

Undergraduate Catalog 2014-2015



ANDERSON UNIVERSITY

Academic and Christian Discovery

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The material contained in the *Anderson University Undergraduate College Catalog* is for information only and does not constitute a contract between the student and the university. The catalog provides an overview of course offerings and content. It is not the official list of offerings for any given term. Students should consult the course schedule for the specific term(s) for which they wish to register. The university and its various units reserve the right to revise, amend, alter, and change from time to time its policies, rules, regulations, and financial charges, including those related to admission, instruction, and graduation, without notice to students. The university reserves the right to withdraw curricula and specific courses, alter course content, change the calendar, and withdraw or change programs and majors offered by the university without notice to students.

Anderson University maintains compliance with applicable Federal and State statutes related to private institutions of higher education including the Family Educational Rights and Privacy Act (FERPA), as amended; the Student Right to Know Act, as amended; and the Solomon Amendment. In compliance with the Civil Rights Act of 1964 and 1991, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 as amended, the university does not discriminate in its educational programs or admissions procedures. Anderson University is a not-for-profit exempt organization as described in Section 501(c)(3) of the Internal Revenue Code. The following individuals have been designated to handle inquiries regarding non-discrimination policies: Director of Human Resources, 1100 E. Fifth St., Anderson, IN 46012, telephone (765) 641-4133, and Director of Disability Services for Students, 1100 E. Fifth St., Anderson, IN 46012, telephone (765) 641-4223.

Letter from the President

Some of the most important work of a university is expressed in the official catalog of academic programs and requirements for earned degrees. Anderson University's dynamic learning environment is presented in these pages as opportunities for Academic and Christian Discovery. I invite you to explore our many programs that will be a pathway to faith and service in church and society. Ours is a learning community based on the core values of integrity, excellence, servant leadership, responsibility, and generosity. I hope these values will be an evident and inviting part of your college experience.

These pages also introduce a remarkable faculty of scholars who bring exceptional skills and knowledge to the classroom. I hold our faculty in the highest of respect. They serve with exceptional preparation and express an unwavering dedication to student success. As you come to know the faculty, you will realize the immense value of a relationship with these mentors who hold in common a love for their academic discipline, passionate engagement with Christ, and a love for their students.

At its best, the university provides a certain discipline for learning that ultimately leads to the freedom of inquiry true learning requires. For our learning community to be at its best, I invite you to share in a common commitment to Christian values and expectations that include generosity of spirit and grace-filled respect. As you examine the college catalog you will become familiar with the outline of expectations within various degree programs. One course often leads into another in a design that produces a rich and holistic experience. As you search for good choices, please know that our faculty and staff are outstanding in their ability to give guidance. They welcome your contacts as you plan your schedules and sort out requirements for the various programs. Please take the initiative to utilize these resourceful individuals. Ultimately, this is your educational experience, so I encourage you to take ownership and responsibility in your own planning.

Join in the adventure of a lifetime as together we embrace an ever-changing future firmly grounded in our faith where our gifts can make a difference for ourselves and for those whom we are called to serve.

Dr. James L. Edwards BA '65, MDiv '70
President



General Information

HISTORICAL PERSPECTIVE

Anderson University was founded and is supported by the Church of God, with headquarters in Anderson, Ind. Founded in 1917, the school was a major step in the life of a young and vigorous fellowship of Christians originating about 1880. This fellowship, which took on a common New Testament name, often describes itself as a reformation movement. Its vision was to preach and live out a message of holiness and to invite believers into a body united by a common experience in the saving grace of Jesus Christ.

The message of the church was firmly planted in the mainstream of Christian theology. The quest of this young movement was freedom from what it saw as artificial limitations of church structures and authoritative systems so that the essence of Christian truth might be realized again in

freshness and wholeness. The spirit of the movement was one of freedom and joy proclaimed in one early song of the church, “The Bible is our rule of faith and Christ alone is Lord.” Out of this history, a free and open tradition has provided a supportive context for the contemporary mission of Christian higher education.

The early witness of the church was through the publishing of inspirational material, songs, books, and a paper known as the *Gospel Trumpet*. Those who were committed to the publishing work and to the evangelistic work of the church recognized the need to train leaders and workers to take their places in the life of the church. An educational department of the publishing house was started and soon became known as the Anderson Bible Training School. The young school moved rapidly to develop a wider general education program, changed its name to Anderson College and Theological Seminary, then Anderson College, and finally, Anderson University.

Anderson University has grown to comprise an undergraduate liberal arts program organized into two colleges and three schools, a graduate School of Theology, and a center for adult education (the School of Adult Learning). The university offers several graduate degree programs, including the Doctor of Business Administration (D.B.A.), Master of Business Administration (M.B.A.), Master of Music Education (M.M.E.), Master of Science in Nursing (M.S.N.), and a dual Master of Science in Nursing – Master of Business Administration (M.S.N. – M.B.A.) degree.

More than 2,800 students and nearly 300 instructional and professional staff make up the academic community. The university is governed by a board of trustees ratified by the General Assembly of the Church of God, administered by a president and other officers, and staffed by individuals dedicated to the mission of Christian higher education. The motivating vision is to be a premier teaching university that is Christian in purpose, in relationships, in service, and in the hopeful potential held for the students, teachers, and staff members who make up this university.

THE MISSION

The mission of Anderson University is to educate for a life of faith and service in the church and society.

LIVING THE MISSION

Established and sustained within the free and open traditions of the Church of God, this university is committed to being a teaching-learning community of the highest order, engaged in the pursuit of truth from a Christian faith perspective.

Through academic and Christian discovery, we intend to graduate people with a global perspective who are competent, caring, creative, generous individuals of character and potential.

We offer quality programs that enable each member of the university to become stronger in body, mind, and spirit; to experience what it means to love God and neighbor; and to adopt Christ-like servant ways in all of life. *Approved by the Anderson University Board of Trustees in 2007.*

THE ASPIRATIONS, PERSPECTIVES, AND CONVICTIONS THAT INFORM OUR MISSION

As a church-related comprehensive institution of higher learning, Anderson University exists to assist students in their quest not only for relevant knowledge, meaningful relationships, and useful skills, but also for maturity in self-understanding, personal values, and religious faith. Its curricular design and community life seek to unite the objectivity and rigor of academic inquiry with a sense of perspective and mission emerging from biblical revelation. Charles Wesley’s concern is crucial: “Unite the pair so long disjoined — knowledge and vital piety.”

Anderson University seeks to highlight the freedom of the mind through inquiry, to emphasize the importance of individual worth and personal faith, and to foster the achievement of true community through shared experience and commitment as modeled in Jesus Christ, the servant. Specifically, Anderson University seeks to provide a superior education. As an institution centered in the liberal arts, Anderson University is dedicated to cultivating in each individual an awareness of the physical world, a sense of history, an appreciation of culture, spiritual maturity, a global perspective, social conscience, and an interest in the worth of ideas regardless of their immediate utility.

In addition, the university seeks to prepare thoughtful Christian leaders who are able to enter and compete successfully in graduate schools or the professional fields of their choice. Professional preparation and the liberal arts are not held as antithetical. To the contrary, the aspiration is to bring together the liberal arts, professional preparation, and biblical faith and understanding.

The university community has a faith perspective and is prepared to raise the questions of truth, value, meaning, and morality. It is not hampered by anti-religious bias, nor does it wish to be guilty of unexamined religious conformity. It lives in an atmosphere of free inquiry, even while it affirms that all knowledge is understood most fully in the light of God's redemptive activity in Jesus Christ as that is interpreted through the historic witness of the Bible and the contemporary ministry of the Holy Spirit.

ACCREDITATIONS AND RELATIONSHIPS

Anderson University is accredited by the Higher Learning Commission, North Central Association; website address www.ncahigherlearningcommission.org; phone (312) 263-0456. The School of Theology also is accredited by the Association of Theological Schools, 10 Summit Park Drive, Pittsburgh, PA, 15275-1103; phone (412) 788-6505.

In addition, professional and program accreditation has been granted by the National Council for the Accreditation of Teacher Education, the Council on Collegiate Nursing Education, the National Association of Schools of Music, the Council on Social Work Education, Commission on Accreditation of Athletic Training Education, and the Association of Collegiate Business Schools and Programs.

Anderson University also holds membership in the National Association of Independent Colleges and Universities, the Council of Independent Colleges, the American Association of University Women, the Council for Christian Colleges and Universities, the Institute of International and Intercultural Studies, Independent Colleges of Indiana, Indiana Conference on Higher Education, Indiana Campus Compact, and Indiana Consortium for International Programs. It cooperates actively with Chicago Center and the Christian Center for Urban Studies of Chicago, Ill. It cooperates with Purdue University in offering specialized programs in applied technology fields.

Anderson University students come from a wide variety of backgrounds and geographic locations. The university is authorized under federal law to enroll non-immigrant alien students. International students enrich the community with their own points of view and culture. Consequently, students find themselves immersed in a cosmopolitan environment alive with opportunities for learning. It is expected that students will be accepted on their own merits, without respect to wealth, position, sex, or color.

The university urges students to maintain high academic standards. Careful attention has been given to bringing together a faculty of academic, experiential, and personal competence. Scholastic standards are maintained with the expectation that students will discipline themselves to achieve their best work.

In welcoming students of all nationalities, races, and faiths, Anderson University aspires to treat each student as an individual. All student services — orientation, counseling, housing, testing, activities, student financial assistance, employment, TRI-S, health, placement, and religious life — are closely coordinated in an attempt to deal with each individual as a “whole person.” A significant objective is to increase the student's self-insight and self-discovery and to assist in the intellectual, social, aspirational, and spiritual development of the student.

Academic Programs

EDUCATIONAL PHILOSOPHY

Through the centuries, “higher” education has attempted to lead the learner toward growth and fulfillment in ways consistent with the assumptions and demands of the times. Standard components of this process evolved and became known as the “liberal arts.” These categories of learning were thought to be freeing and empowering, thus enabling maturity and responsibility in a person's thoughts, values, and actions.

In modern times, such liberal arts studies continue to have fundamental importance even though their content and design have continued to evolve as societal assumptions and demands have changed. Anderson University stands in this long tradition. It has designed for all its students a curricular pattern that includes standard components considered essential for meaningful and effective living in the 21st century.

As a Church of God academic institution, Anderson University is committed to the goals and ideals of liberal education as understood through a Christian faith perspective. The requirements for undergraduate degrees have been established with these commitments in view. The university's conception of liberally educated people involves the freeing and empowering of the total person — his or her spiritual, intellectual, aesthetic, emotional, and physical resources.

Liberal Arts Program

Anderson University has structured its liberal arts curriculum to develop students' skills, insight, and appreciation in five general content areas:

- I. **CHRISTIANITY AND BIBLICAL STUDIES** **REQUIREMENT: 7-9 HOURS**
Courses in biblical study and in other areas of religion designed to assist students to develop a critically based knowledge of the Bible and Christian thought and practice.
 - A. Biblical Literacy and Interpretation (4-6 hours)
 - B. Development of Christian Faith (3-hour upper division)
- II. **HISTORY AND THE CONTEMPORARY WORLD** **REQUIREMENT: 12-20 HOURS**
Courses designed to make students aware of human affairs in past and contemporary societies and to equip them to respond to issues and challenges in the global world.
 - A. History (3 hours)
 - B. Societal Structures (3 hours)
 - C. Global Studies (3 hours)
 - D. Complementary Upper-Division Course (3 hours)
 - E. Foreign Language (0-8 hours)
- III. **THE AESTHETIC** **REQUIREMENT: 3 HOURS**
Courses that study creative works which are crafted and valued as expressions and explorations of human experience. These courses stimulate an awareness of the aesthetic as an important way of knowing the world and enriching one's life and community.
 - A. Option A (one 3-hour integrative course) or
 - B. Option B (one 2-hour appreciation and 1-hour experiential course)
- IV. **THE ENVIRONMENT: SCIENCE AND MATHEMATICS** **REQUIREMENT: 7-8 HOURS**
Courses involving the study of the physical and natural world and the interactions of human beings with the world. These courses emphasize basic knowledge, methods, personal stewardship, and the language of science-mathematics.
 - A. Science (4-hour lab course)
 - B. Mathematics (3-4 hours)
- V. **THE INDIVIDUAL** **REQUIREMENT: 12-21 HOURS**
Courses which focus on an understanding of self and others and skills essential to effective participation in society. This includes the study of the ideals of human life as found in good intellectual, spiritual, and physical habits.
 - A. Liberal Arts Seminar (3 hours – 1-hour course + 2-hour course)
 - B. Use of the English Language (3-7 hours writing and 0-3 hours oral)

- communication — with two writing intensive courses)
- C. Fitness and Health (0-2 hours)
- D. Individual Thought and Behavior (6 hours from two separate course captions)

Because of the immediate usefulness of writing, oral communication, and mathematics, students should endeavor to complete the Use of the English Language and Mathematics components during the first college year. Students must enroll in the appropriate writing skills courses every consecutive semester until they have met the writing-skills requirement. Students must complete the Use of the English Language Writing requirement no later than the term in which 87 semester hours are completed. Students who fail to meet this requirement on schedule will be barred from Anderson University for at least one semester. The first-year-experience seminar (LART 1050) and the liberal arts seminar (LART 1100) must be taken within the first 24 hours at Anderson University. Students must continue to take LART 1050 and LART 1100 as offered until the requirement is met. In addition, students should endeavor to complete the Foreign Language component during the first college year. If necessary, however, the Foreign Language component may be completed after the first year, preferably no later than the second year.

Courses applicable to the content areas are approved annually and published in a document called “Courses Applied to the Liberal Arts Curriculum for the Academic Year.” Students may apply a course to a given content area if the course is taken in the year in which it is listed in the document for that academic year. The approved list for each year is available at <http://www.anderson.edu/registrar/liberal-arts.html> or may be obtained in person in the Registrar’s Office.

The phrase “upper-division course” means a course numbered 3000 or above. These courses are designed primarily for upper-division students and may assume some prior introductory understandings.

For details on how Honors Program (HNRS) courses apply to the liberal arts curriculum, see the Honors “Courses of Instruction” section of this catalog.

Liberal arts program requirements are defined in terms of courses to be taken at Anderson University. If post-secondary courses taken before enrolling in Anderson University do not qualify under normal procedures, students who feel they have fulfilled liberal arts requirements may request that these courses be accepted. Students who, because of prior experience or background, find a particular requirement redundant or inappropriate may request an alternate way of satisfying that requirement. All such requests should be submitted to the Registrar’s Office.

LEARNING OUTCOMES

Faculty at Anderson University have approved learning outcomes that must be addressed in courses that are approved for inclusion in the liberal arts requirements. These learning outcomes are as follows:

- **Critical reasoning/thinking** — Opportunities will be provided to develop intellectual curiosity, independence of thought, and an ability to formulate and test positions on major questions.
- **Communication** — Opportunities will be provided for students to speak and write both within their major fields of study and more general areas with clarity and precision. The experiences will develop an ability to listen and respond effectively to the expression of ideas by others, and they will have the technological and bibliographic skills needed for the development of defensible positions.
- **Cross-disciplinary view** — Opportunities will be provided for students to develop a variety of perspectives on major issues, events, and questions.
- **Openness to truth** — Opportunities will be provided for students to appreciate the nature of knowledge and the pursuit of truth, an often difficult but ultimately worthwhile effort. Courses will incorporate discussion and experiences that encourage an understanding of the need for continuing study and for learning more of God’s truth on the continuing questions of human existence and society.
- **Christian commitments and practices** — Opportunities will be provided for students

to explore the relationship between Christian commitments and practices and personal and global questions and issues. They will be encouraged to explore their obligation for service in personal and professional areas of life and have a sensitivity to their relationship to God, the church, and society.

- **Preparation for service** — Opportunities will be provided for students to develop the knowledge, skills, and dispositions required in graduate or professional education or when seeking a job. We consciously bring together the liberal arts, professional preparation, and biblical faith and understanding to assist students to serve in diverse local, national, and global societies.

As an institution committed to Christian service, Anderson University strives through its curricula and informal activities to achieve student development in these areas, providing the breadth and depth necessary for the fullest preparation for life.

The liberal arts program requirements are defined in terms of courses to be taken at Anderson University. The most current list of approved courses is available online at <http://www.anderson.edu/registrar/liberal-arts.html>, and may also be obtained in person in the registrar's office.

If post-secondary courses taken before enrolling in Anderson University do not qualify under normal procedures, students who feel they have fulfilled liberal arts requirements may request that these courses be accepted. For more information, contact the office of the university registrar.

INSTITUTIONAL ASSESSMENT

In its efforts to improve the quality of instruction at Anderson University and meet the requirements of the Higher Learning Commission of the North Central Association, the university has elected to engage in outcome-based assessment activities. These endeavors occur at the institutional level addressing the liberal arts curriculum and the departmental level evaluating the outcomes of the major. Data generated from these assessment activities are analyzed and recommendations developed to improve the educational activities of the university. In order to accomplish these aims, students are invited and expected to participate in assessment activities at both the institutional and departmental levels.

Admissions Information

ADMISSIONS PROCESS

- All application materials are available on the web at www.anderson.edu/admissions. Forms may be completed on our website or downloaded and printed for completion offline.
- The application fee is waived when completed online. Paper applications must be returned to the Office of Admissions with the required fee.
- An information form must be completed by the applicant's high school guidance counselor and returned to Anderson University, along with an official high school transcript and test scores.
- Because the university is concerned with students' spiritual development, we ask that one reference come from a pastor, youth leader, Sunday school teacher, or someone else who can speak of the applicant's spiritual development.
- Instructions to complete the online room reservation form are included in the acceptance packet mailed once an applicant is offered admission. To retain a reservation on the residence hall list, the non-refundable \$100 enrollment deposit must be paid by May 1 for Semester I, and by Dec. 1 for Semester II. For more information, see the Student Life Policies section in this catalog.
- Take a college entrance examination and request that the scores be sent to Anderson University. The SAT of the College Entrance Examinations Board or the ACT of the

American College Testing Program are acceptable. Code numbers used on scores to be sent to Anderson University are #1016 for the SAT and #1174 for the ACT. It is recommended that the tests be taken during Semester II of the junior year or early in the senior year. These tests are given at specified locations throughout the world. Detailed information and registration forms for the test may be secured from high school principals, guidance counselors, or the College Entrance Examination Board.

- The Report of Health History form must be returned to the Office of Student Health Services no later than Aug. 1 for Semester I, and Jan. 1 for Semester II. Instructions to download and print the form will be mailed to the applicant after acceptance, or earlier if requested.
- Applicants will receive periodic updates detailing any information still needed to complete the application.

ENROLLMENT DEPOSIT

A non-refundable enrollment deposit of \$100 is required of all new applicants by May 1 of the year in which students plan to enroll, or three weeks after acceptance (and the awarding of financial aid, if applicable), whichever date is later. The deposit deadline for Semester II is Dec. 1. After enrollment, the deposit of \$100 will be applied as a payment toward semester charges.

TRANSFER STUDENTS

Anderson University welcomes applications from transfer students. The same credentials are required as for freshmen applicants with the following exceptions:

- The admissions committee decides whether transfer students must submit SAT or ACT scores.
- The admissions committee reserves the right to place students transferring with GPAs below 2.00 on academic probation with a limit of 12 hours per semester for one semester or until a 2.00 GPA is achieved.
- Students must submit transcripts from all colleges attended.

For information regarding transfer of credit earned from another institution, see the Academic Policies section in this catalog.

READMISSION

Students planning to return to Anderson University after an absence must complete a readmission form, which can be obtained online at www.anderson.edu/admissions.

Transcripts of all college work taken since the last date of registration at Anderson University must be submitted. All students applying for readmission must be approved by the provost, the dean of students, and the Business Office before final readmission can be granted.

INTERNATIONAL STUDENTS

Anderson University is registered with and authorized by the Department of Homeland Security, through the Code of Federal Regulations, to issue Form 1-20 A-B/I-201D authorizing the full-time enrollment of F-1 (visa) students who are citizens of other countries.

The cultural richness and variety of experiences brought to Anderson University by international students is well regarded and welcome.

Following written application and submission of required materials, applicants are individually considered for academic eligibility. Application and verification of English proficiency, financial resources, and scholarly qualification must be on file before May 30 for Semester I admission.

Anderson University has no intensive English language program and cannot admit students who do not meet minimum English standards.

Applicants seeking financial aid will receive committee review only when academic eligibility based on submitted application materials has been granted.

Competitive scholarships for academic excellence require university acceptance by December of the year preceding enrollment. Financial assistance based on economic need is limited, awarded annually, and should have an early spring acceptance.

International students should expect to experience academic, spiritual, and social growth in a campus community of faith where mutual respect and Christian service are emphasized.

Address questions and requests for information to:

International Admissions

Anderson University

1100 E. Fifth St.

Anderson, IN 46012-3495

U.S.A.

Email: international@anderson.edu

DISABILITY SERVICES FOR STUDENTS

Anderson University offers learning-support services for all students who qualify under the ADA/Section 504 of the Rehabilitation Act of 1973. To secure support services, students must notify the appropriate institutional representative of the disability, provide current documentation of the disability and request the specific accommodations needed. Certain accommodations may require advance notice to the director of disability services for students.

Documentation/evaluations must be completed by an appropriately trained professional and provide information about the current impact of the disability. Documentation/evaluations should also include recommendations for appropriate accommodations. The institution must be given reasonable opportunity to evaluate requests. Accommodations/modifications are considered based on individual need.

Accommodations/modifications may be denied in cases that cause an undue burden to the institution or that fundamentally alter the nature of the program. Students requesting academic adjustments or learning support services should contact Teresa Coplin, director of disability services for students, Kissinger Learning Center, Anderson University, Anderson, IN 46012, (765) 641-4223.

FEES

All students have the benefit of a “scholarship” since they do not pay the full cost of their education. The Church of God, alumni, businesses, industries, foundations, and private donors contribute substantially to underwrite the education cost of each student attending Anderson University.

The following charges are for the 2014-15 academic year. Costs for the 2015-16 academic year will be announced when finalized.

The 2014-15 basic budget per semester is:

Tuition	\$ 13,385
Room	2,960
Food Service Plan	1,665
Fees	40
Total	18,050

This budget provides admission as a full-time student enrolled for 12-18 hours. Students are also responsible for field trip costs. Room rent is based on two people per room in most regular university residence halls. Residential freshmen, sophomores, and juniors are required to purchase a food service plan.

The university food service plan offers students various dining options around campus, including the Marketplace (main cafeteria), Raven's Haven (Chick-fil-A and bistro), Raven Xpress (grab and go), and Create (snack bar). Menu selection and hours of service vary to accommodate students' needs and schedules.

Besides these basic costs, students should budget \$1,750-\$2,000 each semester for books, additional meals, and incidental expenses. Rates stated above are subject to change.

Although all tuition, room, and board charges are due and can be paid at the beginning of each semester, a monthly payment plan is available. Information regarding the payment plan is sent to all new and returning students. Payment plan information is available in the Office of Student Financial Services.

SPECIAL FEES (THESE FEES APPLY ONLY TO SPECIAL COURSES OR SITUATIONS)

Application fee	\$ 25
Tuition — Semester I and II (per semester hour)	
Less than 12 hours	1116
19 or more hours, as eligible	558
Tuition — Summer School (per semester hour)	370
Health services fee (per semester)	40
First-year experience fee	110
Supervised student teaching fee	385
Pre-clinical experience fee	150
Nursing testing fees	50-450
Off-campus study fee	350
Private music lessons (in addition to regular tuition)	
One half-hour lesson per week	345
One hour-long lesson per week	520
Accompanist fee	75-105
Recital fee	135-175
Class voice fee	145
Misc. music class fees	25-35
Studio art materials fees	45-150
Physical education fees (in addition to regular tuition)	
Bowling	75
Scuba	110
Individual sports class	60
Auditing fee (per semester hour)	90
Examination fee for institutional exam (per semester hour)	225
Change of schedule fee (after first week)	10
ALPHA program fee	250
NATA membership fee	75
Science and engineering fees	100-900
Misc. liberal arts class fees	18-55

REFUND POLICIES

Registration constitutes a contractual agreement between the university and the student. Students withdrawing from all classes after classes have begun or reducing the number of hours carried may be entitled to a reduction in charges for tuition, room rent, and meal ticket. Reductions for withdrawals or schedule revisions occurring on or before the end of:

- first week of classes — 90 percent reduction
- second week of classes — 80 percent reduction
- third week of classes — 60 percent reduction
- fourth week of classes — 40 percent reduction
- fifth week of classes — 20 percent reduction
- sixth week of classes — no reduction

Adjustments are based upon the date of official withdrawal. Official withdrawal from all classes must be completed by an interview with the dean of students. The official date of withdrawal will be the date that contact is made. In extenuating circumstances, students may initiate complete withdrawal from all classes by telephone or letter to the dean of students. The official withdrawal date should be the date such contact is received by the dean of students.

Reductions are based on charges made to students and not the amount paid on the students' accounts. There is no reduction of any charges for students who have been dismissed or suspended for disciplinary reasons. Proportional adjustments may be made for summer sessions and those classes where the start dates are not part of the standard term dates.

Questions concerning the policy for complete withdrawal should be directed to the dean of students. Questions of adjustment for reducing the number of hours should be directed to the Registrar's Office.

FINANCIAL AID

Anderson University seeks to provide financial counseling and assistance to all students desiring such services. A number of aids and resources are available to the university to assist the varied financial needs of Anderson University students.

Most aid at Anderson University is based on financial need. Financial need can be defined as the difference between the cost of education and the anticipated financial contribution from the family toward college costs. Anderson University believes the basic responsibility of educational financing rests with students and their families.

Financial aid is offered to Anderson University students through a combination of aid programs available from federal, state, and local sources. This combination of sources is referred to as a financial aid package. The financial aid package is generally offered with two components of aid: non-repayable assistance (grants or scholarships) and self-help assistance (student loans and employment).

To be considered for need-based financial assistance, students must submit a Free Application for Federal Student Aid (FAFSA). Financial aid is awarded annually; March 1 is the preferred date for receiving the FAFSA. Aid requests are considered after March 1 and throughout the school year from the available funds remaining after the preference date.

Occasionally, students may find it necessary to vary their enrollment status (i.e., changing from full-time student to part-time). Because eligibility to the financial aid programs is related directly to enrollment status, students should consult with the Office of Student Financial Services to learn what effect, if any, their contemplated change of enrollment will have on their financial aid.

