences
 B.A., University of Wisconsin-Milwaukee
 M.A., University of Arizona

Catherine M. Mathweg, Dean of Academic Advising and
 Academic Services
Center for Academic Support and Excellence
 A.S., Triton College
 B.A., National College of Education
 M.S., National College of Education

Amy McNeely, Director of Foundations, Corporations, and
 Grants
Advancement
 B.A., University of Wisconsin-Eau Claire

Janeen Meifert, Vice President for Business and Finance
 B.S.B.A., University of Wisconsin-Milwaukee

Jennifer Menke, Department Secretary
Working Families Grant
 A.S., Moraine Park Technical College
 B.S., Marian University

Angela Mies, Graphic Designer
Office of Marketing and Communications

Tracy Milkowski, Vice President for Advancement
Advancement
 B.A., Mount Mary College
 M.B.A., Concordia University

Beth Miller, Support Specialist III
Office of the Registrar
 B.S.B.A., Marian University

Mackenzie Miller, Assistant Women's Hockey Coach
Athletics
 B.S., University of Wisconsin-Eau Claire

Garry Moise, Program Director
TRIO - Upward Bound Math and Science Program
 A.A.S., Fox Valley Technical College
 B.S.B.A., Marian University
 M.S., Marian University

Grant Monroe, Associate Director of Admission, Multicultural Liaison

Enrollment Management

B.S.B.A., Marian University

Judith Montero, Residence Hall Director

Residence Life

B.S., Northern Illinois University

Jacqueline Moore, Secretary

Enrollment Management

A.A.S., Moraine Park Technical College

Lori Muentner, Secretary to the Dean

School of Business

Mark Musser, Environmental Health and Safety Specialist

Jennifer Nadler-Lont, Skills Lab Instructor

School of Nursing and Health Professions

B.S.N., Marian University

M.S., Marian University

Polly Newhouse, Secretary

School of Nursing and Health Professions

A.S., Northcentral Technical College

B.S., Upper Iowa University

Janell Nielsen, Director/Preschool Teacher

Early Childhood Center

B.S., University of Wisconsin-Oshkosh

Victoria Norton, Academic Advisor for Graduate Programs

School of Education

B.A., Albertus Magnus

M.A.E., Marian University

M.S., University of Wisconsin-Green Bay

Lincoln Nguyen, Head Men's Hockey Coach

Athletics

B.A., Saint Mary's University of Minnesota

Lisa Olig, Coordinator of Disability Services and Academic Support

Center for Academic Support and Excellence

B.S., University of Wisconsin-Stevens Point

M.S.E., University of Wisconsin-Oshkosh

Susan Pankratz, Department Secretary

Student Engagement

B.A., Marian University

Daniel Parizo, Director of Information Technology

Information Technology Services

B.S., Hawaii Pacific University

M.S., University of Phoenix

Ph.D., Walden University

Diane S. Peachey, Department Secretary

Adult and Graduate Admission

Craig Peltonen, Head Men's Soccer Coach, Assistant Men's and Women's Tennis Coach

Athletics

B.S., Indiana University

Nicole Peters, Secretary

Institutional Effectiveness

B.S., Marian University

Tracy Qualmann, Director

Office of Marketing and Communication

Advancement

B.S., Marian University

M.S.O.L.Q., Marian University

M.A.E., Marian University

Kirsten Rebholz, Residence Hall Director

Residence Life

B.A., Mount Mary University

M.S., Concordia University Wisconsin

Kathy J. Redig, Department Secretary

Athletics

B.S., University of Wisconsin Stevens Point

Gregory Reed, Science Learning Specialist

Center for Academic Support and Excellence

B.A., University of Wisconsin Oshkosh

M.S., University of Wisconsin Oshkosh

Sylvia Reed, Associate Director of Institutional Research

B.A., St. Louis University

M.S., St. Louis University

Ph.D., St. Louis University

Pennie Reis, Director of Student Engagement

Student Activities

B.A., Carthage College

M.A., Bowling Green State University

Paige Reynolds, Support Specialist III-Customer Service Coordinator

Financial Aid

B.A., Western Washington University

Thomas Richter, Director of Institutional Research

A.A.S., University of Wisconsin Colleges

B.B.A., University of Wisconsin-Oshkosh

M.B.A., University of Wisconsin-Oshkosh

Donna Roggentine, Director of Auxiliary Support Services

B.A., Marian University

Matthew Rose, Coordinator of Campus Safety and Security
B.C.J., Marian University

Anne Rosploch, Coordinator of Nursing Resources and
Simulation Center
Nursing Resource Center
B.S.N., University of Wisconsin Oshkosh
M.S.N., Concordia University

Michelle Ryan, Administrative Assistant
Office of Student Engagement

Jillian Saiberlich, Head Women's Soccer Coach
Athletics
B.S., St. Cloud State University
M.B.A., Lakeland College

Kelly Schiesel, Preschool Teacher
Early Childhood Center
B.S., Silver Lake College

Carol Schlaefel, Academic Advisor
School of Nursing and Health Professions
B.A., University of Wisconsin-Stevens Point

John Schmidt, Technical/Desktop Support
Information Technology
B.A., Marian University

Patricia Scholz, Support Specialist III
School of Education
B.S., University of Wisconsin-Oshkosh

Leah Schraeder, Support Specialist III
Teacher Education
B.A., University of Wisconsin-Eau Claire

Linda Schraufnagel, Nursing Resource and Simulation Center
School of Nursing and Health Professions
B.S.N., Marian University

Jodi Schrauth, Student Health Nurse
Student Health Services
B.S.N., Marian University

Kimberly Schuenemann, University Writer
Office of Marketing and Communications
B.S., Marian University
M.A., Marquette University

Lynda Schultz, Director of Academic Technology and Marian
Online Administrator
Academic Technology
B.A., Graceland College
M.A., Marian University

Marie Scott, CSA, Director of Campus Ministry
*Sarah and Samuel Mackey Campus Ministry and Counseling
Center*
B.A., Marian University
M.A., Fordham University
M.A., St. Francis Seminary

Lyndsey Seewald, Head Women's Basketball Coach
Athletics
B.S., Carroll University
M.A., University of Denver

John R. Smith, Assistant Director
Financial Aid
B.A., Cardinal Stritch University

Joyce Smith, Coordinator of Academic Testing
Center for Academic Support and Excellence
A.S., Moraine Park Technical College
B.I.S., Marian University

Benjamin Soman, Assistant Director of Admission, Financial
Aid Liaison
Enrollment Management
B.A., Marian University
M.S., Marian University

Kimberly A. Sorensen, Head Athletic Trainer, Senior Woman
Administrator and Compliance Officer
Athletics
B.S., University of Wisconsin-Oshkosh
M.S., St. Cloud State University

Tony Steinmetz, Networking/Communications Administrator
Information Technology

Brenda Stobb, Coordinator of Student Success
Office of Student Engagement
B.S., University of Wisconsin-Madison

Kerry Strupp, Interim Director
Working Families Grant Program
B.S.W., Ball State University
M.A.E., Marian University

Kara Sutkiewicz, Accounting Manager
Office of Business and Finance
B.B.A., University of Wisconsin-Milwaukee
M.S., University of Wisconsin-Milwaukee

Cheryl A. Teichmiller, Registrar
Office of the Registrar
A.S., Moraine Park Technical College
B.B.A., Marian University
M.S., Marian University