Additional policies and procedures are published annually in the Financial Aid Handbook, available from the Office of Student Financial Services or on the web at www.anderson.edu/finaid.

VETERANS BENEFITS

Anderson University attempts to make a good-faith effort to comply with Executive Order 13607: establishing Principles of Excellence for educational institutions serving service members, veterans, spouses and other family members. These principles were established to strengthen oversight, enforcement, and accountability of education programs, and to ensure all service members, veterans, and their families have the necessary information they need to make informed decisions concerning their educational goals.

Anderson University complies with regulations of the State of Indiana Department of Veterans Affairs, Veterans Educational Unit, including approval of the university calendar, tuition and fees schedule, and the academic policies of the university. The university is authorized to enroll recipients of Veterans Administration benefits in regularly scheduled credit courses leading to standard college degrees.

Inquiries concerning eligibility should be directed to the Veterans Administration office in the veteran's home area. Individuals planning to study under one of the education chapters should receive approval before enrolling. More information is available online at www.anderson.edu/registrar/Veterans-Benefits.html.

Academic Degrees

DEGREE PROGRAMS

The undergraduate division of Anderson University offers the Bachelor of Arts degree, the Bachelor of Science in Engineering degree, the Bachelor of Science in Nursing degree, and the Bachelor of Music degree to students completing a prescribed four-year course of study, and the Associate of Arts or Associate of Science degree to students completing a prescribed two-year course of study.

While the university makes every effort to assist students through the academic advising system, the final responsibility for meeting all academic and graduation requirements rests with each student. The catalog under which the student enters and/or graduates serves as the official record of admission, academic, and graduation requirements.

To earn Anderson University degrees, students must be in residence at the university for the last 24 hours applicable to the degree. Under some circumstances, and with special permission, a maximum of 6 hours of the final 24 hours may be taken elsewhere. If the coursework taken at another institution falls within the last 24 hours, a petition to take hours out-of-residence must accompany the request to take courses elsewhere. Contact the office of the university registrar for information.

ASSOCIATE'S DEGREE

- Complete 60-70 hours, as specified in the departmental concentration listing. Distribution of a portion of these hours must be in the liberal arts program as specified by the program department.
- Departmental concentration of specific courses in an area of study.
- Achieve a minimum GPA of 2.00.
- Achieve a minimum GPA of 2.00 for all courses specified in the area of concentration.
- All full-time students must attend chapel-convocation each semester in residence.
- Meet residence requirements, listed elsewhere.

It is the responsibility of the student to plan for and complete graduation requirements. Students with questions should consult with the appropriate academic advisor, the office of the university registrar, or the dean of the appropriate college.

ASSOCIATE'S DEGREE AS A SECOND DEGREE

A student already holding a degree from another institution may earn an associate's degree from Anderson University under the following guidelines:

- Adequate work must be done at Anderson University to provide a satisfactory basis for evaluating student performance.
- Adherence to the general associate's degree requirements as stated in the catalog.
- All requirements for the specific associate's degree must be met.
- Completion of a minimum of 18 hours, all of which must be earned at Anderson University.
- No more than 6 hours of a previous degree may be used in building the associate's degree concentration.
- If elective hours are needed to complete the minimum, they should be supportive of the area of concentration.

Individuals holding an Associate of Arts degree from Anderson University may not earn a second Associate of Arts degree. Students desiring to pursue an additional concentration should consult with the office of the university registrar.

BACHELOR'S DEGREE

- Complete 120 hours.
- Achieve a minimum GPA of 2.00 (out of 4.00).
- Complete requirements of all components in the liberal arts program (see the Liberal Arts Program section in this catalog).
- Declare a major, as specified in the departmental listing, with a minimum GPA of 2.00 for all courses applied to the major.
- All full-time students must attend chapel-convocation each semester in residence.
- Meet residence requirements (see the Academic Policies section in this catalog).

It is the responsibility of the student to plan for and complete graduation requirements. Students with questions should confer with the appropriate academic advisor, the office of the university registrar, or the dean of the appropriate college.

BACHELOR'S DEGREE AS A SECOND DEGREE

Students already holding bachelor's degrees from other institutions may earn the Bachelor of Arts degree, the Bachelor of Science in Engineering degree, the Bachelor of Science in Nursing degree, the Bachelor of Music degree, or the Bachelor of Science degree from Anderson University by completing a minimum of 30 additional hours. All graduation requirements must be met. A different major must be chosen from the major earned in the previous degree; not more than 12 hours from the previous degree may be used in building the new major. A projected program for the Anderson University degree should be planned by the student and advisor and approved by the university registrar no later than the third week of the semester in which the work is begun.

Students holding a baccalaureate degree from Anderson University may pursue a second baccalaureate degree by completing the requirements listed above. Students holding the Bachelor of Arts degree from Anderson University may not earn a second Bachelor of Arts degree, but they may earn additional majors after graduation. Students holding other Anderson University baccalaureate degrees may earn additional majors after graduation, but must complete all liberal arts requirements that normally accompany the new major. Students desiring to pursue additional majors and/or minors should consult the office of the university registrar.

TWO DEGREES CONCURRENTLY

Students who wish to earn any two degrees (B.A., B.M., B.S.E., B.S.N., or B.S.) concurrently must accumulate 30 semester hours of credit beyond the 120 credit hours required for the first degree. In addition, they must fulfill the liberal arts requirements for both degrees and the requirements for the major in each degree program.

Attendance Policies

RESIDENCE REQUIREMENTS

To earn a degree from Anderson University, students must be in residence at the university for the last 24 hours applicable to the degree. Under some circumstances, and with special permission, a maximum of six hours of the final 24 hours may be taken elsewhere. Contact the office of the university registrar for information.

CLASS ATTENDANCE

Effective learning in a university requires the active involvement of both students and faculty. Students are expected to attend all classes unless prevented by extenuating circumstances. Inasmuch as students are responsible for the learning that may develop from both in-class and out-of-class experiences,

they should anticipate absences for good cause (such as varsity athletic trips, field trips, music, drama, and debate trips) and advise their instructors of such absences as far in advance as possible.

Any absence from a class results in a loss of learning for the student. It is the student's obligation to personally notify the individual course instructor(s) about any absence, in advance if possible. Students may be directly penalized only after the number of absences exceeds the number of class meeting hours per week. Where a student misses more than the number of classes stated above, the course instructor has the discretion to allow for the completion of missed work and to determine how such work will be evaluated, including possible penalties.

ACADEMIC LEAVE OF ABSENCE

Anderson University offers undergraduate students who are in good standing, as defined by AU's academic policy, and who are not subject to disciplinary action the opportunity to request an academic leave of absence.

Leave of Absence Policy — The Leave of Absence Policy applies to students who are pursuing a degree from Anderson University but leave the university for a semester to participate in a study abroad program, internship, or practicum which is not done with an AU matriculation. The leave of absence also applies to students who, due to circumstances beyond their control such as the need to care for ill parents, the onset of a personal illness or military training, must suspend their enrollment in classes for a semester. A leave of absence is typically granted for one semester but can, depending upon the specific circumstance, be granted for a full academic year if the student intends to return to Anderson University for the completion of a degree. To qualify, students must be in good academic and financial standing and must complete the required application forms.

The academic records of students granted an academic leave of absence remain in an active status. While on academic leave of absence, the student retains the right to use some campus facilities such as the AU library, student counseling services, and career services.

Due to Visa restrictions, international students may not be eligible for academic leave.

CHAPEL-CONVOCATION

Chapel-convocation meets every Tuesday and Thursday. It is an important setting in which the student body gathers regularly for worship, enrichment, and community-building. Speakers include campus personalities and guests from across the nation. Students participate in music and worship leadership. Because of its unusual significance to campus life, attendance is required of all full-time students.

Catalog Policies

PROGRAM AND POLICY CHANGES

The schedule of classes for each academic year is published the preceding February. Both the master schedule of classes and this catalog are regarded as official statements of anticipated course offerings. The university reserves the right to change courses or cancel any course for which enrollment is less than six students or for which satisfactory arrangements cannot be made.

In addition to courses listed in the catalog, departments may offer special seminars or other courses, as the need arises, under the numbers 1600, 2600, 3600, and 4600.

COURSE NUMBERING SYSTEM

1000/2000-Level Courses

In general, courses in the 1000 or 2000 series count toward the liberal arts requirements and are to be taken during the freshman or sophomore years. Some courses in the 2000 series are first-level courses applicable to a given major or specialization.

Upper-Division (3000/4000-Level) Courses

Courses listed in the 3000 and 4000 series are considered upper-division courses and are primarily intended for juniors and seniors. However, freshmen or sophomores in good standing may be allowed to take upper-division courses if they have met the prerequisites and have the approval of their advisors.

COURSE CAPTIONS

Each course in the catalog is listed under a particular caption, a four-character code that identifies the discipline or field of study to which the course is related. Courses offered by the university are listed under caption headings in the sponsoring department's or program's section in this catalog (see Courses of Instruction).

Designation of hours — classroom and lab

The designation "3 hrs. (3, 2)" after a course title means that this three-credit-hour course meets in a standard classroom setting three hours weekly and two additional hours weekly in a laboratory setting.

Schedule and Registration Policies

ACADEMIC ADVISING

The primary purpose of academic advising is to aid students in their pursuit of meaningful educational programs which will aid them in identifying and fulfilling their goals, including career considerations. Ultimately, it is each student's responsibility to plan for and meet all graduation requirements.

Advising assists students in:

- understanding the university's commitment to the effective development of body, mind, and spirit in the context of the liberal arts;
- understanding the university's support services available to them;
- understanding the university's policies and procedures;
- making decisions based on available information; and
- examining their progress toward the realization of their goals.

Furthermore, advising assists the institution in program and policy development or modification by providing information gained from the advisor/student relationship. Thus, the institutional goals for academic advising are to assist students in:

- effective development of body, mind, and spirit;
- incorporation of the liberal arts in life planning;
- clarification of life goals;
- development of suitable educational plans;
- selection of appropriate courses and/or educational experiences;
- evaluation of progress toward established goals;
- use of university support services;
- development of decision-making skills;
- reinforcement of student self-direction; and
- re-evaluation of life goals and educational plans.

Following admission to the university, students may register by coming to the campus to receive personal assistance in curriculum orientation and scheduling and registration of courses. This advising process assists students in immediate as well as long-range course planning and approves their class schedules for each semester or term.

Faculty mentors serve as advisors after students matriculate and until they declare a major, after which faculty in the declared department will be their advisor.

Advisors assist students in choosing required courses of study and planning their class schedules.

Although students are directly responsible for meeting graduation and other requirements, they are urged to consult frequently with their advisors concerning the best procedures and sequences in registration.

Students should work with their advisors in monitoring their progress toward their degrees. If students' grades are low in any grading period, they are urged to consult with their advisors relative to proper remedial steps.

ACADEMIC LOAD

A full-time academic load is 12-18 hours. Upon approval from their school dean, students with records of above average academic performance may register at additional cost for additional hours. Summer school terms, international opportunity, or transfer work may not be used to establish a semester GPA.

The number of hours taken each semester is dependent upon a student's GPA.

- Students with 3.25 GPA may register for 19 hours.
- Students with 3.50 GPA may register for 20 hours.
- Students with 3.75 GPA may register for 21 hours.

These guidelines also apply to students who have earned 52 or more hours, and whose cumulative GPAs at the time of registration meet the stated standards. The factors of previous academic achievement, type of courses to be taken, and demands of employment must also be recognized.

COURSE REPETITION POLICY

Students may repeat courses for which they received a C- or lower by simply re-enrolling in the same institutional courses. If students wish to repeat courses for which the departmental captions or numbers have changed, they must petition the university registrar. Furthermore, students may repeat courses for which they received a C or above by petitioning the dean of the college in which each course is offered to grant an exception. The following rules apply in all cases:

- Students may repeat any given course a total of only two times during their academic careers.
- A withdrawal (W, WF or AW) grade counts as an attempt, but it does not change the previous grade.
- All previous grades received will remain on students' academic records.
- Only the most recent grade received will be used in calculating GPA.
- Credit hours earned toward graduation will be counted for only the most recent course taken.

This policy does not apply to Anderson University credit by examination or transfer credit. The course repetition policy does not apply to courses taken at other colleges or universities and transferred to Anderson University.

AUDITING A COURSE

As a means of enrichment to the student, Anderson University recognizes the following ways of auditing a course:

- I. Occasional class visitation: A student may wish to visit a class to hear a lecture and/or a discussion on a given topic. The instructor's consent is the only necessary requirement.
- II. Auditing one course without fee: Any student registered for 12-18 hours who has a satisfactory academic record may wish to attend an additional class on an Informal Audit or Recorded Audit basis.
 - A. Informal Audit: Infrequent attendance of a class with no course obligation. Although formal registration is not required, the student must have the written consent of the instructor. Permission forms are available in the Registrar's Office. No record is made of the audit on the student's permanent record card.

- B. Recorded Audit: Regular attendance with normal course obligations for the purpose of having the audit recorded on the student's permanent record card. In this situation, the student should follow these procedures:
1. Register as an audit using the Schedule of Classes form or Change of Schedule form, signed by the advisor.
 2. Adhere to attendance regulations.
 3. Complete sufficient work of "C-" quality or better in order to have the audit recorded.
 4. Changes of schedules to or from an audit must be done no later than the end of the 5th week of the semester.

The course will be recorded on the student's permanent record card as an audit if the above conditions are met and the student does satisfactory work in the course. If the above conditions are not met, the instructor will notify the Registrar's Office and no record of the audit will be made.

- III. Auditing with payment of fee: A student who does not meet the specific requirements as outlined above may, upon payment of the per semester hour audit fee, audit a course as outlined under "A" or "B" of item II above.

As a means of enrichment for students, opportunities for auditing courses related to their vocational pursuits or special interests are provided. Students may audit a course with payment of an audit fee. Students may change their registration to or from audit through the end of the fifth week of the semester.

READING COURSES

Reading courses allow students to do coursework without having to attend scheduled class sessions. A student wishing to complete a reading course should meet with the professor to discuss course expectations as articulated in a course syllabus. Work is then done independently, preferably with scheduled assignments due throughout the specified time frame. Reading courses are available only for classes that are appropriate for this type of study.

Normally, reading courses should be taken only in the summer. Reading courses will follow the institution's withdrawal and refund policies. Refunds will be based upon the official beginning and withdrawal dates, and then only when contact is made with the director of summer school.

To be eligible for reading courses, a student must have a cumulative GPA of 2.50 or higher. For courses not listed in the Schedule of Classes, the instructor, the chair of the department in which the course is lodged, and the director of summer school must sign reading course petitions.

For any further questions regarding summer reading courses, contact the director of summer school.

TRANSFER OF CREDIT FROM OTHER INSTITUTIONS

The office of the university registrar will evaluate and determine the applicability of all college credits to be transferred from other institutions. Students who transfer a substantial number of hours from other institutions are required to complete at least 50 percent of their majors, minors, or professional fields at Anderson University. This will afford the university the necessary student contact for graduation approval and for institutional recommendation.

Generally, credit is accepted without condition for courses with a grade of C- or above from traditional institutions holding regional accreditation. Students should consult with the office of the university registrar concerning policy on acceptance of credit from non-traditional institutions and institutions not holding regional accreditation.

GPA is figured only on work completed at Anderson University. Grades for courses from other institutions do not transfer in.

All students with citizenship in a country other than the United States who wish to transfer credit to Anderson University are required to pay a \$190 transfer evaluation fee (subject to change).

Transfer courses may be considered applicable to the liberal arts requirement for advanced writing competency (writing intensive) if either the transcript indicates that the course was counted toward the

other institution's advanced writing requirements which meet or exceed Anderson University requirements (see advanced writing competency/writing intensive requirements in the Liberal Arts Program section in this catalog), or the student can produce a syllabus that clearly shows how the course satisfies Anderson University requirements. Sixty-four maximum transfer credits is granted for all coursework with a grade of "C-" or better completed at a regionally accredited college or university.

TRANSFER OF CREDIT — CURRENT STUDENTS

Students currently enrolled at Anderson University must obtain permission from the university registrar to take courses elsewhere if they intend to transfer that coursework to Anderson University. Courses need to be taken at a regionally accredited college or university on the semester system.

Before completing the request form, a schedule of classes from the other institution should be consulted to verify the availability of desired courses. A catalog description from the other institution is required to determine the applicability of the intended coursework toward the liberal arts or specialization requirements. Students who have a declared major need departmental approval as well as approval from the university registrar.

A final grade of C- or above must be earned. No credit points will be recorded for transfer credit since semester and cumulative GPAs are figured on Anderson University work only. Grades for courses from other institutions do not transfer in. The Anderson University Course Repetition Policy requires that the same institutional course be repeated to adjust the GPA; therefore, the repetition policy does not apply to transfer credit.

INDEPENDENT STUDY

Independent study allows students to do individual work on projects or topics of special interest to them under the supervision of faculty members but is not included in the regular catalog offerings. Topics are chosen in consultation with faculty members and are usually topics in students' major fields of study. To be eligible, students must qualify under one of the following:

- Upper-Division: Juniors or seniors with cumulative GPAs of 3.00 or higher who have completed 12 hours in the subject area (if the independent study is in the major). Department chair's and instructor's permission required.
- Lower-Division: Students with cumulative GPAs of 3.00 or higher or whose background is determined to be adequate by the department chair and instructor in the field of study. Department chair's and instructor's permission required.

Transfer students may pursue independent study if they qualify under either of the above.

Transfer students may pursue independent study if they qualify under either of the above.

Students may schedule a maximum of 8 hours of independent study applicable to a major, 4 hours to a minor, and no more than 4 hours in a given semester.

INSTITUTIONAL EXAM

Anderson University recognizes the need for student advancement according to ability and achievement. Therefore, students who are competent in a given subject by reason of their particular background or experience outside the university classroom may choose to receive credit by institutional examination. Examinations are to be taken prior to enrollment in the next level course. Not all courses, however, are appropriate for credit by institutional examination.

Results from Anderson University institutional examinations, the Advanced Placement Program of the College Board, and a limited number of hours or courses from the College-Level Examination Program of the College Entrance Examination Board are considered for purposes of advanced standing or advanced placement.

Students must earn a grade of C- or above in the Anderson University institutional examinations to receive credit for the courses. Satisfactory-unsatisfactory (S-U) grading option is available as well as regular letter grades. Graduating seniors must have examination results on file in the office of the university registrar by April 1 of their graduation year.

ADVANCED PLACEMENT

Advanced placement and/or credit may be earned through placement examination for a maximum of 30 credits. The four examinations Anderson University recognizes are the Advanced Placement Program (AP) of the College Board, the College Level Examination Program (CLEP), the Cambridge International Examinations (GCE A level), and the International Baccalaureate Program, subject to approval by the department.

Credit received by examination is tuition-free and applies toward the requirements for graduation. For more information, consult the university website at www.anderson.edu/registrar/TransferCreditPolicy.html for the most current and updated information.

HONORS STUDY

Honors study at Anderson University varies by department. In general, such study may take the form of advanced placement, institutional credit by examination, special sections in some courses, certain reading courses, tutorials, seminars, and individual study.

In some instances honors study begins at the freshman and sophomore levels, particularly advanced placement and special sections. Seminars and individual study are usually implemented at the junior and senior levels. Special reading courses and tutorials may be taken at either level.

At any level, the primary purpose of honors study is not acceleration but enrichment in both scope and depth. Students considering honors study should consult their advisors or the university registrar.

For more information on honors study at Anderson University, see the Honors Program section under Courses of Instruction in this catalog.

WITHDRAWAL FROM COURSES

Official withdrawal from all courses must be completed by interview with the dean of students. The official date of withdrawal will be the date the contact is made. In extenuating circumstances, students may initiate complete withdrawal from all courses by phone or letter to the dean of students. The official withdrawal date should be the date such contact is received by the dean of students.

Students desiring to drop courses may do so through their assigned academic advisors. Students are required to present the office of the university registrar with change-of-schedule forms noting the changes and their advisors' signatures.

Questions concerning the policy for complete withdrawal should be directed to the dean of students. Questions regarding adjustment for reducing the number of hours should be directed to the Office of the University Registrar.

UNIVERSITY-INITIATED WITHDRAWAL

The faculty assigns "WF" at any time before the tenth week of the semester or by the dean of students whenever it is deemed appropriate. It is assigned either when a student has stopped attending classes without officially withdrawing or when a student is withdrawn for disciplinary reasons. For purposes of grade point average calculation "WF" is equivalent to "F."

TRANSCRIPTS

Students wanting transcripts of their university work must present a written request to the university registrar, giving at least one week's notice. A fee of \$3 is to be included with the request. All financial obligations to the university must be arranged to the satisfaction of the business office before transcripts will be released. Transcripts may be ordered online at www.anderson.edu/registrar/transcript.html.

Academic Policies

ACADEMIC STANDING

To be in good academic standing, students must maintain the following standards:

Hours Earned	GPA
1-29	1.6
30-59	1.8
60 or more	2.0

ACADEMIC PROBATION

Students may be dropped from the university at any time when excessive class absences or academic performance indicates inability or unwillingness to achieve normal progress toward a degree. Typically, however, students not in good academic standing are placed on academic probation for a maximum of two consecutive semesters.

In general students on academic probation may not participate in any extracurricular activities. The provost or the vice president for student life has the final authority over the conditions placed upon students on academic probation.

All students on academic probation are expected to develop and sign an academic support contract with the director of educational support services before attending classes. The academic support contract may include, but is not limited to, such items as study assistance, limits on work commitments, housing, course load, and class attendance.

Students not achieving acceptable standards are barred from returning to Anderson University for a period of at least one semester. Students, who are readmitted, after having been barred once, are expected to attain a 2.00 current GPA in their next 12 hours and must continue to achieve or make substantial progress toward the stated minimal standards in order to continue. If they are barred again, it will be for at least two years. Any subsequent readmission will be regarded as a final opportunity to continue studies at Anderson University.

The provost may request the barring appeals committee to review and make recommendations regarding cases when necessary. Extenuating circumstances may justify the continuation of students whose cumulative grade point average falls below the stated standards.

CLASSIFICATION OF STUDENTS

Class identification at Anderson University is determined as follows:

- Freshmen: Students who have completed fewer than 24 hours of college credit.
- Sophomores: Students who have completed 24-51 hours of college credit.
- Juniors: Students who have completed 52-87 hours of college credit.
- Seniors: Students who have completed 88 or more hours of college credit.
- Lower-Division Students: Freshmen and sophomores.
- Upper-Division Students: Juniors and seniors.
- Part time: Students carrying 1-11 hours.
- Special: Audit, guest students, and high school students.
- Children or adults who are taking music lessons but are not doing academic work at the university level.

DEAN'S LIST

Full-time students (enrolled in 12 or more hours) who earn semester GPAs of 3.50 to 3.99 qualify for the Dean's List. Full-time students who earn perfect 4.00 semester GPAs qualify for the Dean's List with the additional honor of "Special Distinction."

GRADES, HOURS, AND CREDIT POINTS

An “hour” is coursework equivalent to one class hour per week for a semester. A “credit point” is a measure of the quality of work performed. Credit points are figured only on work completed at Anderson University.

Grade reports are issued by the Office of the University Registrar in the following terms:

A, A-	Achievement of superior quality in course objectives.
B+, B, B-	Achievement of excellent quality in course objectives.
C+, C, C-	Achievement of average or somewhat above average quality in course objectives.
D+, D	Basically unsatisfactory achievement but of sufficient quality to meet minimal requirements.
F	Clearly unsatisfactory or below minimal achievement of course objectives.
I	Incomplete. Allows completion of delayed work by written agreement between instructor and student. Must be filed with the university registrar before grades are processed; becomes F at the end of the fifth week of the following semester if not completed.
IP	In progress.
NR	Faculty did not record a grade.
W	Withdrew.
WF	Withdrawn failing.
AW	Administrative Withdrawal.
S	Work completed at C- level or above.
U	Work completed at D+ level or below.
CR	Work completed at a satisfactory level.
NC	Work completed at an unsatisfactory level.

Students may withdraw from courses during the first five weeks without having notation on their transcripts; they may withdraw with a recorded W after the fifth week but no later than the end of the tenth week. Students may change their registration to or from S/U during the first five weeks of the semester. No withdrawals or changes in registration are permitted after the tenth week.

Credit points per hour:

A = 4.00
A- = 3.67
B+ = 3.33
B = 3.00
B- = 2.67
C+ = 2.33
C = 2.00
C- = 1.67
D+ = 1.33
D = 1.00

No credit points are given for courses bearing grades of CR, NC, S, U, F, I, W, WF or AW. The credit point index is the ratio of the number of credit points earned to the number of hours attempted (excluding CR, NC, S, U, and W). No credit points are issued for transfer courses.

Mid-semester grades are available to all students online. Final semester grades are based on the work of the entire semester, which includes examinations and evaluations throughout the course.

GRADE APPEAL

Students believing there is adequate reason for grade reconsideration should consult the instructor who taught the course. If the question about the grade is not satisfactorily resolved, students should consult the appropriate college dean regarding procedures for further consideration. This procedure must be initiated by students no later than 30 days after grades have been issued.

CREDIT/NON-CREDIT GRADING

Some courses are offered only as credit, non-credit. As such, they appear in the master schedule of classes with a CR/NC registration. The hours taken are credited toward graduation but will not be considered in determining the grade point average.

SATISFACTORY/UNSATISFACTORY GRADING

In addition to registering for courses on a regular-grade basis, students also have the option of registering on a satisfactory-unsatisfactory (S/U) basis.

The S/U option seeks to facilitate intellectual exploration in search of a major, in support of a major, or in pursuit of a personal interest; to offer the flexibility of a grading process which most appropriately relates to the objectives of a particular course; and to provide an opportunity, without grade point consideration, for students to assess their own interests and abilities. This encourages greater communication between students and faculty concerning the meaning of evaluation. Conditions for taking classes satisfactory-unsatisfactory are:

- Choosing the S/U option is always at the student's discretion.
- S/U options are limited to 12 hours for the student's entire college career and a maximum of 4 hours taken S/U in any one semester.
- No liberal arts courses taken to meet liberal arts requirements may be taken S/U.
- No courses in the academic major or minor or teacher certification programs may be taken S/U once the major or minor or program has been declared.
- If a student subsequently elects to major in a discipline in which a course had been graded satisfactory, that course, but no other such courses, may be counted in the major or minor.
- S signifies a grade of C- or better, and U a grade lower than C-.
- Courses taken on the S/U basis will not be considered in determining GPA.