Miranda TerBeest, Major Gifts Officer

Advancement

B.S.B.A., Marian University

Tammy Thornton, Web Developer

Office of Marketing and Communications

B.S., University of Wisconsin-Oshkosh

Mai Chong Vang, SSS Student Success Coordinator-Financial

TRIO – Student Support Services Program

B.B.A., University of Wisconsin-Green Bay

Pamela C. Warren, Director of Financial Aid

Financial Aid

B.S., University of Wisconsin-Oshkosh

M.S.E., University of Wisconsin-Oshkosh

Diane Weiland, Writing Services Coordinator

B.S., University of Wisconsin-Oshkosh

M.A., University of Wisconsin-Oshkosh

Pamela Wendt, Support Specialist III

Leadership Studies

A.S., Moraine Park Technical College

Janet Wermes, Secretary to the Dean

School of Nursing and Health Professions

Marcus Wiegert, Head Men's and Women's Tennis and

Assistant Men's Basketball Coach

Athletics

B.S.B.A., Marian University

M.S., Lasell College

Andrea Wolf, Admission Counselor, Academic Advisor

Graduate Nursing Programs

B.S., Marian University

Alayne Zabel, Campus Counselor

Sarah and Samuel Mackey Campus Ministry and Counseling Center

B.A., Ripon College

M.A., Regent University

Cory Zimmerman, Head Men's/Women's Track and Field &

Cross Country Coach

Athletics

B.S., Ripon College

THE BOARD OF TRUSTEES

OFFICERS

Anthony J. Ahern, *Chairperson*

Executive Vice President of Fabrication and Operations, J. F. Ahern Co., Fond du Lac

Terri L. Emanuel '86, *Vice Chairperson*

Owner/Operator, The Goldsmith, Fond du Lac

Troy D. Schill '95, *Treasurer*

Director of Business Unit Finance, Grande Cheese Company, Lomira, Wis.

David J. Hornung, *Secretary*

President, Graphic Center Inc., Fond du Lac

TRUSTEES

Richard J. Baker, President, Baker Cheese, Inc., St. Cloud, Wis.

Mary Noel Brown, CSA, Executive Leader of Sponsorship, CSA Sponsorship Ministry, Fond du Lac, Wis.

Todd M. Butz '98, Chief Financial Officer, MEC Inc., Mayville, Wis.

Deborah Heller '01, Realtor, Roberts Homes and Real Estate, Fond du Lac, Wis.

Julie Ann Krahl, CSA, Ph.D. '76, Higher Education Consultant, Downers Grove, Ill.

William B. Lamb, '05, Chief of Police, Fond du Lac Police Department, Fond du Lac, Wis.

Hertha Longo, CSA, Ph.D. '71, General Treasurer, Congregation of Sisters of St. Agnes, Fond du Lac, Wis.

Andrew P. Manion, Ph.D., President, Marian University, Fond du Lac, Wis.

Patricia A. Miller, Owner, Culver's, Fond du Lac and Oshkosh, Wis.

Thomas E. Petri, Retired Member, U.S. House of Representatives, 6th District of Wisconsin, Fond du Lac, Wis.

Erin P. Rademann, Co-Owner, Partners by Design & Fine Furnishings, Inc./Wisconsin Registered Interior Designer, Fond du Lac, Wis.

Lacey A. Sadoff, Executive Vice President, Badger Liquor Co. Inc., Fond du Lac, Wis.

Justin A. Smith, President/CEO, C.D. Smith Construction, Inc., Fond du Lac, Wis.

Eric P. Stone, President, NEB Corporation, Fond du Lac, Wis.

Darold A. Treffert, M.D., Author and Psychiatrist, Behavioral Health Services, St. Agnes Hospital, Fond du Lac, Wis.

TRUSTEE EMERITI

John E. Ahern, Chairman, J.F. Ahern Co., Fond du Lac, Wis.

Richard C. Kleinfeldt, Retired Vice President–Finance and Chief Financial Officer, Giddings and Lewis, Inc., Fond du Lac, Wis.

Ralph C. Stayer, Retired Chairman and CEO, Johnsonville Sausage, LLC, Sheboygan, Wis.