Students should consult their advisors or the chair of the department in which they major regarding the desirability of taking courses S/U. The end of the fifth week is the last day for making a change in registration to or from S/U.

GRADE POINT AVERAGE

Grade point average (GPA) is computed by dividing the total number of credit points accumulated in courses for which a grade of A, A-, B+, B, B-, C+, C, C-, D+, D, F, or WF has been assigned by the total number of hours attempted in those courses. Courses for which a grade of IP, S, U, CR, NC, W, AW or NR has been assigned are not included in computing the GPA.

When the course is repeated, only the hours and credit points for the latest grade assigned for that course is counted in the total hours attempted and total credit points.

The following example shows how semester GPA and cumulative GPA are calculated:

Course	Hours Attempted	Grade	Credit Points
ENGL 1110	3	C	6.00
SOCI 2010	3	B	9.00
BIOL 2210	4	A-	14.68
PSYC 2000	3	D	3.00
HIST 2030	3	F	0.00
Semester Total	16		32.68
Previous Semesters	27		74.00
Cumulative Total	43		106.68
Semester Credit Points	32.68	Cumulative Credit Points	106.68
<u>Hours Attempted</u>	÷ <u>16</u>	<u>Hours Attempted</u>	÷ <u>43</u>
Semester GPA	= 2.04	Cumulative GPA	= 2.48

Truncate (Don't Round) the GPA: a 2.999 GPA is still a 2.99, NOT a 3.00.

Graduation Policies

GRADUATION PROCEDURES

Application for graduation should be made in the spring preceding the senior year. Applications must be on file in the office of the university registrar by the following designated deadlines to allow sufficient time for processing:

- Last Friday in April for December and May graduates
- First Monday in October for August graduates

A student's catalog expires 10 years after matriculation. If a catalog has expired, the requirements of the graduation catalog must be met. In matters of course standards, prerequisites, eligibility to continue, and other academic policies, students are subject to the regulations and procedures of the current academic year.

To graduate, students must be in good standing with the university and must have financial arrangements satisfactorily made with the business office. All incomplete grades must be removed, all institutional examination results recorded, and transfer credits from other institutions must be in the office of the university registrar by April 1 of the graduation year. The university reserves the right to remove students from participation in commencement based on academic deficiencies and/or disciplinary actions as defined by the dean of students at any time. Petitions to graduate in absentia must be filed with the university registrar at least three weeks prior to commencement.

GRADUATION HONORS

Students earning cumulative GPAs of 3.70 or above will graduate cum laude; 3.80 and above, magna cum laude; and 3.90 and above, summa cum laude. Such honors are open only to students who have earned the qualifying GPA with a minimum of 60 hours at Anderson University.

Students also may earn honors in the departments in which they do their major work. A student must attain a 3.00 GPA in all courses, a 3.50 GPA in all courses taken in a department, and must fulfill the specific departmental requirements. Annually, each department may have at least one student receiving departmental honors; the maximum number receiving honors is approximately 10 percent of the graduates in the department. Departmental and institutional honors are open only to students pursuing bachelor's degrees and are awarded after all work for the degree is completed.

Student Life Policies

The Department of Student Life at Anderson University annually publishes a Student Handbook. The handbook is designed as a student's guide to campus policies and procedures. It also serves as a resource to connect students to faculty and staff working to help them succeed. A few of the policies included in the Student Handbook are:

- **Chapel Attendance**
- **Residence Life**
- **Housing**
- **Judicial Code**

There is also information available in the handbook related to:

- **Financial Aid**
- **Student Services**
- **Police and Security Services**

For a full list of Student Life policies, procedures and resources please review the student handbook published online at www.anderson.edu/sites/default/files/migrate/studentlife/handbook.pdf.

Academic Organization

The academic programs of Anderson University are grouped into seven schools and an Office of Graduate Administration and Adult Studies:

- **Falls School of Business**
- **School of Education**
- **School of Humanities** — Communication, Design, & Studio Arts, English, History/Political Science, Modern Foreign Language, Religious Studies, Liberal Arts
- **School of Music, Theatre, and Dance**
- **School of Nursing, Kinesiology, and Behavioral Science** — Kinesiology, Nursing, Psychology, Sociology/Social Work, Criminal Justice, Family Science
- **School of Science and Engineering** — Biology, Computer Science, Mathematics, Physical Sciences & Engineering
- **School of Theology**
- **Office of Graduate Administration and Adult Studies** — Adult Studies

Each college or school has its own dean who is its chief operational officer in regard to all programs and personnel of that college or school.

MAJORS AND MINORS

Majors provide the opportunity to take a grouping of courses, usually concentrated in one department, for purposes of specialization or professional certification. In addition to the major, a minor or cognate of 15-18 hours may be selected but is not required.

Students are responsible for planning and completing the requirements of their majors, minors, and cognates. A GPA of at least 2.00 is required for all courses applied to the major or area of concentration.

Students completing two or more majors may present no more than 15 hours common to those majors. To be awarded a major, students must complete at least 50 percent of all coursework in residence at Anderson University.

DECLARATION OF MAJOR AND MINOR

Students need to file a declaration of major and minor or cognate with the office of the university registrar. For planning the proper sequence of courses, students should declare the major as soon as possible.

This application and the procedures involved in its approval afford students an opportunity for evaluation of their objectives in college and life. Students formally state their proposed majors, minors, and/or professional or pre-professional programs and confer with the major advisor of the department or program concerning requirements. This procedure constitutes students' official declarations of majors or minors.

To change majors or minors, students must file the appropriate form in the office of the university registrar at the earliest possible date.

ADMISSION TO PARTICULAR MAJORS

Admission to Anderson University does not automatically include admission to specialized programs within the university, such as athletic training, business, education, music, nursing, and social work. The criteria for admission and acceptance to specialized programs are determined by the faculty of those programs. Information regarding application deadlines and admissions criteria may be obtained from the departments offering the programs to which students wish to apply.

MAJORS

A major is a concentration of related courses designed to provide individual depth within a discipline or a recognized field of study. It is a grouping of 26-54 hours with a minimum of 26 hours from the host department and a maximum of 36 hours from a single discipline or recognized field of study.

If the major does not exceed 36 hours, up to 4 hours of liberal arts credit may count toward the major. If the major has 37-44 hours, up to 8 hours of liberal arts credit may count toward the major with no more than 4 hours from the host department. If the major exceeds 44 hours, liberal arts credit not to exceed 20 percent of the required hours for the major may count toward the major.

Unless otherwise noted, all majors lead to the Bachelor of Arts (BA) degree. Majors include:

- Accounting
- Athletic Training
- Bible and Religion
- Biblical Studies
- Biochemistry
- Biology
- Chemistry
- Christian Ministries (In-Profession)
- Church Music
- Cinema and Media Arts
- Computational Physics
- Computer Science
- Computer Science — Math
- Criminal Justice
- Dance Business
- Dance Performance
- Economics
- Education (Non-license)
- Electrical Engineering (BSE)
- English
- Entertainment and Music Business
- Entrepreneurship
- Exercise Science
- Family Science
- Finance
- General Studies
- Global Business
- Global Studies
- History
- Information Systems
- Instrumental Performance (BMus)
- Management
- Marketing
- Mathematics
- Math — Economics
- Mechanical Engineering (BSE)
- Music
- Music Business
- Musical Theatre (BMus)
- Nursing (BSN)
- Painting and Printmaking
- Physical Science
- Physics
- Political Science
- Political Science — Economics
- Psychology
- Public Relations
- Social Work
- Sociology
- Songwriting
- Spanish
- Visual Communication Design
- Voice Performance (BMus)
- Youth Ministries

COMPLEMENTARY MAJORS

A complementary major is a group of related courses (26-54 hours) that must be taken with one of the majors listed in the preceding section. A complementary major is intended to enhance a primary major and may not stand alone to fulfill graduation requirements. Complementary majors may not be coupled with other complementary majors to fulfill graduation requirements.

Complementary majors include:

- Business Administration
- Business-Information Systems
- Christian Ministries (In-Life)
- Computer Science
- Dance

- General Studies in Art and Design
- Global Studies
- Intercultural Studies
- Journalism
- Psychology
- Spanish
- Speech Communication
- Writing
- Youth Leadership-Development

TEACHING MAJORS

A teaching major is a grouping of 36-62 hours, sometimes in more than one department, for purposes of specialization and teacher certification.

Unless otherwise noted, all teaching majors lead to the Bachelor of Arts (BA) degree. Teaching majors include:

- Elementary Education
- Language Arts
- Mathematics
- Music: Education (BMus)
- Physical Education: K-12
- Social Studies
- Spanish

COMPLEMENTARY TEACHING MAJOR

The departments of Biology and Physical Sciences and Engineering, in conjunction with the School of Education, have shared in the creation of a new complementary major titled TeachScience. This major may only be combined with a biology, chemistry, or physics catalog major and may not stand alone to meet graduation requirements. It offers science students all of the learning and practical experiences needed to meet state requirements for teacher certification.

NON-CATALOG MAJORS

A student may construct and pursue a major course of study not listed in the catalog to achieve a goal of personal significance. Such a major must be strong enough to justify inclusion in the catalog if the student demand is sufficient and the institutional resources adequate. This may only be taken as a complement to a primary major. If such a major is interdepartmental or interdisciplinary, it must have the approval of all departments involved and the dean of the college.

MINORS

A minor is defined as a clustering of related courses intended to provide individual depth in an area other than a student's major. A minor is a grouping of 15-18 hours in a single discipline or recognized field of study and must include 12 hours which do not overlap with any other requirement (i.e. another major, minor, or liberal arts requirement). A GPA of at least 2.00 is required for all courses applied to the minor. To be awarded a minor, students must complete at least 50 percent of all coursework in residence at Anderson University.

In some cases a student may wish to complete a second major in lieu of a minor.

A student may present a major and a minor in a department offering more than one major. This minor must be in a different field and must include a minimum of 12 hours not applicable to one or more majors.

Minors include:

- Accounting
- Athletic Coaching
- Biblical Studies
- Biology
- Chemistry
- Christian Ministries
- Church Music
- Cinema and Media Arts
- Classics
- Computer Science
- Criminal Justice
- Dance Performance
- Early Childhood Education
- Economics
- Education
- English
- Entertainment and Music Business
- Entrepreneurship
- Ethics
- Events Planning and Management
- Family Science
- Finance
- French
- Global Business
- Global Studies
- Health Education
- History
- Information Systems
- Jazz Studies
- Journalism
- Management
- Marketing
- Mathematics
- Music
- Music Business
- Music Performance
- Music Theory and Literature
- Nonprofit Leadership
- Nutrition
- Peace and Conflict Transformation
- Philosophy
- Physical Education
- Physics
- Political Science
- Psychology
- Public History
- Public Relations
- Religion
- Social Media
- Sociology
- Spanish
- Speech Communication
- Statistics
- Teaching English to Speakers of Other Languages
- Theatre Arts
- Visual Studies in Art and Design
- Women's Studies
- Writing

TEACHING MINOR

- Reading

ASSOCIATE'S DEGREE

- Concentration: Criminal Justice (for more information, see Department of Sociology, Social Work, Criminal Justice, and Family Science in this catalog)
- Concentration: General Studies (for more information, see the dean of the School of Humanities)

COGNATES

A cognate is defined as a cluster of courses designed to enrich or provide breadth to an academic major. A cognate consists of 15-18 hours in two or more disciplines and may include no more than 4 hours in courses applied to other requirements. A GPA of at least 2.00 is required for all courses applied to the cognate.

Cognates are generally individually designed and are developed with the approval of the chair of the department offering the related major and the dean of the college.

Pre-Professional Programs

PRE-SEMINARY STUDIES

The university seeks to serve students preparing for seminary admission through a range of courses considered basic to such graduate professional study. There is no single normative pattern for pre-seminary education because of widely varying emphases and settings for ministry. The Anderson University School of Theology follows current admission recommendations of the Association of Theological Schools when it suggests the following categories of learning as foundational for graduate seminary study:

- The ability to read, write, and speak clear and correct English is vital for interpreting and communicating the faith of the church. It is highly desirable that a reading knowledge of Hebrew and/or Greek be developed as a basic tool. Additional language skills might be essential, depending on vocational intent.
- General understanding of human selfhood, modern social institutions, culture and religion, science and technology. Students are expected to have some academic understanding of the fields of philosophy, sociology, psychology, and history, and in some instances, may major in one of these areas.
- Theological understanding of major religious traditions and the contemporary understanding of values and faith. A knowledge of the nature and content of biblical materials is of particular significance.

Details of admission requirements for Anderson University School of Theology should be considered in the planning of undergraduate junior and senior years.

PRE-HEALTH PROFESSIONAL PROGRAMS

Anderson University offers pre-health professional programs for students desiring careers in medicine, physical and occupational therapy, dentistry, physician assistant, pharmacy, chiropractic, optometry, podiatry, and veterinary medicine. Individualized programs are developed for students wishing to enter other health professions not listed above. Although most pre-health profession students major in biology, biochemistry, or chemistry, in most cases any major may be chosen as long as particular health profession program and course requirements are met. The length and specific coursework for each program is variable depending on the field and the individual professional school selected. Each pre-health professional program is designed to give the student a broad, Christian, liberal arts preparation for service in the health field of choice. The program usually consists of the following components:

- A standard pre-health profession core of courses (one year each of laboratory-based, college-level general biology, general chemistry/analytical chemistry, and physics).
- Additional courses in the sciences to increase study skills and knowledge base in the medically related subjects.
- A requirement to include courses in psychology, biblical studies, and communication as part of the liberal arts component.
- A recommendation to include a business course in the academic program.
- A preparation course for the particular health profession standardized exam.
- Being an active member in the Pre-Health Professional Society.
- A committee evaluation and recommendation process for the professional school application procedure.

Students interested in a particular pre-health professional program should contact the director of pre-health professional programs for more information and/or referral to the appropriate advisor in that profession.

The success of Anderson University's pre-health profession programs can be measured in a variety of ways. The university has an excellent placement record during the past 15 years, with approximately 85 to 90 percent of the students who applied to professional programs having been accepted. Of those students who have received strong committee recommendations, es-

sentially 100 percent have been accepted. Many of our students during the past 15 years have been in the upper 10 percent of their professional school classes upon graduation from their respective schools.

PRE-LAW

The pre-law program combines study in the major disciplines with specially designed classes in law. Students are encouraged to develop majors in fields such as economics, history, political science, sociology, and related disciplines. This work is complemented by the law courses, the capstone of which includes the seminar and internship in law. Interns are assigned to area law offices, courts, or the prosecutor's office. Students interested in the pre-law program should consult the pre-law advisor as early as possible.

MEDICAL TECHNOLOGY

The student interested in becoming a medical technologist completes three years at Anderson University and the final (clinical) year of training at one of two hospitals in Indiana: Parkview Hospital in Fort Wayne or Clarian Health (Methodist Hospital) in Indianapolis. Tuition for the clinical year is paid to Anderson University. After successful completion of this program, students earn a Bachelor of Arts in biology and are eligible to pursue clinical laboratory scientist certification through the Board of Registry or the National Certification Agency for Medical Laboratory Personnel.

Admission to a school of medical technology requires the satisfactory completion of three years (92 hours) of academic study that includes completion of all liberal arts requirements; 22 hours of biology, including microbiology and immunology; at least 12 hours of chemistry (8 hours general and 4 hours organic); one course (4 hours) in mathematics; and one course (4 hours) in physics. Students must meet the graduation requirements and biology major requirements stated elsewhere in this catalog. Upon successful completion of these requirements, students are eligible to apply to one of the clinical programs. Interested students should contact the Department of Biology for more details and advising.

PHYSICAL THERAPY

Anderson University offers a program that prepares students for entry into physical therapy programs. Most students seeking to enter the profession obtain a bachelor's degree, usually with a biology major. Because of the small number of schools offering graduate degrees in physical therapy and the large number of students who apply, admission to those programs is very competitive. Anderson University has developed an articulation agreement with Southwest Baptist University in Bolivar, Mo., to facilitate admission for AU graduates to a doctorate degree program in physical therapy. Interested students should contact the Department of Biology for more details and advising.

Courses of Instruction

The following details provide an explanation of the various types of information which may be included within a course description.

XXXX Courses*

Course Title** # hrs. (#, #)***

The course description, listed directly beneath the course title, provides details about themes, topics, and issues covered by the course.

EXPECTATION: Indicates skills or experiences which students are expected to have achieved or demonstrated before taking this course. Also indicates restrictions regarding who may take this course (i.e. departmental exams, minimum grade in a prerequisite course, etc.).

CONSENT: Indicates whether students must obtain consent to take this course. If no designation is listed, no special consent is required.

PREREQUISITE: Indicates required class standing, required major, or course(s) which must be completed before this course may be taken.

COREQUISITE: Indicates required class standing, required major, or course(s) which must be taken in the same semester as this course.

REPEAT: Indicates when a course may be repeated for credit. May also include limitations on the number of times the course may be repeated or total credits that may be counted.

GRADE: Indicates when CR/NC grading is in effect. No listing indicates standard A-F grading.

OFFERED: Indicates the semester and/or year in which this course will be offered, or other terms by which the course will be offered (i.e. with sufficient demand). If no designation is listed, the course is usually offered every year.

SAME AS: Indicates when this course shares the same description and requirements as another course in the catalog.

* *XXXX Courses:* Designates the four-character caption (e.g., ENGL, MUSC, RLGN) applicable to the courses that follow.

** *#### Course Title:* Designates the course number and title for this course (e.g., **3070 Genetics**, listed under the BIOL caption heading).

Courses numbered 1000-2999 are lower division. Courses numbered 3000-4999 are upper division. Upper-division courses are designed primarily for upper-division students and may assume some prior introductory understandings.

*** *# hrs. (#, #):* Indicates the number of credit hours that may be earned by taking this course. Within parentheses, the number to the left indicates the number of classroom hours associated with this course, and the number to the right indicates the number of laboratory or studio hours. These numbers may include a range of hours (i.e. 1-4) or the word "arranged" where the number of hours may vary.

Caption	Description
ACCT	Accounting
ARTH	Art History
ARTS	Art
ATRG	Athletic Training
BIBL	Bible
BIOL	Biology

BSNS	Business Administration
CHEM	Chemistry
CHRS	Christian Studies
CMIN	Christian Ministries
COMM	Communication
CPSC	Computer Science
CRIM	Criminal Justice
DANC	Dance
ECON	Economics
EDUC	Education
ENGL	English
ENGR	Engineering
EXSC	Exercise Science
FLAN	Foreign Language
FREN	French
GERM	German
GLBL	Global Studies
HIST	History
HNRS	Honors
INCS	Intercultural Studies
LART	Liberal Arts
MATH	Mathematics
MUBS	Music Business
MUED	Music Education
MUPF	Music Performance
MUSC	Music
MUTR	Musical Theatre
NURS	Nursing
ORGL	Organizational Leadership
PACT	Peace/Conflict Transformation
PEHS	Physical Education
PETE	Physical Education Teacher Education
PHIL	Philosophy
PHYS	Physics
POSC	Political Science
PSYC	Psychology
RLGN	Bible and Religion
SOCI	Sociology
SOWK	Social Work
SPAN	Spanish
SPCH	Speech
SPED	Special Education
TESL	Teaching English to Speakers of Other Languages
THEA	Theatre

Department of Adult Studies

The Department of Adult Studies serving adult students (least 25 years of age) by providing quality education, while designing programs and schedules that take into account the unique characteristics and time commitments of adult students. Adult students choose from daytime, evening or online classes through the Department of Adult Studies at Anderson University.

The Department of Adult Studies, originally established as the School of Adult Learning in the fall of 1987, provides a wide variety of credit, professional development, and personal enrichment programs for adult students. With this unique educational thrust the university, as an educational provider in the Anderson community, is committed to provide convenient and affordable collegiate-based educational experiences to prepare for career opportunities.

DEPARTMENT OF ADULT STUDIES' MISSION STATEMENT

The mission of Anderson University and the Department of Adult Studies is to educate adult students for a life of faith and service in the church and society. We are committed to preparing adult leaders for future career opportunities. Recognizing its distinct role in the mission of Anderson University, the Department of Adult Studies enhances the relationship between the university and the surrounding community by offering quality face-to-face and online academic degree programs.

Degree Programs

All 60+ traditional degree programs offered by the university are available for adult students to pursue. Evening programs offered by the Department of Adult Studies include an Associate of Science degree in general studies, with varied concentration areas, a Bachelor of Science degree in Integrative Leadership, with many available concentration areas; and in partnership with the School of Nursing, a Registered Nursing-Bachelor of Science degree in nursing (RN-BSN).

ASSOCIATE OF SCIENCE IN GENERAL STUDIES

This degree is designed for adult students desiring a broader experience in liberal arts, which will include 24 credit hours of courses from a given discipline or field of study. This cluster of courses is the concentration. Pre-set concentration areas are Management Foundations and Christian Foundations. This degree provides a diverse selection of courses to enhance problem-solving skills, develop interpersonal and relational skills, increase aesthetic sensitivity, create environmental awareness, and enhance students' abilities to better understand and live effectively in the contemporary world. The associate degree requires a minimum of 62 hours.

MANAGEMENT FOUNDATION CONCENTRATION (62 hours):

- LEAD 1000, 1050, 1100, 1200, 2200, 2300, 2400, 2410, 2590
- Liberal arts requirements

CHRISTIAN FOUNDATIONS CONCENTRATION (62 hours):

- LEAD 1000
- CHRS 2000, 2100, 2150, 2200, 2300, 2310, 2320, 2590
- Liberal arts requirements

BACHELOR OF SCIENCE IN INTEGRATIVE LEADERSHIP

This degree is an accelerated, cohort-based degree program for working adults. The Integrative Leadership major, within the Bachelor of Science degree program will prepare professional and dynamic leaders, managers, and supervisors within organization or those who aspire to be in leadership positions. Students will develop communication skills, management styles, ethics, and planning techniques. This major will provide depth within the field of leadership studies and breadth as students integrate another subject area of their choice in the theory, principles and application of leadership.

This major is 48 credit hours, which includes 12 hours in one concentration area.

INTEGRATIVE MAJOR (48 hours)

- LEAD 3000, 4000, 4100, 3200, 4400, 4550, 4300, 4900, 4910, 4990
- RLGN 2220
- Concentration courses (12 hours)
- Liberal arts requirements

CONCENTRATIONS INCLUDE:

- Pre-MBA/Business
- Christian Ministries
- Exercise Science
- Human Resources
- Informational Systems
- Organizational Culture Concentration
- Psychology
- Web Development/Computer Science
- Others

REGISTERED NURSE-BACHELOR OF SCIENCE IN NURSING

The RN-BSN Completion Program emphasizes analytic skills, a liberal arts perspective, and expertise for nursing practice. The purpose of this program is to serve registered nurses holding an Associate of Science in Nursing (ASN) degree or Diploma in Nursing in completing baccalaureate education. The BSN focuses on developing students for practice in the professional roles of practitioner, educator, scholar, member of the profession, and leader/manager. Students are prepared to design innovative nursing systems for individuals, families, and communities with complex health states in varied settings. The program is based on the self-care deficit model of nursing, which emphasizes the client's ability to maintain or regulate health.

The RN-BSN Program is designed as a hybrid program, providing both courses in a classroom setting as well as online. The nursing courses, which the student will enroll in first, may be completed in 16 months. Supporting and liberal arts courses may be taken before, alongside, or following completion of the nursing curriculum and provide the base for effective nursing practice. Transfer credit is evaluated by the university registrar and the dean of the School of Nursing or his/her designate.

The program has received full accreditation from the Commission on Collegiate Nursing Education and approval from the Indiana State Board of Nursing.

REGISTERED NURSE-BACHELOR OF SCIENCE IN NURSING (33 hours)

- NURS 1050, 1100, 1150, 1210, 2050, 2270, 2350, 3390, 4470, 4540, 4560

PERSONAL AND PROFESSIONAL DEVELOPMENT COURSES

Anderson University's Department of Adult Studies offers a wide range of non-credit personal and professional development courses available online. Online courses are offered in various areas, such as:

- **Computer Courses:** From PC repair to using today's most popular software applications.
- **Family and Personal Enrichment Course:** Eliminate debt, grant-writing, digital photography, SAT prep, etc.

- **Internet/Web Courses:** Internet applications, web programing, and website design.
- **Large Business/Management Courses:** Fundamentals of project and inventory management, conflict resolution, etc.
- **Small Business Courses:** Plan, start, and market your own small- to mid-sized business.
- **Numerous other courses.**

To learn more about this *non-credit* type of class visit www.anderson.edu/academics/adult-studies or contact the Department of Adult Studies.