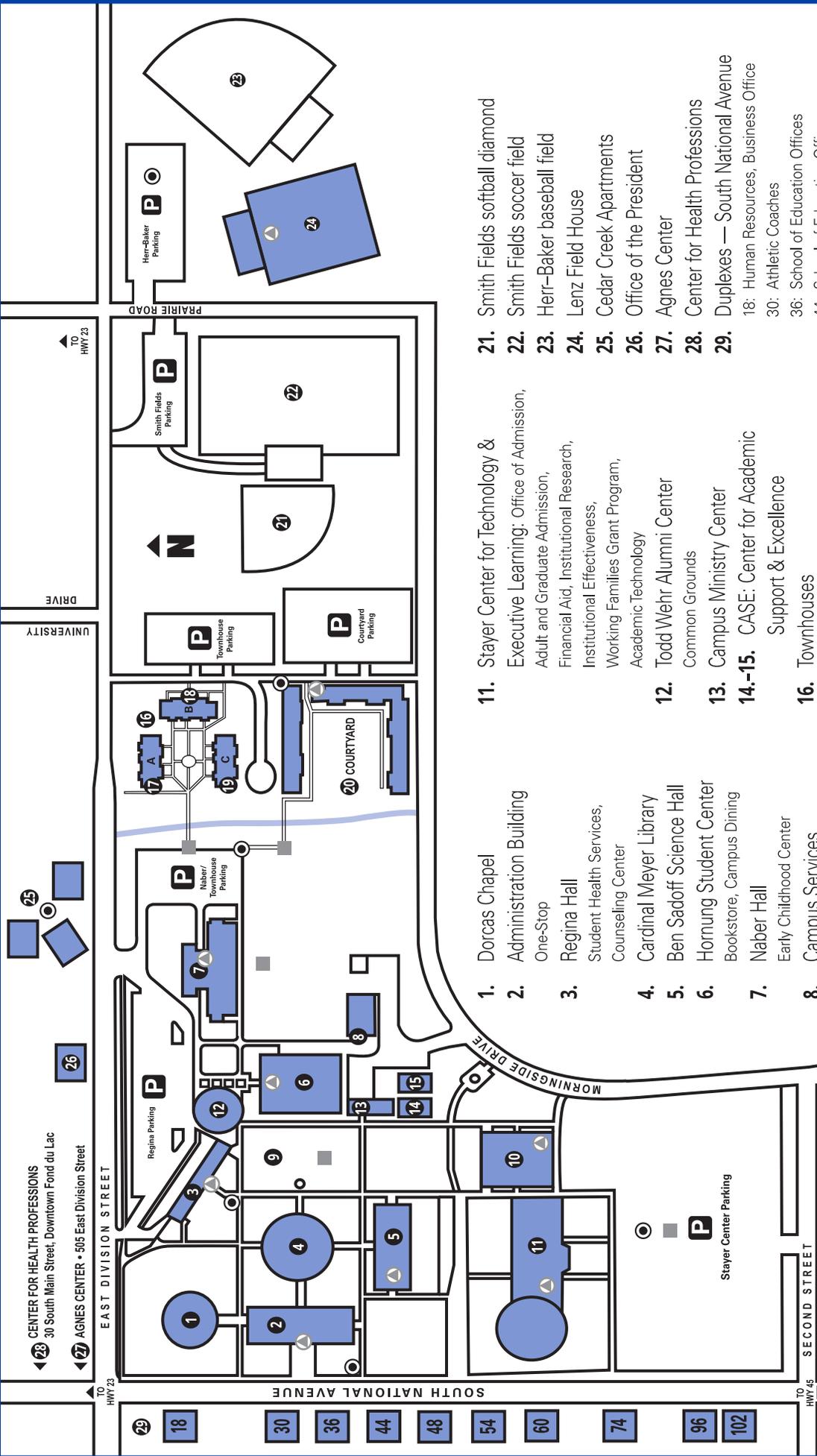
Peter E. Stone, Chairman and CEO, National Exchange Bank and Trust, Fond du Lac, Wis.