LEAD COURSES

- 1000 Personal and Professional Discovery 1 hr.**
This course is designed to increase the student's success in the professional arena by assisting the student in obtaining the emotional intelligence skills necessary to reach his/her potential. Topics in this course include coping with stress, adapting to change, developing interpersonal relationships and intrapersonal skills, and recognizing how emotional intelligence affects personal and professional success and leadership skills.
- 1050 Accounting Fundamentals 2 hrs.**
This course is a pre-requisite class to Managerial Accounting – LEAD 3300, and to Managerial Finance – LEAD 3350. This course offers basic information on financial statements resulting from the accounting process that are used by owners, investors and employees. Effective accounting demands an understanding of accounting terms. This class will help students become informed users of accounting information.
- 1100 Introduction to Business Environments 3 hrs.**
An introduction to functional areas of business, tracing the evolution of business forms, the role of government and society, relationships between administrators and employees, ethical issues, and globalization of world markets.
- 1200 Management Foundations 3 hrs.**
This course is a study of management as it pertains to the dynamics of leadership, strategic planning, and controlling of resources.
- 2200 Issues in Human Resource Management 3 hrs.**
This course will focus upon the primary functions of human resources management, increasing the effectiveness and contributions of employees in the attainment of organizational goals and objectives. Topics include strategic planning, organizational goals, job descriptions and evaluations, human resources selection techniques, and labor/employee relations.
- 2300 Social Problems and Their Impact on the Workplace 3 hrs.**
This course presents an analysis of major contemporary social problems, especially in the United States. Particular attention is given to the problems of poverty, racism, sexism, drug and alcohol abuse, and illiteracy, and their impact on contemporary workplace. Consideration is given to diverse sociological perspectives with regard to these problems and their causes, consequences, and solutions.
- 2400 Organizational Ethics 3 hrs.**
This study in business ethics will provide instruction in systematically applying standard moral and ethical approaches in analyzing issues, problems, and cases.
- 2410 Global Issues 3 hrs.**
This course will help the adult learner acquire knowledge and become aware of the increasing interdependence of the world and the global nature of contemporary issues. This course essentially seeks to help adult learners to think beyond their immediate surroundings and see themselves as part of a larger community.
- 2590 Management Foundations Capstone 3 hrs.**
This capstone course in management foundations offers a discussion of selected topics of current issues in management. There will be a written and oral presentation of a manage-

- ment project involving the application of management concepts and principles. **PERMISSION:** Departmental permission required.
- 3000 Adult Development and Life Assessment 3 hrs.**
This course introduces students to adult development theory and links these concepts to life through a process of individual reflection. Both classical and contemporary adult development theories are examined. These theories then provide the paradigm for self-analysis and life assessment — the basis for understanding individuals in organizations.
- 3100 Intro to Research and Analysis Using Statistics 4 hrs.**
This course presents problem analysis and evaluation techniques. Students are shown methods for defining, researching, analyzing, and evaluating a problem in their work or vocational environments that they have selected for independent research projects. Specific statistical information covered in the course includes identifying and measuring objectives, collecting data, working with significance levels, analyzing variance, and constructing questionnaires.
- 3200 Issues in Management 3 hrs.**
Students examine management control functions, strategic planning, and organizational structure and design. Also examined are motivational theory and its application to individual and group functioning in work and home situations. Leadership styles related to particular circumstances are analyzed. Negotiation concepts and skills are covered through reading and class practice, with an analysis of the effect on productivity.
- 3220 Leadership in Non-Profits 3 hrs.**
This course is designed to further the professional development of leaders in the non-profit sector. Students will gain a richer understanding of how to integrate organizational mission with economic strategy and the importance of developing a strong network with a diverse array non-profit leaders. Lastly, learners will form a personal plan of action for leading a non-profit that addresses key organizational and strategic challenges.
- 3240 Women in Leadership 3 hrs.**
This course is intended to help learners better understand the challenges women face as they obtain and sustain leadership roles within society today. Learners will examine how women have gained access to powerful leadership positions; why men have more access than women; and how, as current and future leaders, both males and females can eliminate barriers within their own areas of influence that discourage access for women in leadership.
- 3260 Conflict Resolution 3 hrs.**
The purpose of this course is for learners to enhance and strengthen skills in conflict resolution as students examine the dynamics of everyday conflicts across a variety of settings, from personal relationships to the workplace. Learners' experiences as well as case studies will be utilized as the principles of conflict and the techniques for productive management are applied. Both theory and application will be stressed, as well as their interrelation.
- 3280 Project Management 3 hrs.**
This course discusses the factors necessary for successful project management, including concepts, needs identification, project manager, teams, project communications, project planning and scheduling, control and cost performance. Project management software tools will also be utilized as part of the course.
- 3300 Managerial Accounting 3 hrs.**
This course presents the financial tools available to the manager in decision-making. It includes a study of income statements, balance sheets, cash flow budgets, changes in financial position, and ratio analysis. Emphasis is on reading and understanding accounting and financial documents rather than on their preparation.
- 3350 Managerial Finance 3 hrs.**
This course focuses on the areas of corporate finance needed by adult learners, even if they are not planning a finance career. The study of finance provides a number of tools and reports that

aid in determining which long-term investments to make, where the financing will come from, and how to manage collecting from customers and paying suppliers. Capital budgeting, capital structure, and working capital management will be studied in detail.

- 3400 Managerial Economics** 3 hrs.
This course is an analysis of the principles of economics necessary to equip managers and supervisors for effective decision-making and leadership. Specific economic concepts will be applied to problem solving in the manager's workplace.
- 3500 Managerial Marketing** 3 hrs.
Principles of marketing that need to be understood by managers in all areas in order to develop and utilize effective marketing practices are examined. Concepts of our global economy, including major social, psychological, and political influences, will be explored and their marketing implications considered from a manager's perspective.
- 3510 Buyer Behavior** 3 hrs.
Adult learners will be exposed to numerous theories from psychology, sociology, economics, education, and marketing to explain why and how consumers buy the products and services that they do. Buyer behavior will be integrated into the large discipline marketing to illustrate the marketing concept and marketing orientation of putting the customer first.
- 3550 Legal Environments of Business** 3 hrs.
This course prepares students to evaluate the legal risks associated with business activity. Students will study topics including the legal system, alternative dispute resolution, the trial process, contracts, tort law, real property, enterprise liability, product liability, international law, business risks, intellectual property, and legal forms of business.
- 3570 Developing a Mentoring Culture** 3 hrs.
This course attempts to help individuals within organizations of every type to build a framework that supports and sustains organizational mentoring. Peer mentoring, mentoring forums, and team mentoring are becoming commonplace in organizations and today's leader needs to be knowledgeable of the process and reasoning behind it.
- 4000 Group and Organizational Dynamics** 3 hrs.
This course is a study of group behavior and how group functioning impacts organizational effectiveness, with emphasis on decision-making and conflict resolution. Students develop strategies for efficient and productive group management and determine which tasks are best handled within a group setting.
- 4100 Communicating with Organizations** 3 hrs.
This course investigates the role of communication in creating a productive organizational environment. It aids students in developing and strengthening their communication skills by focusing on interpersonal, group, and presentation skills.
- 4200 A Systems Approach to Organizational Change** 3 hrs.
Students examine the formal and informal functions of organizations and analyze an agency or organization based on a systems model. Students will also analyze and solve organizational problems using a step-by-step method. This analysis will be applied to students' work-related research projects.
- 4300 Strategic Planning** 3 hrs.
This course introduces students to various management planning models and techniques and applies these to business cases. It stresses the concepts of strategic planning and strategic management.
- 4400 Personal Values & Organizational Ethics** 3 hrs.
Several major ethical theories are reviewed in this course. Students examine personal values through reading and workplace analysis to formulate management accountability, human rights, and a responsible lifestyle in the contemporary world.

- 4500 Service Leadership** 3 hrs.
This course helps learners implement concepts of Robert Greenleaf's servant leadership as vital in the workplace. An understanding of service leadership empowers leaders as they implement concepts of being a leader who is servant first. Learners will become more competent, capable and compassionate leaders as they learn to help others while leading.
- 4550 Diversity and Intercultural Competence** 3 hrs.
This course helps learners to communicate more successfully with people in organizations in other cultures. It includes diversity training, which often focuses on the social injustice often applied to inborn characteristics such as gender or skin color. This course helps learners to become cross-culturally competent by offering an understanding of the culture-specific concepts of perception, thinking, feeling, and acting.
- 4900 Leadership Seminar** 3 hrs.
This course focuses on the hard science of leadership as well as the human relationships that must be developed if organizations are to fulfill their missions. This experiential module is intentionally designed for students to consider the development of leadership sciences, to learn the skills needed for effective leadership, and to work practically toward their own leadership potential through self-reflection.
- 4910 Professional Seminar** 4 hrs.
This course helps learners to be professionally ready, whether re-entering the job market or bettering a career. It includes the completion of professional portfolio which will include the learner's professional picture, résumé, letters of recommendation, leadership philosophy, strengths testing results, personal mission statement, and final review of a service project.
- 4990 Action Research Project** 5 hrs.
The research project is a major research effort designed to enhance knowledge in an area related to one's work or community, to provide research skills, and to assist in effective decision-making. Statistical analysis concepts and methods assist the student in identifying a problem area, collecting data, proposing a solution and measuring results. Each student gives an oral report of project findings.

CHRS COURSES

- 2000 Individual Thinking and Christian Faith** 3 hrs.
This course explores the role of the individual and how one assesses personal faith, community faith, and differing views within Christianity. Concepts in critical thinking will be introduced as a framework for studying subsequent courses. Topics introduced include the Wesley Quadrilateral, individualism vs. collectivism, emotional and social intelligence, and a Christian worldview.
- 2100 Kingdom of God** 3 hrs.
This course discusses the spiritual and universal essence associated with being the people of God as described throughout Scripture. The central question addressed in this course is, "what does it mean to be the people of God?" A study of the Old and New Testaments as well as non-biblical writings will help students understand how the world viewed people of Judeo-Christian faith at different times in history, and how Christians are viewed today.
- 2150 The Influence and Evolution of the Church** 3 hrs.
This course provides an overview of how organized church has evolved since the first century to present day and its influence on world leaders, governments, and cultures. The course highlights key people, events, and governments involved in world-changing decisions that were directly or indirectly influence by the Church.

- 2200 The Role of Scripture** **3 hrs.**
This course introduces students to various methods used in reading, interpreting, understanding, and applying Scripture and how those methods shaped history and cultures. The student will learn how to think critically when reading Scripture.
- 2300 Moses and the Law** **3 hrs.**
This course introduces the adult student to a key person and event in Jewish history: the Exodus. A major portion of the class will be focused on the foundational aspects of Mosaic Law and the Decalogue and their centrality in Jewish culture to the time of Christ.
- 2310 Jesus and the Law** **3 hrs.**
This course introduces the adult student to the Jesus of history and briefly discusses controversies surrounding him. A brief portion of the class will discuss Old Testament scriptures related to the messianic claims regarding Jesus. A major portion of the course discusses the New Testament's view on Jesus's interpretation of Mosaic Law.
- 2320 Paul and the Law** **3 hrs.**
This course introduces the adult student to Paul, the author of several writings in the New Testament. A major portion of this course surveys the various debates and issues created by the integration of Jewish and Gentile cultures along with Paul's prescriptions for managing the conflict that integration created within faith communities. Paul's understanding of Mosaic Law will be discussed.
- 2590 Christian Foundations Capstone** **3 hrs.**
This is a capstone course that integrates learned objectives from the Christian Foundation courses precisely taken into a written research project and oral presentation. Adult students will select a topic or issue that is currently debated within a local community of faith. Students will utilize critical thinking techniques in presenting a written and oral summation specifically addressing the issue from a Christian worldview.
- 4030 Reading Scripture: Luke-Acts (Early Church History)** **3 hrs.**
This course focuses on learning from the early church principles for the life and growth of the church in all generations. The experiences of Jesus and his disciples will serve as paradigms for learning how to understand God with us, an understanding of the Gospel. How to deal with real problems, and how to build community that can focus on bringing the Gospel into people's lives and all of the good that comes from that experience. The course will focus on reading the texts of Luke and Acts and interpreting for today through small group discussion, experiential learning, and creative application.
- 4100 Interpreting Scripture** **3 hrs.**
A study of various ways in which Christians have read and interpreted Scripture. Basic interpretive methods covered include typology, allegory, and historical and critical reading as well as *lectio divina* and other devotional approaches to Scripture. Special attention is given to the relationship between location and interpretive methods.
- 4200 Thinking Theologically** **3 hrs.**
An introduction to theological method, this course considers the roles of reason, tradition, Scripture, and experience in theological thinking. Students will also be introduced to representatives of various models of theological thinking and will be given an opportunity to think theologically about a topic of contemporary interest.
- 4300 Ministry in a New Century** **3 hrs.**
This course examines the possibilities and perils of ministry in a time when assumptions about certainty, authority, and universality face pervasive and persistent challenges.

NURS COURSES

The following courses are applicable to students enrolled in the RN-BSN program. Students pursuing the traditional BSN program should consult the School of Nursing portion of the catalog.

- 1050 Role Transition** **2 hrs. (2,0)**
The role of the professional baccalaureate generalist is explored including strategies for success as a lifelong learner. Moral, ethical, and legal standards of conduct are discussed. Students learn to integrate the history of nursing and nursing theories with current issues and their consequences for contemporary practice. The relationship between the ability to deliver quality patient care and personal renewal and health is explored. **PREREQUISITE:** None.
- 1100 Population-Based Health Care** **3 hrs. (2-3)**
The aggregate, community, or population is the unit of care. Emphasis is placed on health promotion and disease prevention. Determinants of health, prioritizing primary prevention, actively identifying and using available resources to assure best overall improvement in the health of the population is explored. Advocacy for vulnerable populations is included. This course includes 15 hours of clinical project work. **PREREQUISITE:** NURS 1050.
- 1150 Nursing Informatics** **2 hrs. (2,0)**
Provides the application of knowledge and skills relative to the use of information technology systems for patient care delivery, data management, and knowledge sharing. Integrates foundational concepts of why and how information technologies function with intellectual concepts of how to utilize information for problem solving. **PREREQUISITE:** NURS 1050 and 1100.
- 1210 Nutrition for Healthy Living** **2 hrs. (2,0)**
Explores principles of nutrition as they relate to physical fitness. Content includes important nutritional elements and their relationship to maintaining health. Required activities include personal health assessment skills, nutritional assessment, and aerobic activities. **PREREQUISITE:** NURS 1050, 1100, and 1150.
- 2050 Comprehensive Health Assessment Across the Lifespan** **4 hrs. (3.5, 1.5)**
Students learn to refine assessment skills to include both a comprehensive and focused physical, behavioral, psychological, spiritual, socioeconomic, and environmental assessment of health and illness in patients. Developmental and culturally appropriate approaches are utilized with patients across the lifespan and health-care settings. This course includes 9 clinical hours. **PREREQUISITE:** NURS 1050, 1100, 1150, and 1210.
- 2270 Pathophysiological Basis for Pharmacology in Nursing** **4 hrs. (3.5, 1.5)**
Builds on the content and experiences of the introductory nursing courses. Includes consideration of individuals, families, communities, and populations at all levels of self-care. Advances the discussion of the preparation and administration of medication in a safe care environment that results in high quality patient outcomes. This course will summarize and discuss physiological processes including absorption, distribution, metabolism, and excretion of drugs. Drug action and interactions will be discussed. Appropriate dosage calculation must be demonstrated by the student. This course includes 9 clinical hours. **PREREQUISITE:** NURS 1050, 1100, 1150, 1210, and 2050.
- 2350 Nursing System Design** **3 hrs. (3, 0)**
Introduces effective communication techniques while participating in inter- and intra-professional communication. Collaboration while providing patient-centered, evidence-based care is emphasized in order to improve practice and patient outcomes within a Christian framework. Incorporating developmental stage, age, culture, spirituality, and health literacy inpatient and family teaching is discussed. **PREREQUISITE:** NURS 1050, 1100, 1150, 1210, 2050, and 2270.

- 3390 Nursing Research (WI)** **4 hrs. (4, 0)**
 Introduces nursing research with an in-depth study of the steps of the research process. Analysis of nursing research studies will occur. Explores research design and application of evidence-based practice methodology. **PREREQUISITE:** ENGL 1120; LEAD 3100; NURS 1050, 1100, 1150, 1210, 2050, 2270, and 2350.
- 4470 Seminar in Nursing (WI)** **4 hrs. (4, 0)**
 Professional standards of moral, ethical, and legal conduct are discussed. Students assume accountability for personal and professional behaviors by reflecting on one's own beliefs and values as they relate to professional practice. Students identify personal, professional, and environmental risks that impact personal and professional choices on vulnerable populations. **PREREQUISITE:** ENGL 1120; LEAD 3100; NURS 1050, 1100, 1150, 1210, 2050, 2270, 2350, and 3390.
- 4540 Intercultural Health Care** **3 hrs. (1, 6)**
 Emphasizes the value of human diversity in order to provide safe, high-quality care. Concepts related to global health including disease transmission, health policy, and healthcare economics are emphasized. Discussion of the nurse generalist's practice in a multicultural environment providing culturally appropriate care across settings is included in study. Students are expected to immerse themselves in a culture other than their own through an intercultural experience. **PREREQUISITE:** ENGL 1120; LEAD 3100; NURS 1050, 110, 1150, 1210, 2050, 2270, 2350, 3390, and 4470.
- 4560 Principles of Nursing Leadership** **4 hrs. (2, 6)**
 Builds on previous nursing courses as the student moves toward becoming a competent generalist nurse who is provider, designer, manager, and coordinator, of care. Critically analyzes leadership principles and management strategies and how they affect organization and influence patient outcomes. Examines and applies total quality improvement processes and tools which impact patient safety and meet regulatory requirements. Analyzes the utilization and control of financial and human resources to promotion quality patient care and optimize professional practice. The nurse as consumer advocate is emphasized. Thirty-six clinical hours will be utilized toward the development of a continuous quality improvement (CQI) project. **PREREQUISITE:** ENGL 1120; LEAD 3100; NURS 1050, 1100, 1150, 1210, 2050, 2270, 2350, 3390, 4470, and 4540.

Biology

Dr. Janutolo, chair; Prof. Bailey, Dr. Ippolito, Dr. Lyle-Ippolito (allied health advisor); Dr. An and Prof. Clem (Clarian Health); Prof. Goff and Dr. Smith (Parkview Hospital)

The Department of Biology provides a quality educational program combining a broad foundational core curriculum with four areas of specialization:

- **Pre-Professional:** a curriculum designed to enhance the student's appreciation of and success in a professional education program in various medical arts.
- **Science Education:** a curriculum chosen to prepare students to be at the forefront of science education for the 21st century.
- **Molecular/Biochemistry/Microbiology:** a curriculum designed to provide the skills, knowledge, and analytic ability to succeed in modern biology research and/or industrial arenas.
- **Ecology/Environmental:** a curriculum designed to prepare for bachelor entry programs in field biology and environmental science and graduate studies in the fields of ecology, environment, and zoology.

For more information regarding these programs, contact the chair of the department or visit the departmental office located in Hartung Hall 206.

The ecology/environmental concentration is greatly enhanced through Anderson University's participation in programs offered by the Au Sable Institute of Environmental Studies. The institute has four field stations worldwide: northern Michigan, Puget Sound (Washington), South Florida, and Tamil Nadu (South India). Each station offers field courses (mostly offered during the summer) in ecology and environmental science appropriate to its location. Students taking courses from Au Sable remain Anderson University students. Since the university has been identified as an institution eligible for financial grants, qualified students may be awarded Au Sable fellowships and scholarships. Interested students should contact Dr. Blake Janutolo for further application information.

The Department of Biology supervises and advises students in medical technology programs. Biology majors pursuing the medical technology program must complete the 20-hour core — BIOL 2210, 2220, 3030, 2240, and 4050 — but are exempted from taking BIOL 4070, 4910, and 4920. The final (clinical) year is taken off campus; these courses will be counted as upper-division biology courses. Students entering this program should contact the allied health advisor as early as possible to facilitate completion of the program.

The department undertakes advising and supervision of undergraduate programs in a variety of health and science vocations other than those specifically mentioned above (e.g. pharmacy, physical and occupational therapy, physician's assistant, etc.). These pre-professional programs require completion of two to four years at Anderson University followed by graduate or clinical training at another institution in order to enter the profession or stand for licensure examinations. Biology faculty share the advising for these programs and should be contacted for further information if interested in these professions.

BIOLOGY

BIOLOGY MAJOR (48 hours)

- 24 hours from BIOL 2210, 2220, 2240, 3030, 4050, 4070, 4910, 4920
- 12 hours from additional upper-division BIOL courses (*completion of both BIOL 2410 and 2420 will substitute for 4 hours of upper-division biology*)
- CHEM 2110, 2210
- At least one course from CHEM 2120, 2220, 3100

BIOL 2230, 3800, and 4700 do not apply toward the major.

Additional CHEM courses, especially CHEM 2220 and 3100, are strongly recommended.

BIOLOGY MINOR (16 HOURS)

- BIOL 2210, 2220
- 8 hours from BIOL courses numbered 2230 and above
BIOL 3800 and 4700 do not apply toward the minor.

BIOCHEMISTRY

The biochemistry major is an interdisciplinary major that applies the principles and methods of both biology and chemistry to understanding the molecular basis of life. The major requires a number of basic classes from each discipline with advanced courses in chemical instrumentation, cell and molecular biology, genetics, and biochemistry, and allows the student to select additional courses necessary to pursue certain career objectives. Students considering a biochemistry major should begin their study with CHEM 2110 and BIOL 2210.

BIOCHEMISTRY MAJOR (52 HOURS)

- CHEM 2110, 2120, 2210, 2220, 3100, 4510, 4520
- BIOL/CHEM 4210
- BIOL/CHEM/PHYS 4910, 4920
- BIOL 2210, 2220, 2240, 4050
- At least one course from CHEM 4110, 4120
- At least one course from CHEM 3140, BIOL 4310
- Elective hours from:
 - CHEM 4090
 - BIOL 3030, 4120
 - MATH 1400 or 2010
 - PHYS 2240, 2250

Students pursuing pre-medicine should elect BIOL 3030, 4120; one semester of calculus; and two semesters of physics.

Students pursuing graduate school should elect CHEM 3140, 4090; BIOL 3030; one semester of calculus; and two semesters of physics.

Students pursuing an industry career should elect CHEM 3140.

TEACHSCIENCE

This complementary major offers science students all of the learning and practical experiences needed to meet the state requirements for teacher certification. This major may only be combined with a catalog major in biology, chemistry, or physics, and cannot stand alone to meet graduation requirements. Program objectives include:

- emphasis on Christ-like servant ways in the development of a professional educator, strengthened by a liberal arts program;
- teaching as a mission to serve adolescents and young adults;
- the student's completion of a traditional major in an area of science while pursuing advanced study in science and/or education;
- unique combination of secondary school experience and content area instruction;
- early opportunities for students to explore science teaching as a potential career;
- entrance into the program at any stage in the student's educational journey, based on individual needs and circumstances; and
- program completion within four years for most students.

TEACHSCIENCE COMPLEMENTARY MAJOR (30 HOURS)

- EDUC 2000, 3000, 3120, 4010, 4710, 4930
- SPED 2400
- BIOL/CHEM/PHYS 2700

- Majors are strongly encouraged to take ENGL 1400 for meeting the liberal arts Individual Thought and Behavior requirements and are required to take EDUC 2110 for meeting the second part of the liberal arts Thought and Behavior requirements.
- Majors are strongly encouraged to take HIST 2110 or 2120 for meeting liberal arts History requirement.
- Majors are required to take TESL 3500 for meeting liberal arts complementary upper-division requirement.

BIOL COURSES

- 1000 Principles of Modern Biology** 4 hrs. (3, 2)
Fundamental ideas in the science of biology, including molecules, cells, genetics, ecology, the diversity of life, and the human body.
- 2010 Medical Terminology** 2 hrs.
The objective of this course is to make students familiar with the common root words, prefixes, and suffixes of terms used in the medical fields. The material to be covered includes anatomical, procedural, diagnostic, disease, and pharmacology terms. **OFFERED:** Online.
- 2040 Personal and Community Health** 3 hrs. (3, 0)
Health problems of individual, home, school, and community. Covers nutrition, child growth, personality development, home living, and the human body. Includes application of exercise to the maintenance of individual and community health.
- 2070 Humans and the Environment** 4 hrs. (3, 3)
Students are exposed to basic concepts of ecology and to select environmental issues. They are encouraged to engage in vigorous discussion and to think critically about our impact on the environment. The perspective of Christian environmental stewardship is emphasized throughout the course.
- 2080 Flora of Indiana** 4 hrs. (3, 2)
Taxonomic study (identification, classification, and nomenclature) of flowering plants of Indiana. **OFFERED:** Summer.
- 2140 Nutrition in Health and Disease** 4 hrs. (3, 2)
The subject of human nutrition is used as a model to introduce liberal arts students to the philosophy and process of science. As the various areas of the topic are studied (including nutritional requirements, eating behaviors, assessment techniques, and diet management for optimal performance), emphasis is placed on the scientific processes that allow these facts to be known.
- 2210 Foundations of Modern Biology I** 4 hrs. (3, 4)
Basic principles of cell structure and function, genetics, evolution, biodiversity, and ecology using animal and human models. Through these themes, the student becomes familiar with major animal groups, their salient characteristics, environmental interactions, and postulated evolutionary relationships.
- 2220 Foundations of Modern Biology II** 4 hrs. (3, 4)
Concepts of cell structure and function, cell metabolism, genetics, organismal structure and function, and principles of ecology using plant models. Through these themes, the student becomes familiar with major plant groups, their salient characteristics, environmental interactions, and postulated evolutionary relationships. **PREREQUISITE:** BIOL 2210.
- 2230 Microbes and Disease** 4 hrs. (3, 4)
Introduction to the science of microbiology using clinical microbiology as a model. Some emphasis is given to general areas such as microbial classification, genetics, physiology, and ecology, with concentration on subjects related to disease-microorganism relationships: classification, culture and identification of pathogenic organisms, control processes (antiseptics,

disinfection, antibiotics), infection patterns, control of disease, and elementary immunology. **PREREQUISITE:** BIOL 2220 or 2420.