OFFICE DIRECTORY

All prefixes are (920) unless otherwise noted.

Academic Affairs	923.7604
Adult and Graduate Admission	923.7651
Adult and Graduate Studies	
Appleton Center	local: 749.1000 or 923.8543
West Allis Center	local: 414.258.6757 or 923.8535
Advancement (gifts, bequests, foundations, grants)	923.7613
Agnes Center (NRC)	923.7659
Alumni and Parent Relations	923.8937
Athletics	923.8156
Bookstore/Sabre Shop	923.7166
Business and Finance (business affairs, tuition payments, accounts)	923.8551
Campus Dining (Sodexo Food Service)	923.8728
Campus Ministry	923.7624
Campus Safety/Security	923.8950
Campus Services (housekeeping, maintenance, grounds)	923.8787
Career Services	923.7161
Center for Academic Support and Excellence (CASE Office)	923.8097
Disability Services	923.8951
Common Grounds (Todd Wehr Alumni Center)	923.8525
Counseling Center	923.8799
Financial Aid (scholarships, loans, student employment).	923.7614
Health Services	923.7615
Human Resources (Affirmative Action).	923.8081
Information Technology Help Desk	923.8947
Institutional Effectiveness	923.8943
Library (Cardinal Meyer).	923.7641
Marketing and Communications (public relations)	923.7602
One-Stop	923.8555
Outreach Services and Partnerships	923.8774
Payroll	923.7168
President	923.7617
Registrar (transcripts, academic records)	923.7618
Research and Sponsored Programs.	923.8796
Student Engagement (activities, housing)	923.7666
Activities/Housing	923.7666
Dean of Student Engagement	923.7621
Director of Residence Life	923.8091
Director of Student Engagement	923.8125
Title IX Coordinator	923.8963
Student Health Services	923.7615
TRIO-Student Support Services (SSS).	923.8632
Undergraduate Admission.	923.7650

Marian University Campus Map



MARIAN
UNIVERSITY

Emergency
 Assembly
 AED

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> 1. Dorcas Chapel 2. Administration Building 3. One-Stop 4. Regina Hall 5. Student Health Services, Counseling Center 6. Cardinal Meyer Library 7. Ben Sadoff Science Hall 8. Horning Student Center 9. Bookstore, Campus Dining 10. Naber Hall 11. Early Childhood Center 12. Campus Services 13. Quad 14. Howard L. Sadoff Gymnasium | <ul style="list-style-type: none"> 11. Stayer Center for Technology & Executive Learning: Office of Admission, Adult and Graduate Admission, Financial Aid, Institutional Research, Institutional Effectiveness, Working Families Grant Program, Academic Technology 12. Todd Wehr Alumni Center 13. Campus Ministry Center 14.-15. CASE: Center for Academic Support & Excellence 16. Townhouses 17. Greek Life — A 18. Office of Marketing and Communications — B 19. Student Programming — C 20. Courtyards | <ul style="list-style-type: none"> 21. Smith Fields softball diamond 22. Smith Fields soccer field 23. Her-Baker baseball field 24. Lenz Field House 25. Cedar Creek Apartments 26. Office of the President 27. Agnes Center 28. Center for Health Professions 29. Duplexes — South National Avenue |
|--|---|--|

- 18: Human Resources, Business Office
- 30: Athletic Coaches
- 36: School of Education Offices
- 44: School of Education Offices
- 48: Graduate Assistants Residency
- 54: Advancement
- 60: School of Education Offices
- 74: School of Education Offices
- 96: Upward Bound Math and Science
- 102: Veterans Services Center

Connect with us!



MARIAN UNIVERSITY

45 S. National Ave. | Fond du Lac, WI 54935-4699 | 1-800-2-MARIAN | marianuniversity.edu

Founded 1936 • Sponsored by the Congregation of Sisters of St. Agnes