- 2240 Cell Biology** **4 hrs. (3, 3)**
 This course is an introduction to fundamental concepts of cellular and molecular biology. Integrated lab and classroom curriculum introduces the student to the subject in four parts: 1) fundamentals of biochemistry, 2) the flow of genetic information in the cell, 3) cellular anatomy and physiology, and 4) cell regulation. **PREREQUISITE:** BIOL 2220.
- 2310 Field Biology in Spring** **4 hrs.**
 Springtime plants and animals, their field identification, field biology, behavior and landscape context, with a focus on spring flora, amphibia, and birds. Focuses on observation and sounds of life in the field occurring between the end of the spring college semester and the end of spring high school semester to provide prospective teachers and naturalists with an opportunity to investigate the natural history of this time of year. **OFFERED:** At Au Sable Institute.
- 2410 Human Anatomy and Physiology I** **4 hrs. (3, 2)**
 Topics will include cell form and function and organization of human cells into tissues, organs and organ systems. This course will emphasize skeletal tissues, muscles, and the nervous and endocrine systems. Emphasis will be given to pathological conditions that alter the normal functions of these organ systems and how these alterations affect the organism as a whole. The lecture and laboratory experiences will emphasize how the structure and function of each topic is interrelated (that function follows form).
- 2420 Human Anatomy and Physiology II** **4 hrs. (3, 2)**
 Topics will include cell form and function as well as the human digestive, cardiovascular, respiratory, urinary, and reproductive systems. Emphasis will be given to pathological conditions that alter the normal functions of these organ systems and how these alterations affect the organism as a whole. The lecture and laboratory experiences will emphasize how the structure and function of each topic is interrelated (that function follows form). **PREREQUISITE:** BIOL 2410 or CHEM 1000.
- 2700 Science Teaching Methods I** **3 hrs. (2, 1)**
 This course involves the learning and application of the methods of teaching science. In addition to some lecture and classroom discussion, students complete a practicum experience with a master teacher in a public or private school setting. Topics covered and jointly pursued by AU faculty and the master teacher include learning theories, classroom management, inquiry-based teaching, history of science, special/gifted education, and an introduction to rubrics/grading/assessment. Emphasizes the key roles that a teacher's caring attitude and ability to engage students have in a successful learning environment. **SAME AS:** CHEM/PHYS 2700.
- 3030 Microbiology** **4 hrs. (3, 4)**
 Introduction to microbiology using a study of various microbes. Biochemical, genetic, and ecological aspects of archae, prokaryotes, viruses, fungi, and protozoans will be covered. One unit will cover human pathology and immunology. **PREREQUISITE:** BIOL 2220.
- 3050 Advanced Topics in Microbiology** **2 hrs. (2, 3)**
 Topics important to the understanding and practice of microbiology will be covered in a seminar/laboratory format customized to the topic being discussed. Includes latest developments in the topic areas including immunology, virology, and mycology. **PREREQUISITE:** BIOL 3030. **OFFERED:** With sufficient demand.
- 3060 Field Ecology of Birds** **4 hrs.**
 Biology, behavior, ecology, and identification of birds. Work will be primarily conducted in the field and will cover the major habitats of northern lower Michigan, including wetlands, lakes, rivers, forests, dunes, and open field communities. Emphasis placed on identification by sight and by call of the spring bird fauna of northern lower Michigan. **PREREQUISITE:** BIOL 2220. **OFFERED:** At Au Sable Institute.

- 3160 Field Geology** 4 hrs.
The glacial geology and geomorphology of glaciated landscapes as the context of ecosystems and human settlements. Focuses on the nature and interpretation of glacial features. Also included are an examination of the Kalkaska petroleum fields and identification and distribution of fossil brachiopods, corals, and other organisms in the Devonian and Silurian reefs of Alpena and Petoskey. **PREREQUISITE:** BIOL 2220. **OFFERED:** At Au Sable Institute.
- 3170 Comparative Vertebrate Anatomy** 5 hrs. (3, 4)
Lecture emphasizes major themes of vertebrate structure, function, and development, such as vertebrate transition to land, adaptations for terrestrial life, the evolutionary relationship between birds and theropod dinosaurs, and the evolution of flight. Laboratory emphasizes comparative morphology of representative chordate types. **PREREQUISITE:** BIOL 2220. **OFFERED:** With sufficient demand.
- 3270 Human Gross Anatomy and Histology** 5 hrs. (3, 4)
Detailed study of gross anatomy, microscopic and ultramicroscopic structures of tissues and organs of the human body. Laboratory emphasizes examination of the gross to microscopic structure through various techniques. Relationship of structure and function emphasized. **PREREQUISITE:** BIOL 3030. **OFFERED:** 2015-16.
- 3310 Entomology** 4 hrs. (3, 2)
Study of insects with emphasis upon identification and role in environment. **PREREQUISITE:** BIOL 2220. **OFFERED:** With sufficient demand.
- 3420 Fish Biology and Ecology** 4 hrs. (3, 2)
Covers in detail the systematics, evolution, and anatomy of fishes. Students will be exposed to selected topics in fish physiology, ecology, and behavior. Fishery issues will be touched upon as time allows. The lab component includes identification and classification of fishes using specimens from the university's collections, as well as comparative dissections of sharks and representative teleosts. **PREREQUISITE:** BIOL 2220. **OFFERED:** With sufficient demand.
- 3510 Bioethics** 2 hrs. (2, 0)
Seminar course that examines ethical questions that arise in the relationships among life sciences, biotechnology, medicine, politics, law, philosophy, and theology. Topics and case studies are selected and discussed in terms of the ethical issues they present. These include beginning of life, death and dying, human and animal testing, and environmental stewardship. **PREREQUISITE:** Junior standing.
- 3800 Internship in Science Education** 1-4 hrs. (0, 1-4)
This internship is an opportunity to broaden the diversity of a student's experience in educational settings. Internships are arranged in environments not typically experienced by the student. Tri-S and other international experiences may be appropriate, as well as experiences in large inner-city schools or small, rural schools. **EXPECTATION:** BIOL/CHEM/PHYS 2700 should be completed or taken concurrently. **SAME AS:** CHEM/PHYS 3800.
- 3920 Integration of Faith and Science** 2 hrs. (2, 0)
Seminar course featuring reading and discussion on topics common to science and Christianity. Topics include origin issues, natural law, environmental stewardship, and the nature of the soul.
- 4050 Genetics** 4 hrs. (4, 2)
Study of the principles of genetics including Mendelian, molecular, microbial, developmental, and behavioral genetics as well as cytogenetics and genomics. Laboratory experiences range from classical to molecular procedures and concepts. **PREREQUISITE:** BIOL 2240.
- 4070 Ecology and Evolutionary Biology** 2 hrs. (2, 0)
This course will cover essential concepts and principles in ecology and evolutionary biology, including natural selection, genetic drift, speciation, energy flow, nutrient cycling, and physiological and community ecology. An independent research project will complement classroom lectures. **PREREQUISITE:** BIOL 4050.

- 4120 Mammalian Physiology** 4 hrs. (3, 3)
Study of function and interrelationships of various tissues, organs, and organ systems, with emphasis on homeostatic mechanisms. **PREREQUISITE:** BIOL 2240. **OFFERED:** 2014-15.
- 4210 Biochemistry** 4 hrs. (3, 4)
Introduction to fundamental principles of biochemistry. Lectures and project-oriented laboratories emphasize concepts of macromolecular structure, aspects of enzymology, and intermediary metabolism. **PREREQUISITE:** BIOL 2240, CHEM 2210. **OFFERED:** 2015-16.
SAME AS: CHEM 4210.
- 4310 Molecular Biochemistry and Genetics** 4 hrs. (3, 4)
Emphasizes molecular and biotechnology aspects of the fields of biochemistry and genetics. This is a laboratory-intensive course on techniques involved in biotechnology for the cloning and investigation of gene function. It is designed to train students in the types of techniques used in the current biotechnology industry. **EXPECTATION:** BIOL/CHEM 4210 strongly recommended. **PREREQUISITE:** BIOL 4050. **PREREQUISITE OR COREQUISITE:** CHEM 2220. **OFFERED:** 2016-17.
- 4650 Independent Study** 1-4 hrs. (arranged)
Independently executed investigations, normally by students with upper-division standing. **REPEAT:** May be repeated. Credit not to exceed 12 hours.
- 4910 Science Seminar I** 1 hr. (1, 0)
Techniques and practice of written and oral technical communication with respect to experimental or library research projects. Required of all science majors. Both BIOL 4910 and 4920 must be completed to receive advanced writing competency (writing intensive) credit. **PREREQUISITE:** Science major. **SAME AS:** CHEM/PHYS 4910.
- 4920 Science Seminar II** 1 hr. (1, 0)
Techniques and practice of written and oral technical communication with respect to experimental or library research projects. Required of all science majors. Both BIOL 4910 and 4920 must be completed to receive advanced writing competency (writing intensive) credit. **PREREQUISITE:** Science major. **SAME AS:** CHEM/PHYS 4920.

Falls School of Business

Dr. Truitt, dean; Dr. Bruce, Dr. Buck, Dr. Chappel, Dr. Collette, Dr. Dulaney, Dr. Fox, Dr. Haskett, Prof. Heberling, Dr. Hochstetler, Dr. Kaufinger, Dr. Lucas, Dr. Merle, Prof. Motluck, Prof. Peck, Prof. Peddicord, Dr. Pianki, Dr. Saunders, Dr. Seibert, Prof. Wagoner, Dr. Wiese

The mission of the Falls School of Business is to create an environment that will enable and encourage our graduates to be:

- professionally competent through understanding the knowledge base of their discipline and possessing the ability to apply analytical and problem-solving skills to organizational problems,
- ethically sensitive, and
- informed by the Christian ideal of servanthood.

This mission is realized through a commitment to teaching excellence and genuine concern for each individual student and is supported by a faculty commitment to continuous professional development and service to the community.

GUIDELINES FOR ADMISSION TO THE FALLS SCHOOL OF BUSINESS

Students intending to become business majors should consult the Falls School of Business Handbook for admission and retention policies. All prospective business majors must complete the admission guidelines prior to admission into the program. Students may apply for admission to the Falls School of Business once the following entrance requirements have been successfully met:

- Sophomore standing
- Overall GPA of 2.0 or higher
- Successful completion of the application process
- Grade of C- or higher in each of the following courses:
BSNS 1050, BSNS 2710, or 2810; ACCT 2010; ECON 2010

The Falls School of Business offers stand-alone majors and concentrations in:

Major	Concentration
Accounting	Forensic Accounting CPA Preparation
Economics	Economic Policy Globalization
Entrepreneurship	
Finance	Entrepreneurship Investments
Global Business	Accounting Economics Finance Management Marketing
Management	Organizational Management Nonprofit Leadership Entrepreneurship

Marketing

Global Business
Event Planning

Social Media
Marketing Strategy and Tactics
Integrated Branding and Promotion
Global Marketing
Music Business
Event Planning
Sport Marketing

Entertainment and Music Business

Joint majors are offered in dance/business, music/business, political science/economics, and math/economics. A complementary major in business-information systems is offered. In addition, a complementary major in business administration is offered to students with a primary major outside the Falls School of Business.

A wide selection of minors is available to all students, whether their major is inside or outside of the Falls School of Business. These minors include:

- Accounting
- Economics
- Entrepreneurship
- Finance
- Global Business
- Management
- Marketing
- Entertainment and Music Business
- Nonprofit Leadership
- Social Media

The Falls School of Business is fully accredited by the Accreditation Council for Business Schools and Programs (ACBSP). The Falls School of Business offers undergraduate, Master of Business Administration, and Doctor of Business Administration programs.

BUSINESS CORE (37 hours)

The following core classes are required of all accounting, economics, entrepreneurship, finance, global business, management, and marketing majors:

- ACCT 2010, 2020
- BSNS 1050, 2710, 2810
- BSNS 3200, 3420, 4500, 4910
- CPSC 1100
- ECON 2010, 2020
- BSNS 2450, PSYC/POSC 2440, or MATH 2120

In addition to the core, BSNS 2550 is strongly recommended where it is not required.

ACCOUNTING

The accounting major is designed to provide a knowledge base in both financial and managerial accounting. Accounting courses expose the student to a broad perspective of accounting needed for management responsibility within a company, in the field of public accounting, and for studies in a graduate program.

The major provides coursework that helps prepare students for the Certified Management Accountant (CMA) exam and the Certified Public Accountant (CPA) exam.

Indiana and most states require individuals to have completed a minimum of 150 hours of college credit to be eligible to take the CPA exam. Accounting majors who plan to enter the public accounting field are strongly encouraged to complete at least 150 hours before they complete their college education.

ACCOUNTING MAJOR (59 hours)

- Prerequisite of one course from MATH 1300, 1400, 2010

- 37-hour business core
- ACCT 3010, 3500, 3020, 3110, 4020, 4310, 4900
- 3 hours from ACCT 3210, 3300, 4800; BSNS 3350, 4150; ECON 3020, 3110, 3410

Optional Concentrations in Accounting:

Forensic Accounting:

- ACCT 3200, 3440, 4200

CPA-Preparation:

- ACCT 3300, 3400, 4100, 4050
- Strongly recommended for students taking the CPA Exam: ACCT 4850 (1-4 hours)

ACCOUNTING MINOR (15 hours)

- 15 hours from ACCT courses

BUSINESS ADMINISTRATION

Courses in business administration are designed to provide general understanding of the operation of organizations, preparation for careers in administration in business and various other kinds of societal organizations, and preparation for graduate study.

BUSINESS ADMINISTRATION MAJORS

ENTREPRENEURSHIP MAJOR (55 hours)

- Prerequisite of one course from MATH 1300, 1400, 2010
- 37-hour business core
- 15 hours from BSNS 3100, 3440, 3450, 3850, 4310, 4320
- One course from BSNS 3150, 3230, 3240

FINANCE MAJOR (55 hours)

- Prerequisite of one course from MATH 1300, 1400, 2010
- 37-hour business core
- BSNS 3350, 4150; ECON 3410
- Completion of one of the following concentrations (9 hours):
 - Investments:**
 - BSNS 3150, 4160 and 3 hours from BSNS 3850, 4240**, 4800; ACCT 4020
 - Entrepreneurship:**
 - BSNS 3100, 4310 and 3 hours from BSNS 3150, 3210, 3400, 3440, 4160, 4320, 4800

GLOBAL BUSINESS MAJOR (65 hours)

- Prerequisite of one course from MATH 1300, 1400, 2010
- 37-hour business core
- Intermediate level language (4 hours)
- BSNS 3120, 4120
- One course from ACCT 3210; BSNS 4170, 4250, 4450; ECON 3210, 3250
- International experience* (6 hours)
- Choose one of the following concentrations (9 hours):

Accounting:

- 3 courses from ACCT 3010, 3020, 3110, 4310

Economics:

- ECON 3020, 3110, 3410

Finance:

- BSNS 3350, 4150; ECON 3410

Management:

- BSNS 2550, 3230, 3240

Marketing:

- 3 courses from BSNS 3220, 3510, 4110, 4330

MANAGEMENT MAJOR (55-58 hours)

- Prerequisite of one course from MATH 1300, 1400, 2010
- 37-hour business core
- BSNS 2550, 3230, 4010
- Completion of one of the following concentrations (9 hours):

Organizational Management:

- BSNS 3240
- 6 hours from the following (at least 3 hours must be from BSNS courses): BSNS 3120, 3300, 3400, 4240**, 4310, 4800; PSYC 2100; COMM 3140

Nonprofit Leadership:

- BSNS 3300, 4300
- 3 hours from BSNS 4800, ACCT 3300

Global Business:

- BSNS 3120, 4120, and 3 hours from ACCT 3210, BSNS 4250, or INED 3500* or
- IBI Program

Entrepreneurship:

- BSNS 3100, 4310
- 3 hours from BSNS 3120, 3240, 3400, 3440, 3450, 4240*, 4320, 4800

Event Planning:

- COMM 3250, BSNS 3340, BSNS 4340, BSNS 3860

MARKETING MAJOR (56-59 hours)

- Prerequisite of one course from MATH 1300, 1400, 2010
- 37-hour business core
- BSNS 3220, 4110, 4330, 4440
- Completion of one of the following concentrations (9 hours):

Marketing Strategy and Tactics:

- BSNS 3210, 3510, 3550

Social Media:

- BSNS 3400, 4400
- 3 hours from BSNS 3510, 3550, 4240**, 4310, 4800

Integrated Branding and Promotion:

- BSNS 3550, 4550
- 3 hours from BSNS 3210, 3400, 4240**, 4400, 4800; COMM 3140, 3240

Global Marketing:

- BSNS 3120, 4250, and 3 hours from BSNS 4120 or INCS 3850* or
- IBI Program

Music Business:

- MUBS 2010
- 6 hours from MUBS 2020, 3210, 3350

Event Planning:

- COMM 3250, BSNS 3340, 4340, BSNS 3860

Sport Marketing:

- BSNS 3130, 3210, 4800

Marketing majors interested in visual communications design are encouraged to consider the general studies in art and design complementary major.

ENTERTAINMENT AND MUSIC BUSINESS MAJOR (53-54 hours)

- Prerequisite of one course from MATH 1300, 1400, 2010
- 37-hour business core
- BSNS 2030, 2040, 3360, 4810, 4900
- Completion of electives in Music Business (4-5 hours) from BSNS 2070, 3140, 3260, 3320, 3360, 3370, 3380

BUSINESS ADMINISTRATION COMPLEMENTARY MAJOR

- 37-hour business core

Available as a complementary major only. The student's primary major must be outside the Falls School of Business.

BUSINESS ADMINISTRATION MINORS

ENTREPRENEURSHIP MINOR

For majors in the Falls School of Business, 15 hours from:

- BSNS 3100, 4310
- 9 hours from BSNS 3120, 3210, 3230, 3240, 3400, 3440, 3510, 4110, 4320

For majors outside the Falls School of Business, 18 hours from:

- ACCT 2010; BSNS 2710, 2810, 3100, 4310
- 3 hours from BSNS 3120, 3210, 3230, 3240, 3400, 3440, 3450, 3510, 4110, 4320

FINANCE MINOR

For majors in or outside the Falls School of Business, 18 hours from:

- ACCT 2010; BSNS 3200, 3350, 4150; ECON 3410
- 3 hours from ACCT 3210; BSNS 3150, 3850, 4160, 4240**, 4800

GLOBAL BUSINESS MINOR

For majors in the Falls School of Business, 15 hours from one of the following options:

Option 1:

- BSNS 3120, 4120
- 6 hours from BSNS 4250; ECON 3210; HIST 3210, 3350, 3370; INCS 3850; POSC 3300, 3400, 3600
- 3 hours from additional upper-division BSNS and ECON courses

Option 2:

- IBI program and 3 hours from BSNS 3120 or 4120
- For majors outside the Falls School of Business, 18 hours from:
- BSNS 2710, 2810, 3120, 4120; ECON 2010; INCS 3850

MANAGEMENT MINOR

For majors in the Falls School of Business, 15 hours from:

- BSNS and ECON courses listed for the management major (excluding core courses)

For majors outside the Falls School of Business, 17-18 hours from:

- BSNS 2710

- 5-6 hours from additional courses in the business core
- 9 hours from BSNS and ECON courses listed for the management major (excluding core courses)

MARKETING MINOR

For majors in the Falls School of Business, 15 hours from:

- BSNS 3210, 4110, 4330
- 6 hours from courses listed for the marketing major (at least 3 hours must be from BSNS 3220, 3510, 3550, 4550, 4240**, 4250, 4440, 4800)

For majors outside the Falls School of Business, 17-18 hours from:

- BSNS 2810
- 5-6 hours from additional courses in the business core
- 9 hours from BSNS courses in the marketing major

ENTERTAINMENT AND MUSIC BUSINESS MINOR

For majors in the Falls School of Business, 15 hours from:

- BSNS 2030, 2040, 3360, 4110, 4330

For marketing majors, 15 hours from:

- BSNS 2030, 2040, 3360
- Two additional BSNS marketing courses

For majors outside Falls School of Business, 18 hours from:

- BSNS 2810, 2030, 2040, 3360
- Two additional courses from the Business Core, 6 hours from ACCT 2010, 2020
BSNS 1050, 2710, 3420
ECON 2010, 2020

NONPROFIT LEADERSHIP MINOR

For majors in the Falls School of Business, 15 hours from:

- BSNS 3300, 4300
- 9 hours from BSNS 4800, ACCT 3300, SOWK 2000, SOCI 2020, RLG 2220

For majors outside the Falls School of Business, 18 hours from:

- BSNS 2710, 2810, 3300, 4300, 4800; ACCT 2010

SOCIAL MEDIA MINOR

For majors in the Falls School of Business, 15 hours from:

- BSNS 3400, 4310, 4400
- 6 hours from BSNS 3240, 3510, 3850***, 4800***

For majors outside the Falls School of Business, 18 hours from:

- ACCT 2010; BSNS 2710, 2810, 3400, 4310, 4400

Event Planning Minor is offered out of the Communication Department and includes courses out of the Falls School of Business.

ECONOMICS

Economics courses are designed for students anticipating graduate study or careers in business, government, law, or social work.

ECONOMICS MAJOR (52 hours)

- Prerequisite of one course from MATH 1300, 1400, 2010

- 37-hour business core
- ECON 3020
- Completion of one of the following concentrations:
 - Economic Policy:**
 - ECON 3410
 - 9 hours from ECON 3110, 3210, 3850, 4020; BSNS 4240**, 4800***; ACCT 4020, POSC 3200
 - Globalization:**
 - 6 hours from ECON 3210; INED 3500*
 - 6 hours from ACCT 3210; ECON 3410; BSNS 3120, 4120, 4250; HIST 3210, 3350, 3370; POSC 2090, 3300, 3330, 3400, 3600

ECONOMICS MINOR (18 hours)

For majors in or outside the Falls School of Business:

- ECON 2010, 2020, 3020, 3410
- 6 hours from ECON 3110, 3210, 3850***, 4020; BSNS 4240**, POSC 3200

INTERNATIONAL BUSINESS INSTITUTE PROGRAM

The International Business Institute (IBI) Program is a 10-week, 12-credit-hour academic summer program that allows business students to incorporate a distinctive international experience into their field of study. The IBI program facilitates personal interaction with business leaders from top multinational corporations. Visits with industry leaders and top policy makers have included Daimler Benz, Nestlé, the Bank of England, and the British Parliament. Travel has included visits to England, Russia, Western and Eastern Europe, and Scandinavia. Acceptance into the program is on a competitive basis. Students should apply early in the fall semester of their junior year. The program is normally completed the summer between the student's junior and senior years. For additional information, visit the website, www.ibi-program.org, or contact the Falls School of Business.

The IBI Program may be taken to satisfy some requirements for the global business major, the global business minor, the global business concentration in the management major, or the global marketing concentration in the marketing major.

The IBI Program courses are ECON 3250; BSNS 4170, 4250, 4450.

* *Specific trip must have the approval of the dean of the Falls School of Business.*

** *When taken to fulfill a requirement for a major, BSNS 4240 must have the prior approval of the student's advisor. When taken to fulfill a minor requirement, the course must have the approval of the dean of the Falls School of Business.*

*** *Practicum or internship must focus on experience related to the student's major or minor and must be approved by the dean of the Falls School of Business.*

ACCT COURSES

- | | | |
|-------------|--|----------------------|
| 2010 | Principles of Accounting I | 3 hrs. (3, 0) |
| | Introduces accounting principles and practice. Covers the accounting cycle, internal control and system design principles, and financial statement preparation and interpretation. PREREQUISITE: MATH 1300 or 1400 or 2010. | |
| 2020 | Principles of Accounting II | 3 hrs. (3, 0) |
| | Continues accounting principles and practice with emphasis on the use of accounting information by management and external users. PREREQUISITE: ACCT 2010. | |
| 3010 | Intermediate Accounting I | 3 hrs. (3, 0) |
| | Focuses on financial statements presented to external users and the complexities of financial reporting in today's business environment. PREREQUISITE: ACCT 2020; CPSC 1100. | |

- 3020 Intermediate Accounting II** **3 hrs. (3, 0)**
Continues principles, practices, and theory used to provide financial information to external users. Includes research and communication regarding issues in financial reporting, along with emphasis on the use of spreadsheets. **PREREQUISITE:** ACCT 3010.
- 3110 Managerial Accounting** **3 hrs. (3, 0)**
Focuses on accounting methods that assist an organization with planning and control. Emphasis is placed on decision making. Topics include cost systems, cost allocation, budgeting, and variance analysis. **PREREQUISITE:** ACCT 2020.
- 3200 Forensic Accounting and Fraud Examination I** **3 hrs. (3, 0)**
Introduces the student to the prevalence and causes of occupational fraud in American society and explores the methods in which these crimes are prevented, committed, detected, and investigated. **PREREQUISITE:** ACCT 3010.
- 3300 Financial Management of Nonprofit Organizations** **2-3 hrs. (2-3, 0)**
Focuses on concepts and processes of nonprofit financial management for various nongovernmental organizations such as voluntary health and welfare organizations and educational institutions. Topics include appropriate internal controls, financial statements, financial indicators, and assessment. **PREREQUISITE:** ACCT 2020.
- 3400 Governmental Accounting** **1 hrs. (1, 0)**
Concepts and standards of financial reporting for governmental entities. Emphasis on CPA exam preparation. **PREREQUISITE:** ACCT 2020.
- 3440 Criminal Law and Legal Elements of Fraud** **3 hrs (3, 0)**
Discusses the legal issues involved in conducting a fraud investigation, including rules of evidence, expert witness matters, criminal and civil law, rights of the accused and accuser, and burdens of proof. **PREREQUISITE:** ACCT 3200.
- 3500 Accounting Information Systems** **3 hrs. (3, 0)**
Accounting information systems from a business perspective including the organization and management of electronic information, the design of effective internal controls, system life-cycle issues, and financial reporting considerations. The study and use of low to mid-market accounting systems and their methods for processing information is an integral part of this course. **PREREQUISITE:** Only open to accounting major and minors who have completed ACCT 2020. **COREQUISITE:** ACCT 3010.
- 3850 Practicum in Accounting** **1-3 hrs. (arranged)**
Students work with faculty consultants planning and executing programs designed to integrate content in accounting in a practical, service-oriented project. Students are responsible for successful implementation of defined projects and reporting results. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **GRADE:** CR/NC registration.
- 3860 Volunteer Income Tax Assistance Practicum** **1 hr. (arranged)**
This course provides professional preparation and a service-learning opportunity in the preparation of federal and state income tax returns. **REPEAT:** May be repeated. **GRADE:** CR/NC registration.
- 4020 Federal Income Tax** **3 hrs. (3, 0)**
Examines Internal Revenue Code and Treasury regulations with respect to taxation of individuals. Includes emphasis on tax research, planning, and compliance. **PREREQUISITE:** ACCT 2020.
- 4050 Advanced Federal Income Taxation** **3 hrs. (3, 0)**
Federal income taxation of corporations, partnerships, and estates and trusts. Students will develop and enhance tax research skills. **PREREQUISITE:** ACCT 4020.
- 4100 Advanced Financial Accounting** **3 hrs. (3, 0)**
Advanced accounting issues related to business combinations, consolidated financial statements, intercompany transactions, multinational accounting (including foreign currency translations and International Financial Reporting Standards (IFRS)), segment and interim reporting, SEC reporting, and partnership accounting. **PREREQUISITE:** ACCT 3020.

- 4200 Forensic Accounting and Fraud Examination II** **3 hrs. (3, 0)**
 This is a continuation of ACCT 3200 and increases the student's ability to better understand what occupational fraud is and how it is committed, prevented, and resolved. Content includes discussion of Internet fraud, cyber-crime, and information security. **PREREQUISITE:** ACCT 3200.
- 4310 Auditing** **3 hrs. (3, 0)**
 Examines standards and procedures of auditing accounting information and statements, internal control, verification of balance sheets and operating accounts, and responsibilities of the auditor. Includes research and communication on issues related to auditing, professional ethics, and the CPA profession. **PREREQUISITE:** ACCT 3020.
- 4800 Accounting Internship** **1-6 hrs. (arranged)**
 With the approval of the Falls School of Business faculty and a cooperating business enterprise, students study under supervision of experienced, practicing professionals. **PREREQUISITE:** Junior standing and ACCT 3010. Up to 3 hours may be counted toward the accounting major. **GRADE:** CR/NC registration.
- 4850 Practicum in CPA Exam Preparation** **1-4 hrs. (arranged)**
 Preparation in study for the CPA exam. One credit per section of the Uniform CPA Examination. **PREREQUISITE:** Senior standing. **GRADE:** CR/NC registration.
- 4900 Professional Ethics for Accountants** **1 hr. (1, 0)**
 A study of ethics for the accounting profession, with attention both to law and personal choice. **PREREQUISITE:** Senior standing.

BSNS COURSES

- 1050 Business as a Profession** **2 hrs. (2, 0)**
 This course is the entry course for Falls School of Business majors. The course examines the multiple roles and responsibilities of business organizations in a capitalistic democracy, introduces the various functions of business, and explores the implications of viewing business as a calling and/or vocation.
- 2030 Introduction to the Music Business** **3 hrs. (3, 0)**
 Overview of major players in the recording industry: record labels, Billboard charts, music distribution, and professional trade organizations. Also explores types of producers, artist management, booking, and concert promotion. **OFFERED:** Semester II. **SAME AS:** MUBS 2010.
- 2040 Introduction to Music Publishing** **3 hrs. (3, 0)**
 Overview of major players in the publishing industry. Copyright basics and revenue streams, including licensing music for recordings, performances, ringtones, television, film, video games, etc. **OFFERED:** Semester I. **SAME AS:** MUBS 2020.
- 2070 Songwriting** **2 hrs. (2, 0)**
 Techniques, philosophy, and principles of composing songs for various markets with emphasis on communication through effective lyrics. Related aspects of publishing, marketing, promotion, copyright law. **PREREQUISITE:** MUSC 1010, 1030. **OFFERED:** Semester I. **SAME AS:** MUBS 2070.
- 2450 Business Statistical Analysis** **4 hrs. (4, 0)**
 This course familiarizes the student with basic statistical principles in a business context. At the conclusion of this course, students should have a comprehensive understanding of descriptive statistics, measures of central tendency, probability, hypothesis testing, and regression. Further, students should be able to give a critical appraisal of statistical principles and theory as it is presented in the contemporary world (news, articles, journals, books, greater business world, etc.).
- 2550 Business Communications** **3 hrs. (3, 0)**
 Wide range of topics involving communication in organizations, including letter writing and writing and presenting reports. **PREREQUISITE:** ENGL 1120.

- 2710 Principles of Management** **3 hrs. (3, 0)**
Managerial principles and problems of conducting business enterprise. Topics include management philosophy, objectives, functions performed by management, and the significance of management in relation to other activities.
- 2810 Principles of Marketing** **3 hrs. (3, 0)**
Studies ways organizations of all sizes and types (including nonprofit) go about finding, getting, and keeping customers. Deals with understanding customers' needs, hopes, wants, dreams, habits, and motivations. Examines ways organizations try to meet those needs and wants through their marketing mix strategies while operating within a dynamic, competitive, and increasingly global environment.
- 3100 Opportunity Recognition and New Venture Feasibility** **3 hrs. (3, 0)**
Focuses on developing ideas for new businesses. Utilizes group exercises and case studies to help students determine which ideas might result in feasible businesses. Students select a business idea then write a feasibility plan, a first step in developing a detailed business plan. This plan will determine if the idea has profit potential. Students may not take the Business Plan Development course until a successful feasibility plan has been approved by the entrepreneurship faculty.
- 3120 Global Business** **3 hrs. (3, 0)**
The importance of thinking globally and understanding the legal, technological, and economic differences that affect business practice are explored through readings and projects. The focus is on the global changes that are impacting national sovereignty, regionalization, and the balance of economic and political power. **PREREQUISITE:** BSNS 2710; ECON 2010.
- 3130 Sport Marketing** **3 hrs. (3, 0)**
The sport industry has become one of the most important and influential institutions in our society. This course provides students the opportunity to study and experience the application of marketing principles and processes in the sport industry. The course emphasizes experiential learning with a focus on selling the sports/entertainment experience. **PREREQUISITE:** BSNS 2810
- 3140 Artist Development** **2 hrs. (2, 0)**
Explores the development of the musical artist within the context of the music industry. The many forces of the music business that influence and shape the artist and the artistic product are investigated. **PREREQUISITE:** BSNS 2030, 2040. **OFFERED:** Semester II. **SAME AS:** MUBS 3100.
- 3150 Financial Planning** **3 hrs. (3, 0)**
Study of money management and comprehensive financial planning skills for immediate and long-range goals of individuals and families. Areas of study include values identification, career planning, consumerism, tax strategies, investments, retirement, and estate planning. Open to all students.
- 3200 Business Finance** **3 hrs. (3, 0)**
Provides overview of the financial management of the business enterprise, with emphasis on ways financial managers create value. Decision-making skills relying on discounted cash flow techniques, capital budgeting, and the fundamentals of security pricing are presented. **PREREQUISITE:** ACCT 2010.
- 3210 Buyer/Seller Relations** **3 hrs. (3, 0)**
Emphasis on essential qualities, right mental attitudes, and emotional control, as well as good selling skills necessary to sell self, services, and products. **PREREQUISITE:** BSNS 2810.
- 3220 Consumer Behavior** **3 hrs. (3, 0)**
Develops awareness of various aspects of consumer motivation and behavior. Provides understanding of influences of business and environment and ways each affects consumer purchase decisions. **PREREQUISITE:** BSNS 2810.

- 3230 Human Resource Management** 3 hrs. (3, 0)
Emphasizes human resource policies and practices. Topics include legal aspects of human resources, recruitment and selection, training and development, career planning and management, compensation and benefits, employee relations, discipline, and counseling. **PREREQUISITE:** BSNS 2710.
- 3240 Operations Management** 3 hrs. (3, 0)
Evaluates management problems of operations in both industrial and service organizations. Topics include scheduling, material requirements, planning, statistical process control, and inventory management. Utilizing a problem-solving focus as a basis for decision-making is a prime objective. **PREREQUISITE:** BSNS 2710; BSNS 2450 or MATH 2120 or PSYC/POSC 2440.
- 3250 Recording Techniques I** 2 hrs. (2, 0)
Guided experiences in audio recording techniques. Emphasis on recording projects using digital multi-track recording; MIDI sequencing; digital signal processing; and computer-based editing, mixing, and mastering. **OFFERED:** Semester II. **SAME AS:** MUBS 3220.
- 3260 Recording Techniques II** 2 hrs. (2, 0)
Guided experiences in audio recording techniques. Emphasis on recording projects using digital multi-track recording; MIDI sequencing; digital signal processing; and computer-based editing, mixing, and mastering. **PREREQUISITE:** BSNS 3250. **OFFERED:** Semester II. **SAME AS:** MUBS 3220.
- 3300 Introduction to Nonprofit Leadership** 3 hrs. (3, 0)
Provides an overview of human resource management and leadership issues in nonprofit organizations. Nonprofit organizations must be concerned with unique issues of balancing organizational, board, staff, and volunteer concerns. The focus is on the topics of motivation, recruitment, and selection of staff, board, and volunteer personnel. **PREREQUISITE:** BSNS 2710.
- 3320 Legal Aspects of the Music Business** 2 hrs. (2, 0)
Selected topics in copyright management, music licensing, and publishing contracts. **PREREQUISITE:** BSNS 2030, 2040. **OFFERED:** With sufficient demand. **SAME AS:** MUBS 3310.
- 3330 Music Marketing** 3 hrs. (3, 0)
Recent trends in music marketing. Teams conduct a focus group, SWOT analysis, and write a marketing plan for an independent artist. **PREREQUISITE:** BSNS 2030, 2040. **OFFERED:** Semester I. **SAME AS:** MUBS 3350.
- 3340 Managing Effective Events** 3 hrs. (3, 0)
This course looks at the operational aspects of planning an event. Focuses will include return on investment, business modeling, goal setting, event proposals, RFP development, room set-up, negotiations, insurance requirements, quality, site selection and customer service. The course will offer students an opportunity to design and manage their own event. **PREREQUISITE:** COMM 3250.
- 3350 Intermediate Finance** 3 hrs. (3, 0)
This course studies specific financial cases and the need for ethics in finance within a system of well-established laws and industry regulation. Sample topics could include the cost of capital, capital structure, capital budgeting, dividend policy, financial analysis and forecasting, sales and lending practices, socially responsible investing, insider trading, the ethics of bankruptcy, and hostile takeovers. **PREREQUISITE:** BSNS 3200.
- 3360 Beyond Talent and Entrepreneurship** 3 hrs. (3, 0)
Practical application of skills necessary to create a successful career as a musician. Explores networking, marketing, publicity, and promotion for careers in performance, songwriting, and producing. Senior students only. **PREREQUISITE:** BSNS 2030, 2040. **OFFERED:** Semester I. **SAME AS:** MUBS 3360.
- 3370 Record Production** 2 hrs. (2, 0)
This course examines the role of the producer and music production techniques required to create a successful recording. **PREREQUISITE:** BSNS 3250. **PREREQUISITE/COREQUISITE:** BSNS

3260. **OFFERED:** Semester II. **SAME AS:** MUBS 3370.
- 3380 Concert Booking and Promotion 2 hrs. (2, 0)**
Examines the role of the concert promoter, booking agents, and support organizations. **PREREQUISITE:** BSNS 2030, 2040. **OFFERED:** Semester II. **SAME AS:** MUBS 3380.
- 3400 eBusiness/eCommerce 3 hrs. (3, 0)**
Examines use and integration of digital technologies in the business setting. Focus will be on how technology can enhance the business value chain through knowledge management, customer relationship management, and supply chain management. Also examines eCommerce fundamentals including the online order process and fulfillment, online service, and related issues.
- 3420 Business Law 3 hrs. (3, 0)**
The nature and historical development of the U.S. legal system, court structure, and legal procedure. Law of contracts, sales, agency, and corporations. Valuable for non-business majors as well as business majors.
- 3440 Law for Entrepreneurs 3 hrs. (3, 0)**
Designed to introduce students to the constantly changing legal environment surrounding the operation of a business entity. Explores the nature of entrepreneurship and the legal issues facing entrepreneurs, including intellectual property law, formation, financing, and management of the entity from a legal perspective. Federal and state laws will be explored to determine their impact upon the business entity. Emphasizes ethical business practices from a Christian perspective.
- 3450 Social Entrepreneurship: Building an Organization to Create Social Change 3 hrs. (3, 0)**
This course challenges students to see the world as it can be, not as it is, and actively participate in the creation of solutions to address a social problem. The intention of the course is to combine the Anderson University goal of serving others while deepening students' understanding of the world around them and use their skills and knowledge to make a positive impact and ultimately to serve a disadvantaged population either locally or in another part of the world. Topics include social innovation, building a sustainable business model, and scaling social impact.
- 3510 Supply Chain Management 3 hrs. (3, 0)**
The study of the issues associated with making goods and services available for use or consumption. Examines activities, organizations, and tools — such as logistics and retailing — involved in delivering the right product to the right place at the right time, quantity, quality, and price. **PREREQUISITE:** BSNS 2810.
- 3550 Integrated Branding and Promotion I 3 hrs. (3, 0)**
Course gives students the opportunity to explore and experience the various forms of promotion that are part of integrated marketing communications. Examination of communications theory related to marketing, along with practical applications, is pursued. The use of advertising, direct marketing, and other promotional tools are considered in a holistic communication approach. **PREREQUISITE:** BSNS 2810.
- 3850 Practicum in Business 1-3 hrs. (arranged)**
Students work with faculty consultants in planning and executing programs to integrate content in business in a practical, service-oriented project. Students are responsible for reporting results. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **GRADE:** CR/NC registration.
- 3860 Event Management Practicum 1-2 hrs. (arranged)**
Application of principles of successful event planning and management. Students will work with a local organization to implement and evaluate an event. **PREREQUISITE:** COMM 3250
- 4010 Organizational Behavior and Theory 3 hrs. (3, 0)**
Stresses behavior in relation to organizational theories, knowledge, and the application of theories related to individual, group, and organizational performance. Emphasis on understanding the managerial process from a behavioral perspective. **PREREQUISITE:** BSNS 2710. **SAME AS:** PSYC 3220.

- 4110 Marketing Research** 3 hrs. (3, 0)
Research methodology and application of research to solve marketing problems. **PREREQUISITE:** BSNS 2810; BSNS 2450 or MATH 2120 or PSYC/POSC 2440.
- 4120 International Management** 3 hrs. (3, 0)
Examines challenges facing managers competing in a global economy. Uses case studies to address ways firms of all sizes become and remain competitive in an international environment, how businesses establish and conduct international transactions, and what managers must know to be effective in the international marketplace. **PREREQUISITE:** BSNS 2710.
- 4150 Investments** 3 hrs. (3, 0)
Examines the organization and function of securities markets, valuation of securities, relationship of risk to required rates of return, and portfolio construction. This is achieved by focusing on concepts and strategies applicable to individual investors and by using the tools employed by professional portfolio managers. **PREREQUISITE:** BSNS 3200.
- 4160 Portfolio Management** 3 hrs. (3, 0)
This course will examine diversification, asset allocation, risk management, performance evaluation, and socially responsible investing. Additionally, the course content will be applied with students making specific investment recommendations for the student-managed Raven Investment Fund. **REPEAT:** May be repeated once. **PREREQUISITE:** BSNS 4150.
- 4170 International Trade and Finance** 3 hrs.
A survey of the analytical and institutional aspects of international trade and finance. The historical and contextual elements are the foundation for the examination of current theoretical and empirical approaches to international economic and financial relations. Major areas of emphasis include international finance, international trade, and regional economic integration. Special attention is also given to the issues of globalization and the problems of economic development. **OFFERED:** At International Business Institute.
- 4240 Topics in Business and Economics** 3 hrs. (3, 0)
This course allows for coverage of subjects pertinent and/or current in nature to be explored. **PREREQUISITE:** Varies depending on topic. **REPEAT:** May be repeated as long as topic is different.
- 4250 Global Marketing** 3 hrs. (3, 0)
Elements of an international marketing plan are discussed and developed. These elements include the cultural environment of global markets, assessing global market opportunities through consumer behavior research, global marketing strategies for the international marketing mix, and implementation of a global marketing strategy. Case studies will be used to illustrate theoretical concepts, and students will develop their own international marketing plan for a product or service. **PREREQUISITE:** BSNS 2810. **OFFERED:** At Anderson University and at International Business Institute.
- 4300 Planning and Fund Development in Nonprofit Organizations** 3 hrs. (3, 0)
Effective administrators in a nonprofit setting must interact with multiple constituencies, provide mission and vision to the organization, make strategic decisions, access resources and support, and provide tools for daily action. This course prepares students who can lead the process of strategic planning in the nonprofit setting and who can conduct marketing functions required by the organizations. Topics include marketing, strategic planning, grant writing, special event management, fund raising, and community relations efforts. **PREREQUISITE:** BSNS 2810.
- 4310 Business Plan Development** 3 hrs. (3, 0)
This course is designed to immerse the student in the dynamics of planning, establishing, and growing a new business. Focuses on the development of a business plan that identifies a market need, evaluates the financial viability of the venture, and organizes the resources to launch the business. This course is taught in a seminar format using both the analysis of cases and the evaluation of business plans. **PREREQUISITE:** BSNS 2710, 2810; ACCT 2010.
- 4320 Funding New Ventures** 3 hrs. (3, 0)
This course focuses on the potential funding sources for the business plans written in Entre-

preneurship I. Attention is given to both equity and debt financing. Sources studied include venture capital funds, bank financing, SBA loans/grants/guarantees, angel investors, community development funds, and others. The course explores appropriate legal forms of business to accompany chosen financing strategies, including limited liability companies, limited liability partnerships, corporations (C and Subchapter S), limited and general partnerships, sole proprietorships, holding companies, and others. Attention is given to developing the deal structure and investor exit strategy as well as limitations imposed on raising capital by the Securities and Exchange Commission. **PREREQUISITE:** BSNS 4310.

- 4330 Marketing Management** **3 hrs. (3, 0)**
Students learn to identify and explain important concepts of marketing management and apply them to practical situations. Students become acquainted with the roles, responsibilities, and tools of the marketing manager. Students also become familiar with developing market plans, feasibility studies, and planning and executing marketing strategies. **PREREQUISITE:** BSNS 2810; senior standing.
- 4340 Event Strategies and Tactics** **3 hrs. (3, 0)**
Topics included in this course are event promotion, contracts, sponsorships and social events, staffing and training, finances, strategic performance, project management, standard policies, event technology and evaluation. A more comprehensive event will be developed and executed by the students. **PREREQUISITE:** BSNS 3340
- 4400 Social Media** **3 hrs. (3, 0)**
Explains the development and evolution of social media marketing. There is a focus on companies who are successfully marketing themselves across social networking platforms and the tools they are using for communication, customer retention, branding, marketing, market research, and interacting with customers and clients. Topics also include privacy and best practices. Students examine the process of buying and selling products, services, and information via digital technologies (typically the Internet). Students gain familiarity with retail/business website design issues, e-consumer behavior, the online order process and fulfillment, online service, and related issues.
- 4440 Senior Marketing Seminar** **1 hr. (1, 0)**
Students investigate and prepare for areas of interest within the marketing field. Students deal directly with marketing practitioners to gain greater understanding of the current marketing issues and topics. Through discussion with practitioners and students, and related readings, insight is gained into opportunities, responsibilities, and areas of expertise. Students also develop and present their personal portfolios of marketing-related projects and experiences. **PREREQUISITE:** BSNS 2810; senior standing; marketing major.
- 4450 Global Business Strategy** **3 hrs.**
This course is intended to integrate field experiences and presentations by guest faculty and practitioners in the area of international business management with reading and academic work that includes recent developments and literature in this field. Students will be expected to prepare analytical reports on the various firms and institutions visited on the field seminar. Major topics covered in this course include the role of the multinational firm in the global economy, international and global business strategy, and cultural adaptation and organizational behavior in the global firm. Ethical values and issues in global management will also be discussed. **OFFERED:** At International Business Institute.
- 4500 Strategic Management** **3 hrs. (3, 0)**
The study of administrative policy and strategy in organizations. Emphasis is placed on the integration and inter-relationships of functional business areas for the purpose of broad perspective (accounting, economics, finance, marketing, and management). Students evaluate strategy formulation and decision-making situations from top management perspectives. Through the use of case studies, this course addresses a variety of both organizational structures and sizes. **PREREQUISITE:** BSNS 2710, 2810, 3200; ACCT 2020; senior standing.

- 4550 Integrated Branding and Promotion II** **3 hrs. (3, 0)**
 Students take foundational understanding of marketing communications and develop an advanced ability to develop an actual communication strategy. Higher level material in marketing communication is explored, along with an expectation to create a complete communication plan, with creative strategy and execution, media plan, and budget. The experience may include work for a real client or an entry into a national advertising/marketing competition. **PREREQUISITE:** BSNS 3550.
- 4800 Business Internship** **1-4 hrs. (arranged)**
 Current business problems. With approval of the School of Business faculty and a cooperating business enterprise, students study under supervision of experienced executives. **EXPECTATION:** 30 hours completed toward a business major or instructor's written consent. **REPEAT:** May be repeated. **GRADE:** CR/NC registration.
- 4810 Internship in Music Business** **1-3 hrs. (arranged)**
 In-depth experience in selected music industry tailored to ability and needs of individual students. **REPEAT:** May be repeated up to four hours. **OFFERED:** Each semester. **PREREQUISITE:** BSNS 2030, 2040. **SAME AS:** MUBS 4800.
- 4900 Recording Label Seminar** **1-2 hrs. (1-2, 0)**
 Senior capstone course for music business majors. Focuses on selection, recording, management, and promotion of record label artists and projects. **EXPECTATION:** Registration for entire academic year. **REPEAT:** May be repeated up to four credit hours towards the music business major. **OFFERED:** Each semester. **PREREQUISITE:** BSNS 2030, 2040. **SAME AS:** MUBS 4900.
- 4910 Seminar in Ethics and Leadership** **1 hr. (1, 0)**
 This senior capstone course is designed to encourage students to seriously consider their individual responsibilities to the organization and to society. The Christian call to be "salt and light" is explored in an organizational context. **PREREQUISITE:** Senior standing.

ECON COURSES

- 2010 Principles of Macroeconomics** **3 hrs. (3, 0)**
 Analysis of modern economic society, including examination of determinants of economic growth, changing price levels, monetary and fiscal policy, distribution of income, public economy, and current problems. **PREREQUISITE:** Sophomore standing.
- 2020 Principles of Microeconomics** **3 hrs. (3, 0)**
 Emphasis on markets, price system, allocation of resources, industry structure, and international economy. **PREREQUISITE:** Sophomore standing.
- 3020 Intermediate Microeconomics** **3 hrs. (3, 0)**
 Economic theory examined with emphasis on price and output determination, national income, and analysis of current problems. **PREREQUISITE:** ECON 2010, 2020; MATH 1400.
- 3110 Public Finance** **3 hrs. (3, 0)**
 Economic theory as it applies to governmental revenue and expenditures. **PREREQUISITE:** ECON 2010, 2020.
- 3210 International Economics** **3 hrs. (3, 0)**
 Topics drawn from issues pertinent to economic trade relations among nations. The course will cover the implications of globalization from a purely economic perspective. **PREREQUISITE:** ECON 2020.
- 3250 Comparative Economic Systems** **3 hrs.**
 A survey of the major economic systems, including the underlying ideological foundations and institutional arrangements. The major theoretical aspects of various types of systems are covered in terms of political economy and their central organizational features. Special attention is given to changes and developments in the former Soviet Union and Eastern Europe.

The European Union is covered in depth along with the major Asian economies of China and Japan. **OFFERED:** At International Business Institute.

3410 Money and Banking **3 hrs. (3, 0)**

Monetary and banking system of the United States with emphasis on Federal Reserve System and monetary policy. **PREREQUISITE:** ECON 2010, 2020.

3850 Practicum in Economics **1-3 hrs. (arranged)**

Students work with faculty consultants in planning and executing programs to integrate content in economics in a practical, service-oriented project. Students are responsible for successful implementation of defined projects and reporting results. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **GRADE:** CR/NC registration.

4020 Topics in Contemporary Economics and Finance **3 hrs. (3, 0)**

This course allows for the coverage of subjects pertinent and/or current in nature to be explored. **PREREQUISITE:** Varies depending on topic. **REPEAT:** May be repeated as long as topic is different.

4700 Methods of Teaching Social Studies **2 hrs. (2, 0)**

Offers guidance in the development of teaching methodology appropriate to the social sciences. Does not apply toward major or minor. **SAME AS:** SOCI/HIST/POSC 4700.

Classics

Dr. Burnett, coordinator; Dr. Reed, Dr. Strege

An interdisciplinary minor is offered for students to study one of the basic traditions of Western civilization — the Graeco-Roman.

CLASSICS MINOR

OPTION A (16 hours)

- HIST 2030
- Remaining hours from ARTH 3010; BIBL 2210, 2220; RLG/ENGL 3200; HIST 3100; PHIL 2210

OPTION B (16 hours)

- BIBL 2210, 2220; HIST 2030
- Remaining hours from ARTH 3010; RLG/ENGL 3200; HIST 3100; PHIL 2210

Communication, Design & Studio Arts

Prof. Fuller Beeler, chair; Dr. Baird, Dr. Boggs, Dr. Chapman, Prof. Dugan, Prof. Lipan, Prof. Morehead, Prof. Rudynski; Prof. Armstrong, Prof. Dawson, Prof. Gibson, Prof. Rust, Prof. Street, Dr. Wood

The Department of Communication, Design & Studio Arts is committed to preparing students for an active and faithful life of stewardship within their chosen disciplines. Recognizing the close connection between creativity and the Creator, we seek to do this work with integrity, free and open inquiry, discipline, collaboration, and excellence.

COMMUNICATION ARTS

Within the discipline of communication arts, the Department of Communication, Design & Studio Arts enables students to bring to the communication profession both breadth and depth, and it provides students with the opportunity to gain knowledge, skills and techniques.

For students interested in careers in cinema and media arts or in public relations, standalone majors are offered that encompass a full range of courses from theory to practice. For students interested in speech communication or journalism, complementary majors are offered that provide opportunity to couple communications-specific study with another discipline. Likely complements include English, history, political science, religious studies, or other areas of particular interest to the student.

All students must take and achieve a grade of C- or better in COMM 2000 (Media and Society) and COMM 2010 (The Communication Professional) before registering for further courses in the major that require these as prerequisites. Students pursuing cinema and media arts must take and achieve a grade of C- or better in COMM 2020 (Audio Concepts), COMM 2060 (Video/Cinema Concepts) and COMM 2160 (The Art of Storytelling) to continue progressing in the major. Students pursuing journalism, public relations or speech communication must achieve a C- or better in COMM 2130 (Writing for the Media) to continue in the major. Students will have two opportunities to earn the required grade.

Specifically, the fields of study in the area of communication arts are:

- **Cinema and Media Arts**

Students study audio, video, and cinema production in preparation for careers in production and management. Instructors in this area are typically members of the National Academy of Television Arts and Sciences (Lower Great Lakes Chapter). Practical experience includes work in the university's commercial FM radio station, WQME, and the student-supported television and film production facility, Covenant Productions®, as well as internships with audio, film, and video production companies and radio and television stations. WQME is a member of the Radio Advertising Bureau (RAB) and the Indiana Broadcasters Association (IBA). For students interested in a career in film, the university also offers a semester-long program in Hollywood with the Los Angeles Film Studies Center.

- **Journalism**

Emphasis on newswriting skills aids students in preparing for careers in writing, reporting, announcing, and editing for print and electronic media. Instructors in this area are typically members of the American Journalism Historians Association, the Society of Professional Journalists, and/or College Media Advisers. Practical experiences include writing, editing, and publishing the student newspaper, the *Andersonian*; newscasting with the university's commercial FM radio station, WQME; and reporting and anchoring experiences in radio and television classes, as well as internships with newspapers, magazines, radio, and TV stations and networks.

- **Public Relations**

Courses in the public relations function, public relations campaigns, and the publicity process prepare students for careers as communicators in business and nonprofit organizations. Instructors in this area are typically members of the Public Relations Society of America and the International Association of Business Communicators. Practical experience includes working for the university's student-staffed public relations agency, Fifth Street Communications®, and internships with public relations departments of corporations and not-for-profit institutions and with public relations agencies. The university has a chapter of the PRSSA (Public Relations Student Society of America).

- **Speech Communication**

A general study of communication arts with a selection of courses from across the communication arts curriculum. Designed to provide a broad background for students interested in careers in public service and law.

COMMUNICATION ARTS MAJOR

CINEMA AND MEDIA ARTS (52 hours):

- Core: 11-14 hours from COMM 2000, 2010, 3200, 4000, 4800
- COMM 2020, 2060, 2160, 2200, 2320, 2420, 3120, 3220, 3420, 3160
- 4 hours from COMM 2860
- 1-4 hours from COMM 4800
- Remaining hours from: COMM 3000, 4120, 4900; THEA 3500

PUBLIC RELATIONS (52 hours):

- Core: 11-14 hours from COMM 2000, 2010, 3200, 4000, 4800
- COMM 2130, 2200, 2240, 3000, 3240, 3250, 3330, 3340, 3440
- 4 hours from COMM 2840
- Remaining hours from: COMM 2140, 3110, 3130, 3150, 3230, 3370, 4440, 4900; BSNS 2810, 3550; ENGL 3160

COMMUNICATION ARTS COMPLEMENTARY MAJORS

JOURNALISM (30 hours):

- Core: 12 hours from COMM 2000, 2010, 3200, 4000, 4800 (2 hours)
- COMM 2130, 2200, 3130, 3230
- 3 hours from COMM 2850
- Remaining hours from: COMM 2140, 3330, 3370

SPEECH COMMUNICATION (33-34 hours):

- Core: 11-14 hours from COMM 2000, 2010, 3200, 4000, 4800
- COMM 2130, 2550, 3000, 3110, 3150, 3210, 3310
- 2 hours from COMM 2880
- Remaining hours from any COMM captioned course except COMM 1000

COMMUNICATION ARTS MINORS

CINEMA AND MEDIA ARTS (18 hours):

- COMM 2000, 2010, 2020, 2060, 2200; 2860 (2 hours), 2320 or 2420

EVENT PLANNING AND MANAGEMENT (16-17 hours):

- COMM 2000, 2010, 2240, 3250; COMM/BSNS 3860 (1-2 HOURS); BSNS 3340, 4340

JOURNALISM (18 hours):

- COMM 2000, 2010, 2130, 3130, 3230, 2850 (2 HOURS), 3200 OR 4000

PUBLIC RELATIONS (18 hours):

- COMM 2000, 2010, 2130, 2240, 3240; 3250 or 3440; 3340

SPEECH COMMUNICATIONS MINOR (18 hours from the following)

- COMM 2000, 2010, 2550, 2880, 3110, 3150, 3210, 3310

TEACHING REQUIREMENTS

In addition to the requirements listed below, students pursuing a teaching major must also meet additional requirements listed in the School of Education section of this catalog.

LANGUAGE ARTS TEACHING MAJOR

To fulfill requirements for teaching speech communication at the secondary level, students complete courses in English, speech communication, and professional education. For specific requirements, refer to the Department of English listing in this catalog.

DESIGN & STUDIO ARTS

In the area of design and studio arts, students are encouraged to integrate practices of faith and practices of art so as to contribute new perspectives on their interrelation to the communities they serve. The design and studio art studies also aim to develop the whole person with concern for who they are, not just what they do. A primary goal of the design and studio arts studies is to prepare students to become collaborative leaders in many paths of life.

For students interested in careers encompassed by the studio arts or visual communication design, standalone majors are offered that include a comprehensive range of courses in studio practice, history, theory, and practicums. In addition, students may pursue a complementary major, general studies in art+design, with the intent of completing a primary major in another field of study. Likely complements include cinema and media arts, computer science, English, engineering, history, marketing, psychology, and social work.

FOUNDATIONS SEQUENCE (CORE)

Design and studio arts majors follow a common sequence of foundation courses beginning the first semester of the freshman year:

- **Semester I:** ARTS 2010, 2011; ARTH 2020
- **Semester II:** ARTS 2042, 2060; ARTH 2100

All design and studio arts majors are required to maintain and present sketchbook/journals during their programs of study.

PORTFOLIO REVIEW AND CAPSTONE

At the completion of the 17-hour foundation sequence (usually at the conclusion of the freshman year) all design and studio arts majors are required to complete and pass a foundations portfolio review before proceeding to the sophomore level of study. This review is a degree requirement. Students passing the review may proceed with coursework. Students who do not meet the standards of this proficiency examination may be placed on probation or refused acceptance into the major's programs. Student portfolios receiving probationary status are eligible for re-review in one semester after the completion of additional coursework.

Students at the advanced level, typically late in the junior year, are required to pass an advanced review to enroll in ARTS 4950. This review is also a requirement for graduation. All design and studio arts majors must participate in a senior exhibition and in public presentations of inquiry papers, which are corollary to ARTS 4950.

Specifically, the fields of study in the area of design and studio arts are:

• Visual Communication Design

This major prepares students for professional practice through intensive studio, theory, and history studies. A primary focus is the development of a visual portfolio; both print and digi-

tal. Courses engage students in the creation of visual products for print, web, and time-based media. Emphasis is placed on learning how to communicate ideas through appropriately and creatively designed visual products. Professional preparation opportunities include working with clients in studio-based projects and internships at the junior and/or senior levels. Students completing the major are prepared to work in design studios; advertising, marketing, and public relations agencies; corporate and church in-house communications departments; and other professional environments where visual communication is a primary component.

- **Painting+Printmaking**

This major prepares students for professional practice through intensive studio, theory, and history studies. A primary focus is the development of a visual portfolio. Courses engage students in the creation of visual products through the exploration of significant historical and contemporary themes. Emphasis is placed on self-discovery and how to communicate ideas through art. Professional preparation opportunities include summer study programs and practicum experiences. Career opportunities for graduates of the major include: setting up an independent studio or gallery, setting up a fine art publication/press, museum and curatorial work, restoration work, and teaching at art community or church centers (or at public schools and universities with further study), as well as pursuing graduate studies.

- **General Studies in Art+Design (Complementary)**

This major complements a primary major in another field or discipline. It prepares students through an intensive foundation program combined with a broad selection of introductory and intermediate courses in design and studio arts. A capstone professional practice course assists students in the preparation of a visual portfolio and planning for professional opportunities after graduation. Students completing this major are prepared to integrate their visual arts studies with other professions where knowledge and practice in the visual arts is an asset.

DESIGN & STUDIO ARTS MAJORS

PAINTING+PRINTMAKING (54 hours)

- ARTS 2010, 2011, 2042, 2060, 2900, 2040, 3330, 3120, 3340, 4040, 4340, 4910, 4950
- ARTH 2020, 2100, 3010, 3020, 3030, 4850

VISUAL COMMUNICATION DESIGN (54 hours)

- ARTS 2010, 2011, 2042, 2060, 3110, 3114, 3310, 3420, 4114, 4310, 4420, 4950
- ARTH 2020, 2100, 2500, 3010, 3020, 4800

DESIGN & STUDIO ARTS COMPLEMENTARY MAJORS

GENERAL STUDIES IN ART (31 hours)

- ARTS 2010, 2011, 2042, 2060
- ARTH 2020, 2100
- one course from ARTH 3010, 3020, 3030
- 11 hours (including at least one 3000-level course) from ARTS 2040, 2900, 2092, 3110, 3114, 3120, 3310, 3330, 3340, 3420, 4910

The general studies in art and design major is available only as a complementary major. Students pursuing this major must pass a foundations review.

MINOR

VISUAL STUDIES IN ART+DESIGN (17 hours)

- ARTS 2010, 2011, 2042, 2060
- ARTH 2020, 2100

No portfolio review required for the minor; however, students wishing to pursue courses beyond the above listed courses must pass a foundations review.

ARTH COURSES (*HISTORY*)

- 2000 Great Themes in Art and Design History** 3 hrs. (3, 0)
An integrative course focusing on important themes found in art and design history through lecture and studio experiences. The course examines these themes from medieval through modern times.
- 2020 Visual Arts: Critical Inquiry, Creativity, and Vocation** 2 hrs. (2, 0)
Introduces practice in visual critical reasoning through oral presentation, written argument, collaborative learning, and studio problems. Examines the role of one's vocation or sense of calling in both present and future work. Welcomes creativity in all ways that it shows as well as explores methods for developing creative ideas. Formerly ARTH 2041.
- 2100 History of Art, Design, and Visual Culture in the Modern World** 3 hrs. (3, 0)
Historical survey of the visual arts and architecture, influential design movements, and the changing concepts of visual culture in the modern world. Along with the study of traditional studio arts, the course examines the place of the technical aesthetic/visual innovations peculiar to the modern period such as photography, mass print media, and digital imaging
- 2150 Survey of Women in the Arts — Renaissance to Modern** 3 hrs. (3, 0)
A survey of significant woman artists within the Western Arts tradition including the visual arts, literature, and music within the historical framework of the Renaissance to Modern periods. Special emphasis is placed on the visual arts. Comparisons are made to their male counterparts to better understand the particular historical and political concepts within the time period.
- 2200 Making Meaning and the Design of Everyday Things** 3 hrs. (3, 0)
Investigates designed objects through various contexts and conceptual frameworks. Objects of material culture from "everyday" living of both past and present provide primary sources for investigation. Course participants engage in discussion toward understanding the role of these objects in shaping individual thought and behavior.
- 2850 Pre-Professional Practicum** 1-2 hrs. (arranged)
Provides opportunity for students to work directly with professionals in their fields of vocational interest. Information obtained will help students gain insight into opportunities, obligations, and skills necessary for careers in their areas of interest. **CONSENT:** Instructor.
REPEAT: May be repeated.
- 3010 Ancient to Medieval Art** 3 hrs. (3, 0)
Study of art and architecture from ancient cultures through the Middle Ages. **PREREQUISITE:** ARTH 2100.
- 3020 Renaissance to Modern Art** 3 hrs. (3, 0)
A study of art and architecture from Italian Renaissance through the modern period. **PREREQUISITE:** ARTH 2100.
- 3030 Contemporary Art and Design** 3 hrs. (3, 0)
A survey of the prevailing theories, art and design products, and practitioners that emerge from mid-twentieth century to the present. Students are expected to develop verbal and written skills in discussing contemporary visual products and to learn to identify significant characteristics of these products. This course is intended to promote the student's understanding of important ideas that shaped art and design practices and to expand knowledge of the debates regarding contemporary critical theory and criticism. **PREREQUISITE:** ARTH 2100.
- 4800 Senior Practicum: Design** 4 hrs. (4, 0)
Practical experiences in the professional field, approximately 20 hours per week. Students learn employers' job methods relating to creative design applications, production responsibilities, and client contact. **CONSENT:** Instructor. **PREREQUISITE:** ARTS 4114, 4310.

- 4850 Senior Practicum: Studio** **1 hrs. (1, 0)**
Students advance their professional practice knowledge and studio experience by working in collaboration with a professional studio artist. **CONSENT:** Instructor. **PREREQUISITE:** ARTS 4040, 4340.

ARTS COURSES (*STUDIO*)

- 2010 Introduction to Drawing** **3 hrs. (6, 3)**
Covers a variety of skills and subject matter attempting to develop visual understanding and sensitivity. Formal art elements relevant to drawing; exploration of various graphic media. Main concerns are concepts of processes and seeing as related to drawing.
- 2011 Two-Dimensional Design** **3 hrs. (6, 3)**
A series of directed studio problems, using a variety of media, concerned with the elements of form and the principles of organization in two-dimensional visual forms. Emphasis on composition, such as Gestalt principles, structural arrangements, and visual communications theories. Students are introduced to a design/research process that is applied to course assignments and to the departmental sketchbook/journal requirement. **REPEAT:** May be repeated one time for credit.
- 2040 Introduction to Painting** **3 hrs. (6, 3)**
Introduction to concepts and processes of painting. Basic problems of space, image, and color explored. **EXPECTATION:** Passed foundations review, or instructor's written consent. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2020, 2100.
- 2042 Three-Dimensional Design** **3 hrs. (6, 3)**
introduce basic physical forces and laws, how these affect materials, and how structures are designed in relation to these conditions. Students are introduced to a three-dimensional design/research process that makes use of models in relation to graphic information. Preparatory work culminates in pieces that explore materials, objects, contexts, and time. **REPEAT:** May be repeated one time for credit.
- 2060 Intermediate Drawing** **3 hrs. (6, 3)**
Explorations of drawing concepts relevant to various media and fields of art. Emphasizes investigative aspects of drawing, using the human figure, its critical analysis, and relationship to space and environment. **PREREQUISITE:** ARTS 2010. **REPEAT:** May be repeated one time for credit.
- 2092 Introduction to Photography** **3 hrs. (6, 3)**
An introduction to the use of the camera as a creative tool to extend the possibilities of black and white visual imagery by incorporating time, light, movement, value, and forms. Traditional darkroom techniques along with digital approaches to image production are explored. **EXPECTATION:** Passed foundations review. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2020, 2100. May be repeated one time for credit.
- 2900 Concept Studio Seminar** **3 hrs. (6, 3)**
Provides a framework that students can explore their personal concepts derived from major themes in art. Students develop concepts/themes both technically and formally. Students learn to analyze the relationship between content and form: how form and content dialogue in relation to one another. Exploration of an idea or concept in various media will be illustrated from research of historical and contemporary artists and through process work. This structured analysis and exploration provides a framework towards the understanding of how student artists can develop their own ideas within their art. **EXPECTATION:** Passed foundations review, or instructor's written consent. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2020, 2100.
- 3110 Visual Design Studio** **3 hrs. (6, 3)**
An introduction to the practice of graphic design. Students engage in studio problems that explore the communicative potential of visual symbol making. The meaningful interrelation

- of text and image is investigated through the integration of drawing, photography, illustration, and typography. Students also begin to develop an individual design methodology that includes textual and visual research, explorative design thinking, appropriate visual/verbal presentation approaches, and critique skills. **EXPECTATION:** Passed foundations review. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2020, 2100. **REPEAT:** May be repeated one time for credit.
- 3114 Human Experience in Design** **3 hrs. (6, 3)**
Introductory study of the interrelation among form, concept, and context as they participate in the relationship between artists/designers/makers and audience/viewers/users. Through the execution of projects employing layout, illustration, and photo-imaging software, students examine aspects of the complexities of visual communication. **EXPECTATION:** Passed foundations review. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2020, 2100. **REPEAT:** May be repeated one time for credit.
- 3120 Intermediate Painting** **3 hrs. (6, 3)**
Exploration of concepts, processes, and materials used in painting today. More individualized approach stressed. **PREREQUISITE:** ARTS 2040. **REPEAT:** May be repeated one time for credit.
- 3310 Typography Studio** **3 hrs. (6, 3)**
Introduction to history, aesthetics, and process of typography. Examines layout formats and the interrelationships of text, display types, composition, and content. Study of letter forms and designing with type. **PREREQUISITE:** ARTS 3110, 3114. **REPEAT:** May be repeated one time for credit.
- 3330 Introduction to Printmaking** **3 hrs. (6, 3)**
Introduction to hand-drawn, photographic, and digital relief printmaking techniques as explored through intaglio, woodblock, and monotype. **EXPECTATION:** Passed foundations review. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2020, 2100.
- 3340 Intermediate Printmaking** **3 hrs. (6, 3)**
Continued exploration of analog and digital approaches to relief printmaking, particularly letterpress. The introduction of planographic and stencil print media, including analog and digital approaches to lithography and screenprinting. **PREREQUISITE:** ARTS 3330.
- 3420 Design Through Print Production** **3 hrs. (6, 3)**
A comprehensive exploration of the importance and impact of printing on design thinking and practice. Students learn digital and photomechanical approaches to preparing design applications for commonly used printing methods in the profession. Students will conceptualize, design, and prepare artwork for printing, and will receive hands-on experience with operating a printing press. Printing experiences include letterpress, lithography, and serigraphy. **PREREQUISITE:** ARTS 3110, 3114. **REPEAT:** May be repeated one time for credit.
- 3860 General Studies in Art and Design Practicum** **1-2 hrs. (arranged)**
Students are placed in design or fine art studios to experience in-studio methods and production techniques, develop appropriate language and communication skills, and work with professional artists and designers in assisting with client-based or commissioned projects. **EXPECTATION:** Passed foundations review. **CONSENT:** Instructor. **PREREQUISITE:** One 3000-level ARTS course.
- 3940 Advanced Studio Projects** **3 hrs. (3, 0)**
Students complete self-directed projects in either two- or three-dimensional disciplines, meet regularly for collective review and criticism, and focus on problems related to the development and continuity of studio portfolios. **EXPECTATION:** Passed foundations review; completion of first and second levels in the studio area for which projects are proposed. **CONSENT:** Faculty panel. **REPEAT:** May be repeated one time for credit.
- 4040 Advanced Painting** **3 hrs. (6, 3)**
Building on knowledge gained from previous course experiences, emphasis is placed upon the development of a focused vision supported by self-directed research and analysis. Students engage in critical dialogue to establish a visually coherent and conceptually unified body of work. **PREREQUISITE:** ARTS 3120. **REPEAT:** May be repeated one time for credit.

- 4114 Design for Digital Media** 3 hrs. (6, 3)
Advanced study and application of systems, principles, and procedures underlying the practice of graphic design as related to digitally based projects. Introduction to interactive digital media technology and the impact upon design professions. Students encounter the complexities of working with clients and vendors in the realization of designed electronic materials and virtual environments. Interdisciplinary design teams work to structure design problems to develop well-organized solutions. **PREREQUISITE:** ARTS 3110, 3114, 3310, 3420. **REPEAT:** May be repeated one time for credit.
- 4310 Design for Print Media** 3 hrs. (6, 3)
Advanced study and application of systems, principles, and procedures underlying the practice of graphic design as related to print-based projects. Students encounter the complexities of working with clients and vendors in the realization of designed materials and environments. Interdisciplinary design teams work to structure design problems to develop well-organized solutions. **PREREQUISITE:** ARTS 3110, 3114, 3310, 3420. **REPEAT:** May be repeated one time for credit.
- 4340 Advanced Printmaking** 3 hrs. (6, 3)
Students concentrate their study on thematically focused work with an awareness for contemporary print practice and critical dialogue. Students may work in any print medium introduced in previous printmaking courses creating mature images that demonstrate expertise in the process. Students are expected to develop a body of work that articulates an inventive and conceptual approach to the printed image and a clear personal vision. **PREREQUISITE:** ARTS 3340. **REPEAT:** May be repeated one time for credit.
- 4420 Design Methodology** 2 hrs. (4, 2)
Research and communication theory and practice related to practicum experiences. Series of meetings and discussions with visiting experts. **PREREQUISITE:** ARTS 4114, 4310.
- 4650 Special Projects in Art (Two-Dimensional)** 1-4 hrs. (arranged)
Exploration of specific problems in students' areas of concentration, carried out independently with instructor. **EXPECTATION:** Appropriate introductory and intermediate-level experience. **CONSENT:** Instructor. **REPEAT:** May be repeated.
- 4910 Professional Practice Seminar** 2 hrs. (4, 2)
For Painting+Printmaking majors. Students learn to prepare visual portfolios, develop résumés, write grant proposals, estimate project costs, establish pricing, initiate promotional practices (social media and website set-up), through a series of meetings and discussions with faculty and guest artists. **PREREQUISITE:** ARTS 3120, 3340.
- 4930 Comprehensive Projects Preparation** 1 hr. (1, 0)
Development of inquiry paper utilizing inquiry-based research approach. Exhibition planning. **EXPECTATION:** Passed foundations and advanced reviews. **CONSENT:** Faculty panel. **REPEAT:** May be repeated.
- 4950 Comprehensive Projects** 4 hrs. (4, 2)
Students prepare portfolios, written inquiry papers, and concluding exhibitions. It is recommended that visual arts education majors complete student teaching in the semester preceding this course. **EXPECTATION:** Passed foundations and advanced reviews. **CONSENT:** Faculty panel.

COMM COURSES

- 1000 Introduction to Speech Communication** 3 hrs. (3, 0)
Fundamentals of communication with emphasis on interpersonal, small group, and public communication experiences. **OFFERED:** Each semester.
- 2000 Media and Society** 3 hrs. (3, 0)
Examination of major print and electronic media in terms of historical development, functions, structures, and issues. Entry course to communication arts program. **COREQUISITE:** COMM 1010. **OFFERED:** Each semester.

- 2010 The Communication Professional** 1 hr. (1, 0)
Orientation to working in the media, professional attitudes and expectations, planning a career, and developing a professional portfolio. **COREQUISITE:** COMM 2000. **OFFERED:** Each semester.
- 2020 Audio Concepts & Production** 3 hrs. (3, 1)
Introduction to the basic tools, disciplines, and concepts of audio production. Students will hone skills in announcing, recording, mixing, and digital editing utilizing current audio hardware and software.
- 2060 Video/Cinema Concepts** 2 hrs. (2, 2)
Introduction to the tools, disciplines, and concepts of video/cinema production. Topics and practices include theory of video/cinema, visual space, camera operation, graphics, digital editing, directing, and producing utilizing current video/cinema hardware and software. Both multi-camera and single-camera production opportunities. **PREREQUISITE:** COMM 2000, 2010, 2020, 2200.
- 2130 Writing for the Media** 3 hrs. (3, 0)
Research and writing in a variety of media, with an emphasis on news, features, public relations, and commercial copy. **PREREQUISITE:** COMM 2000, 2010. **OFFERED:** Each semester.
- 2140 Audio/Video/Cinema Production for Journalists and PR Practitioners** 3 hrs. (3, 2)
Introduction to the basic knowledge, disciplines, and skills required of journalists and public relations practitioners in the areas of audio, video, and cinema production. Includes digital single-camera production, audio and video editing of news stories, prompter use, etc. **PREREQUISITE:** COMM 2000, 2010, 2200. **OFFERED:** 2014-2015.
- 2160 The Art of Storytelling** 3 hrs. (3, 0)
Introduction to theme, plot, story arc, character, and narrative view as told through cinema and media arts. Particular emphasis on screenwriting. Additional topics Include finding stories, adapting to the audience, and proper written form for different media. Includes daily writing assignments. **PREREQUISITE:** COMM 2000, 2010. **OFFERED:** Every spring.
- 2200 Visual Communication** 3 hrs. (3, 0)
Introduction to typography, color theory, photography, and design principles for print, Internet, and video/cinema communication. Instruction in the appropriate production technologies. **OFFERED:** Each semester.
- 2220 Audio Production** 3 hrs. (3, 0)
The art of creating quality audio production for radio, video/cinema, and the Internet. Emphasis is on production technique. **PREREQUISITE:** COMM 2020. Last offering will be Fall 2014.
- 2240 Public Relations Foundations** 3 hrs. (3, 0)
Introduction to public relations: history, environment, processes, tools, and practices. Concepts are reinforced through current event discussions and the development of a basic public relations plan. **PREREQUISITE:** COMM 2000, 2010.
- 2320 Television Studio Production** 4 hrs. (3, 2)
Intermediate course on the studio production process with an emphasis on producing, directing, and viewing the production process as a collaborative effort. Programs include news, drama, and other basic television genres. Students rotate through all crew positions. **PREREQUISITE:** COMM 2000, 2010, 2060. **OFFERED:** 2015-2016.
- 2410 Communication for Language Arts** 3 hrs. (3, 0)
Advanced communication for the language arts teaching major. Course content includes intrapersonal and interpersonal communication, listening, verbal and nonverbal communication, small group dynamics, and oral interpretation. **OFFERED:** 2015-2016.
- 2420 Field, Soundstage, and Postproduction** 4 hrs. (3, 2)
Intermediate practice of the single camera video/cinema production process in the field. Involves preproduction planning, producing, directing, cinematography, and digital editing. **PREREQUISITE:** COMM 2060. **OFFERED:** 2014-2015.

- 2550 Appreciation of Great Speeches** **2 hrs. (2, 0)**
Examination of historic and contemporary speeches to develop understanding and appreciation of the elements by which great speeches are valued. **PREREQUISITE:** COMM 1000.
- 2840 Fifth Street Communications Staff** **1 hr. (arranged)**
Practical experience in a student-staffed public relations agency primarily serving not-for-profit organizations. Emphasis is on researching client needs, developing appropriate and high-quality communication deliverables, and providing outstanding customer service to clients. **PREREQUISITE:** COMM 2130. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **OFFERED:** Each semester.
- 2850 Andersonian Staff** **1 hr. (arranged)**
Involves working in staff positions on the student newspaper, the *Andersonian*. Responsibilities include planning, writing, editing, and designing content for both the print and electronic platforms. **PREREQUISITE:** COMM 2130. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **OFFERED:** Each semester.
- 2860 WQME/Covenant Productions® Staff** **1 hr. (arranged)**
Professional experience in daily operation of WQME FM or Covenant Productions®. **PREREQUISITE:** COMM 2000, 2010. Experience with Covenant Productions® also requires COMM 2060 as a prerequisite. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **GRADE:** CR/NC registration. **OFFERED:** Each semester.
- 2880 Debate Practicum** **1 hr. (1, 1)**
Practical experience in debate; involves participation on debate team. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **OFFERED:** Each semester.
- 3000 Communication Theories** **3 hrs. (3, 0)**
Historical background, research methods, and a range of theoretical approaches to communication and the mass media, including persuasion, propaganda, and social/political effects. **PREREQUISITE:** COMM 2000, 2010; upper-division standing. **OFFERED:** 2015-16.
- 3110 Intercultural Communication** **3 hrs. (3, 0)**
Survey of the field of intercultural communication. Topics include verbal and nonverbal cues, thinking styles, conflict, and political and sociological factors affecting communication. Christian missionary activities are used as a context for study during part of the course. **PREREQUISITE:** COMM 1000. **OFFERED:** 2015-2016.
- 3120 The Business of Cinema and Media Arts** **3 hrs. (3, 0)**
A survey of the distribution of radio and television programs, and film through traditional and new media. Topics include structures, sales, programming, audience measurement, promotions, and distribution. **PREREQUISITE:** Upper-division standing. **OFFERED:** 2015-16.
- 3130 Advanced Newswriting and Reporting** **3 hrs. (3, 0)**
Study of advanced research, interviewing, and newswriting techniques, with emphasis on print, video, and new-media formats. **PREREQUISITE:** COMM 2130. **OFFERED:** 2014-2015.
- 3150 Speechwriting and Presentation** **2 hrs. (2, 0)**
The art of writing speeches for self and others, applying various audience and situational strategies, responding to ethical dilemmas, and coaching others in public speaking. **PREREQUISITE:** COMM 1000. **OFFERED:** 2014-15.
- 3160 Motion Graphics** **3 hrs. (3, 0)**
Design, creation and technique related to motion graphics for television and cinema. Primary tools are Photoshop and After Effects. Includes 2D and 3D animation, compositing and visual effects. **PREREQUISITE:** COMM 2200. **OFFERED:** 2014-15.
- 3200 Communication Ethics** **3 hrs. (3, 0)**
The examination of ethical standards and decision-making processes in journalism, public relations, advertising, and entertainment media. **PREREQUISITE:** COMM 2000, 2010; upper-division standing. **OFFERED:** 2015-16.

- 3210 Argumentation and Persuasion** 3 hrs. (3, 0)
Examines persuasion theories, ethical influence, social influence theories, compliance gaining, critical thinking, argument development, and presentation (debate) in oral communication. **OFFERED:** 2014-15.
- 3220 Screenwriting** 2 hrs. (2, 0)
Conception and scripting, of comedy, drama, and other genres. **PREREQUISITE:** COMM 2130. **OFFERED:** 2014-15.
- 3230 Advanced Feature and Magazine Writing** 3 hrs. (3, 0)
Emphasis on conception and production of feature articles, including trend stories and personality profiles, for publication in newspapers and magazines as well as broadcast media. **PREREQUISITE:** COMM 2130. **OFFERED:** 2015-2016.
- 3240 Public Relations Campaigns** 3 hrs. (3, 0)
Nature, development, and application of principles of public relations planning and implementation. Identification of stakeholders and their interests, and public relations for specialized fields. Emphasis is on learning about and from public relations campaigns through the last century. Application of public relations concepts to a variety of situations. **PREREQUISITE:** COMM 2240. **OFFERED:** 2015-2016.
- 3250 Event Planning and Management** 2 hrs. (2, 0)
Introduction to event planning, execution, and evaluation. Coursework includes concepts and principles of event management and project management, as well as practical application of learned concepts. Emphasis is on understanding and using planning tools to meet organizational goals. **PREREQUISITE:** COMM 2130, 2240. **OFFERED:** 2015-2016.
- 3310 Interpersonal Communication** 3 hrs. (3, 0)
Analyzes how individuals relate to one another in various interpersonal situations (dyadic, family, small groups, etc.) and the communication skills needed for those situations. Includes topics such as self-disclosure, group dynamics, gender differences, and critical listening. **PREREQUISITE:** Upper-division standing. **OFFERED:** 2015-2016.
- 3330 Communication Design** 3 hrs. (3, 0)
Study of communication graphics with desktop publishing technology. Application of design principles to newspapers, magazines, newsletters, miscellaneous publications, and websites. **PREREQUISITE:** COMM 2200. Open to departmental majors and minors only. **OFFERED:** 2014-15.
- 3340 Public Relations Writing** 3 hrs. (3, 0)
Writing of effective public relations materials, use of persuasion techniques, and study of procedures for dissemination of public information. **PREREQUISITE:** COMM 2130, 2240. **OFFERED:** 2014-15.
- 3370 Communicating through Social Media** 3 hrs. (3, 0)
Study of social media communication strategy and execution; specific topics Include modifying messages for various media, managing online reputation, and understanding and developing social media policies. Course projects include development of social media messages and strategy. **PREREQUISITE:** COMM 2130. **OFFERED:** 2015-16.
- 3420 Cinema Studies** 3 hrs. (3, 0)
An overview of motion pictures, including history, mise en scène, elements of production, and the critique. Involves the review of several major motion pictures and the context of their creation. **OFFERED:** 2014-15.
- 3440 Public Relations Research** 2 hrs. (2, 0)
Introduction to media and communication research methods, including reviewing secondary research, developing surveys, performing communication audits, and conducting interviews and focus groups. Emphasis is on understanding the types of research, identifying benefits and risks of each type, and choosing the correct type of research given time and cost restraints. **PREREQUISITE:** COMM 2130, 2240. **OFFERED:** 2015-16.

- 3860 Practicum in Event Management** **1-2 hrs.**
Application of principles of successful event planning and management. Students will work with a local organization to implement and evaluate an event. **PREREQUISITE:** COMM 3250. **OFFERED:** every semester.
- 4000 Communication Law** **3 hrs. (3, 0)**
Provides an understanding and appreciation of American legal traditions surrounding freedom of speech and of the press as well as an examination of libel, slander, privacy, copyright, trademark, entertainment law, and free press/fair trial issues. **PREREQUISITE:** COMM 2000, 2010; upper-division standing. **OFFERED:** Each spring.
- 4120 Advanced Video Production** **3 hrs. (3, 1)**
The capstone teleproduction course. Advanced theory and practice. Students will produce content for air on local or national television and for submission at film festivals. **PREREQUISITE:** COMM 2060, 2420; upper-division standing. **OFFERED:** 2015-16.
- 4440 Advanced Public Relations Research** **1-2 hrs.**
Practice of good research principles and public relations research methods. Students will design and implement a research project and produce a research report. **PREREQUISITE:** COMM 3340. **OFFERED:** Every semester.
- 4750 Strategies for Teaching Speech** **1 hr. (1, 0)**
Surveys the content of a secondary-level speech class, evaluation methods, and extra-curricular activities related to the speech classroom. Does not apply toward major or minor. **OFFERED:** Each semester.
- 4800 Internship** **1-4 hrs. (arranged)**
Opportunity for advanced work off campus in the area of specialization at a radio or TV station, production or film-related company, newspaper, magazine, public relations agency, or other relevant environment. **CONSENT:** Instructor. **PREREQUISITE:** Majors and minors only, upper-division standing. **OFFERED:** Each semester and summers.
- 4900 Seminar in Communication** **3 hrs. (3, 0)**
Intensive study of selected topics in historical or contemporary communication. Topics vary. **CONSENT:** Instructor. **REPEAT:** May be repeated.

Computer Science

Prof. Koontz, chair; Prof. Blanchard, Dr. Parker

Objectives of the computer science program are:

- to educate students in the uses of computers;
- to prepare students to be problem solvers, using computers where appropriate, in jobs such as programming and systems analysis, engineering, and administration;
- to prepare students for graduate study; and
- to present a balanced view of computers and their applications.

To meet these objectives, the computer science curriculum combines a sound theoretical base in computer science with practical, hands-on experience.

The Department of Computer Science offers four standard majors — computer science, computer science-mathematics, computational physics, and information systems. Also, for students wishing to add a computing option to an existing major, two complementary majors are offered — business-information systems and computer science.

Students completing one of these majors along with a minor involving courses from this major must present a minimum of 12 hours toward the minor that do not apply toward the major.

Students majoring in computer science are urged to complete additional coursework in mathematics, accounting, business administration, physics, or related areas. Students pursuing a major or minor in computer science should begin with CPSC 1400.

Computer science majors pursuing a second major within the department may present no more than 15 hours common to both majors.

MAJORS

COMPUTER SCIENCE MAJOR (51-52 hours)

- CPSC 1400, 1500, 2100, 2400, 2500, 3430, 4500
- MATH 2120, 2200
- 8-9 hours from CPSC courses numbered 2000 or above
- 7-8 hours from MATH courses numbered 1300 or above

COMPUTER SCIENCE - MATHEMATICS MAJOR (52 hours)

- CPSC 1400, 1500, 2100, 2400, 2500, 3300, 4500
- MATH 2010, 2020, 2200, 3010, 3020
- 4 hours from CPSC 2010 or additional CPSC or MATH courses numbered 3000 or above

COMPUTATIONAL PHYSICS MAJOR (49 hours)

The solutions to certain physics problems can only be modeled with computers, and doing so requires a background in computer programming and numerical algorithms. A background in computer science, math, and physics is valuable in the workplace and is an excellent undergraduate background for anyone wishing to pursue graduate studies in any of the aforementioned disciplines. Furthermore, students wishing to pursue careers in industry will be prepared to meet the growing skill set needed to be successful in technical careers.

- PHYS 2240, 2250, 4210, 4220, 4510, 4910, 4920
- CPSC 1400, 1500, 2500, 4430
- One of CPSC 2100, 2400*, 3410, or 4500
- CHEM 4120

- In addition to the following listed math minor, students must complete MATH 3100 and MATH/CPSC 3300

All computational physics majors are required to complete a math minor that includes MATH 2010, 2020, 3010, and 3020.

* requires MATH 2200 or computer science department approval.

INFORMATION SYSTEMS MAJOR (52 hours)

- CPSC 1100, 1400, 1500, 2010, 2100, 2400, 4500
- MATH 2200
- 3 hours from additional MATH course numbered 1300 or above
- 6 hours from ACCT 2010 and 2020; or BSNS 2710 and 3240; or BSNS 3400 and 4400
- 6 additional hours from:
 - ACCT 2010, 2020
 - BSNS 2710, 3200, 3230, 3240, 3400, 4400
- 6-7 hours from CPSC courses numbered 2000 or above; MATH 2010; up to 3 hours from BSNS courses numbered 3000 or above

COMPUTER SCIENCE COMPLEMENTARY MAJOR (32 hours)

- CPSC 1400, 1500, 2100, 4500
- 12 hours from any three of the following courses: CPSC 1200, 2010, 2400, 2500, 3300, 3430, 4100, 4430, 4650, 4800
- 4 hours from one of the following courses: MATH 2010, 2020, 2120, 2200

BUSINESS - INFORMATION SYSTEMS COMPLEMENTARY MAJOR (31 hours)

- ACCT 2010
- BSNS 2710, 2810, 3400, 4400
- CPSC 1400, 1500, 2100
- 4 hours from one of the following courses: CPSC 1200, 2300, 2400, 2800, 3430, 3800, 4100, 4500, 4800

MINORS

COMPUTER SCIENCE MINOR (16 hours)

- CPSC 1400, 1500, 2400
- CPSC 2300 or MATH 2200

INFORMATION SYSTEMS MINOR (15 hours)

The minor in information systems is designed for individuals who need to apply computers to business-related problems or for those who wish to complement any degree with marketable computer skills.

- CPSC 1100 or BSNS 3400
- CPSC 1200 or 1400
- CPSC 1500 or 2010
- CPSC 2100 or 2300

CPSC COURSES

- 1100 Business Computer Applications** 3 hrs. (3, 0)
An introduction to computing skills useful in solving complex business problems. Core topics include document management, use of spreadsheets, relational database design, introduction to SQL, presentation graphics, and XHTML. **PREREQUISITE:** Mathematics proficiency (see Liberal Arts Program in this catalog).
- 1200 Introduction to Web Programming** 4 hrs. (4, 0)
An introduction to program design and development using HTML and an Internet scripting language. Emphasis is on problem solving, algorithm development, and issues related to Web publishing. **PREREQUISITE:** Mathematics proficiency (see Liberal Arts Program in this catalog).
- 1400 Computer Science I** 4 hrs. (4, 0)
Introduction to disciplined, object-oriented program development. Topics include a survey of computer architecture and systems, problem solving and algorithm development, data types and variables, control-of-flow structures, and virtual machines. This course also introduces topics related to net-centric and event-driven programming. **PREREQUISITE:** Mathematics proficiency (see Liberal Arts Program in this catalog).
- 1500 Computer Science II** 4 hrs. (4, 0)
This course builds upon the topics covered in Computer Science I and provides experience developing complex applications. Topics include net-centric computing, arrays, file processing, object modeling using UML, and object-oriented programming (writing classes). **PREREQUISITE:** CPSC 1400.
- 1650 Independent Study** 2-4 hrs. (arranged)
Independent study under faculty direction. **CONSENT:** Instructor. **REPEAT:** May be repeated.
- 1900 Special Topics** 2-4 hrs. (arranged)
Topics offered as demand and opportunity warrant, including, but not restricted to, advanced computer networking and distributed systems. **CONSENT:** Instructor. **REPEAT:** May be repeated.
- 2010 Visual Programming** 4 hrs. (4, 0)
An examination of human-computer interaction theory and Visual Basic.NET programming language. Topics include control-of-flow structures, private methods and parameter passing, relational database access using control objects, and writing classes with public properties and public methods. **PREREQUISITE:** CPSC 1200 or 1400.
- 2100 Database Programming** 4 hrs. (4, 0)
Study of relational database management systems and information storage and retrieval techniques. Topics include ERD and UML modeling, normalization, SQL and Transact-SQL programming, stored procedures, system and aggregate functions, triggers, transaction processing, concurrency control, and n-tier program architecture. Laboratory exercises provide experience developing Windows and Web database front-ends and experience with personal database management systems and database servers. **PREREQUISITE:** CPSC 1500 or 2010.
- 2300 Systems Administration** 4 hrs. (4, 0)
An introduction to systems administration. This course focuses on services provided by inter-networked computer operating systems with an emphasis on applying concepts to the support and administration of commercial software products. **PREREQUISITE:** CPSC 1400.
- 2400 Computer Organization and Architecture** 4 hrs. (4, 0)
An introduction to digital logic and digital systems, the basic hardware used in modern digital computers, the machine-level representation of data, and the assembly-level representation of instructions. **PREREQUISITE:** CPSC 1500.

- 2500 Computer Science III** 4 hrs. (4, 0)
In-depth study of data structures and algorithms and the use of abstract data types to facilitate problem solving. Searching and sorting techniques will be applied to appropriate data structures. **PREREQUISITE:** CPSC 1500.
- 2650 Independent Study** 2-4 hrs. (arranged)
Independent study under faculty direction. **CONSENT:** Instructor. **REPEAT:** May be repeated.
- 2800 Computer Science Internship** 2-4 hrs. (arranged)
Participation under professional supervision in business and industry, and experience with people in a production environment. **CONSENT:** Instructor. **REPEAT:** May be repeated. **GRADE:** CR/NC registration.
- 2900 Special Topics** 2-4 hrs. (arranged)
Topics offered as demand and opportunity warrant, including, but not restricted to, computer graphics and artificial intelligence. **CONSENT:** Instructor. **REPEAT:** May be repeated.
- 3300 Numerical Analysis** 3 hrs. (3, 0)
Introduction to numerical algorithms fundamental to scientific and mathematical computer use. Solutions of transcendental, polynomial, and differential equations; matrix algebra; linear programming; numerical integration and differentiation; Monte Carlo methods; and curve fitting. **PREREQUISITE:** CPSC 1400, MATH 2020. **OFFERED:** 2015-16. **SAME AS:** CPSC 3300.
- 3400 Theory and Design of Programming Languages** 4 hrs. (4, 0)
Examines the various programming languages that have been developed to solve problems. Examines semantics and syntax used in the design of programming languages. Students will write programs in computer languages that demonstrate procedural, functional, object-oriented, and logic programming. **PREREQUISITE:** CPSC 2400.
- 3410 Computer Networks** 4 hrs. (4, 0)
Students will gain in-depth knowledge of networking protocols and technologies, including their relationship to net-centric computing. The course will cover current and emerging technologies, including the Internet, Ethernet, ATM, and wireless. **PREREQUISITE:** CPSC 2400.
- 3430 Client/Server Programming** 4 hrs. (4, 0)
Students will gain an understanding of the complexity of distributed systems by studying and implementing in comparable client/server environments. Additional topics include human computer interaction theory and technical analysis of database connectivity and web services. **PREREQUISITE:** CPSC 1500 or 2010.
- 3510 Java Programming** 4 hrs. (4, 0)
An introduction to object-oriented programming using Java. Topics include recursion, dynamic data structures, file processing, and sorting and searching algorithms. **PREREQUISITE:** CPSC 1500.
- 3520 Introduction to Artificial Intelligence** 4 hrs. (4, 0)
An introduction to the basic programming techniques of artificial intelligence and implementations on various programming languages used for AI. **PREREQUISITE:** CPSC 1500.
- 3530 Introduction to Computer Graphics** 4 hrs. (4, 0)
An introduction to computer graphics with emphasis on developing, modifying, and rendering graphics displays in both two- and three-dimensions. C++ or similar programming language will be used in developing applications. **PREREQUISITE:** CPSC 1500.
- 3650 Independent Study** 2-4 hrs. (arranged)
Independent study under faculty direction. **CONSENT:** Instructor. **REPEAT:** May be repeated.
- 3800 Computer Science Internship** 2-4 hrs. (arranged)
Participation under professional supervision in business and industry, and experience with people in a production environment. **CONSENT:** Instructor. **REPEAT:** May be repeated. **GRADE:** CR/NC registration.

- 3900 Special Topics** 2-4 hrs. (arranged)
Topics offered as demand and opportunity warrant, including, but not restricted to, advanced computer networking, distributed systems, computer graphics, and artificial intelligence. **CONSENT:** Instructor. **REPEAT:** May be repeated.
- 4100 Advanced Database Systems** 4 hrs. (4, 0)
Lecture and discussion of advanced topics in data management is combined with implementation, administration, and research using a current RDBMS. Lecture/discussion includes database tuning, distributed databases, data warehousing, and the interrelationship of relational and object databases. The course emphasizes applying technical research and planning to provide robust and efficient solutions. **PREREQUISITE:** CPSC 2100.
- 4420 Operating Systems** 4 hrs. (4, 0)
Students will investigate the internal operation and external services of computer operating systems. Traditional topics of process, memory, I/O, and storage management are covered fully. Additional advanced and applied topics will be used to reinforce key concepts. **PREREQUISITE:** CPSC 2400.
- 4430 Software Methods and Engineering** 4 hrs. (4, 0)
Students will study and practice common techniques and methodologies for implementing large software systems that are correct, clear, and maintainable. Large-scale systems benefit from tools and techniques that differ from typical student experience. Project work will be evaluated on application of these software engineering practices. **PREREQUISITE:** CPSC 2100; CPSC 2010 or 3430.
- 4500 Computer Science Senior Capstone** 4 hrs. (4, 0)
This course provides graduating seniors with experiences in communicating technical information. Students will use UML, a relational database management system, and an object-oriented programming language to develop a prototype software application. Students will also explore and discuss ethical issues related to their major and interact with guest speakers. **PREREQUISITE:** CPSC 2100.
- 4650 Independent Study** 2-4 hrs. (arranged)
Independent study under faculty direction. **CONSENT:** Instructor. **REPEAT:** May be repeated.
- 4800 Computer Science Internship** 2-4 hrs. (arranged)
Participation under professional supervision in business and industry, and experience with people in a production environment. **CONSENT:** Instructor. **REPEAT:** May be repeated. **GRADE:** CR/NC registration.
- 4900 Special Topics** 2-4 hrs. (arranged)
Topics offered as demand and opportunity warrant, including, but not restricted to, advanced computer networking, distributed systems, computer graphics, and artificial intelligence. **CONSENT:** Instructor. **REPEAT:** May be repeated.

School of Education

Dr. Fulkerson, Dean; Dr. Duncan, Dr. Robinson, Dr. Sample, Dr. Reed, Prof. Trotter, Prof. Albrecht, Prof. Baker, Prof. Ecker. Secondary School Methods — Dr. Scott Borders (English), Dr. Fox (Foreign Language), Prof. Clay (Foreign Language), Dr. C. Taylor (Mathematics), Dr. Wright (Music), Dr. S. Taylor (Music), Dr. Brandon (Music), Dr. Diana Jones (Physical Education), Prof. Bailey (Science), Dr. Shrock (Social Studies)

Preparing Teachers of Excellence

The mission of the teacher education program is to prepare teachers of quality who are competent, reflective educators of character who are committed to professional excellence.

Preparing teachers of excellence through:

- knowledge of self
- knowledge of the student-learner
- knowledge of content and practice
- knowledge of school and community

In line with the university's mission, the School of Education (SOE) seeks to produce teachers of excellence by integrating learning and Christian faith to prepare professional educators to be effective for teaching and serving in a global society. The teacher education program is anchored in Anderson University's commitment to the liberal arts curriculum for the humanities, fine arts, mathematics, and social and natural sciences as the essential foundation for developing competent educators.

The teacher preparation program at Anderson University is designed and guided by the essential beliefs of the importance of optimal learning environments characterized by integrity, a sense of community, experiential learning combined with traditional classroom patterns, emphasis on international and intercultural experiences, and the fulfillment of an educational mission that prepares students to act responsibly.

Education programs at the undergraduate level are based on essential knowledge, established and current research findings, and sound professional practice. The InTASC Principles, developmental standards of the Office of Educator Licensing and Development, the philosophies and practices of the SOE and its content area faculty, and the collaborative P-12 educators guide the philosophy, objectives, and outcomes of the initial programs. The School of Education offers undergraduate professional education in courses leading to licensing at the elementary, middle, and high school levels. Students graduating from the program are defined as "highly qualified," meeting the No Child Left Behind required status for teachers.

Graduates of the AU teacher preparation program will be teachers of quality who are reflective in their practice and see the integration of character education within their teaching as a professional responsibility.

SOE graduates possess the following characteristics:

- **Professional Commitment:** The teacher is committed to building relationships with students, parents, and colleagues and is committed to the profession by involvement in professional development, leadership, and decision-making roles within the school and community.
- **Teachers of Quality and Competence:** The quality teacher encompasses the traits of constructivism, reflective practitioner, inclusion of all students into the learning process, and analysis of the factors that affect teaching and learning. Through such analysis, the teacher is continually developing understandings regarding what content is important to teach, how students learn, and how to teach so that students will learn.

- **Character Education:** The teacher creates caring environments and maintains ethical and moral environments in the classroom by respecting all students' individual abilities, learning styles, and intellectual desires.

Efforts to renew and improve teacher education by the Indiana Office of Educator Licensing and Development and CAEP result in the regulations and standards governing teacher preparation programs changing periodically. *The programs of students admitted into the teacher education program are subject to those changes. Students are advised to meet regularly with their advisors to assure compliance with new requirements.*

Teacher Education Preparation Program

The foundation for the teacher education preparation program at AU is the School of Education's Conceptual Framework, which encompasses the knowledge, skills, and dispositions of teacher candidates along with the Interstate Teacher Assessment and Support Consortium (InTASC) principles. InTASC's primary work is guided on the basic premise: *An effective teacher must be able to integrate content knowledge with pedagogical understanding to ensure that all students learn and perform at high levels.* The work of students throughout the teacher education preparation program is evaluated by the InTASC principles with student teaching as the culminating experience for incorporation of those principles.

All who wish to major in education, or who wish to seek licensure, must be formally admitted to the teacher education preparation program after completing the prerequisite requirements. These requirements must be met *prior to* enrolling in upper-division education or subject-specific methods courses and in the teaching semester. Transfer students considering a major in education should meet with the department chair to assess eligibility. Admission to the university neither implies nor guarantees acceptance into the teacher education preparation program.

UNIVERSITY LIBERAL ARTS CURRICULUM

All general education requirements for the liberal arts curriculum are met in the teaching major for elementary, the all-grade majors, and the secondary teaching major. Transfer students planning to enter teacher education programs should consult with the registrar and the license advisor prior to registering for courses.

TEACHER LICENSING

The School of Education teacher education program meets the required licensing standards of the Indiana Office of Educator Licensing and Development and is nationally accredited by the National Council of Accreditation of Teacher Education (NCATE) and regionally accredited by the Higher Learning Commission (HLC). All licensing areas are nationally recognized by meeting the Specialized Professional Association (SPA) Standards. These organizations recognize that Anderson University's School of Education has met rigorous standards and provides high-quality preparation. Upon graduation, students will apply for the Indiana teaching license through the license advisor in the School of Education.

ALTERNATIVE LICENSE PROGRAM: TRANSITION TO TEACHING (POST-BACCALAUREATE)

The Transition to Teaching program is designed for those participants who do not have a degree in education but do have a baccalaureate degree in another field from an accredited institution of higher education and desire to become a teacher at the elementary, middle, or high school level. Candidates must pass a rigorous screening process including IN Core Assessment tests, interviews, and demonstrated mastery of content in the area they wish to be licensed.

PERFORMANCE ASSESSMENT

For purposes of gauging the entrance level and continued growth of students toward proficiency in the knowledge, skills, and dispositions of the teacher education preparation program, a system of periodic performance assessments is used. Students' work throughout the teacher preparation program is evaluated by the InTASC principles with student teaching as the culminating experience of incorporation of those principles. There are three performance assessment levels, one of which is the formal application for admission to the program. The three performance assessment levels are described in detail in the Teacher Preparation Handbook, available on the School of Education website at www.anderson.edu/soe. Students admitted to the teacher education preparation program are expected to demonstrate growth in the professional dispositions of habits, attitudes, skills, and personal qualities.

Students may be discouraged from attempting to complete preparation for a career in teaching if continuing assessments by the School of Education faculty determine that the student is failing to meet acceptable professional and personal standards specified in the teacher education preparation program.

PRE-ADMISSION – LEVEL I

- Overall GPA of 2.67 is required for admission to EDUC 2030, 2170, 2420.
- Completion of EDUC 2000, 2100, 2110, and SPED 2400.
- Declaration of education teaching major.
- Submission and verification of a criminal history check. Fees are the responsibility of the student.

FOR APPLICATION AND ADMISSION – LEVEL II

- Elementary education majors must apply and be admitted to the teacher education preparation program before enrolling in any 3000-level education course.
- Senior high/middle school education majors must apply and be admitted to the teacher education preparation program before enrolling in EDUC 3000.
- 2.75 GPA overall, 2.67 in the major content area, and 2.75 in professional education courses.
- The following courses completed with a grade less than C must be repeated: any EDUC course; any SPED course; any TESL course; ENGL 1100, 1110, 1120; MATH 1100, 1110.
- Favorable recommendations from the education faculty and other AU faculty members.
- Satisfactory completion of an interview and assessment of written and oral communication skills.
- Acceptable state passing scores on the Core Academic Skills Test (pre-professional skills test), ACT, or SAT. Test fees are the responsibility of the student.
- Submission and verification of a criminal history check. Fees are the responsibility of the student.

PROFESSIONAL YEAR – LEVEL III

- Elementary education majors must apply and be admitted to the professional semester before enrolling in EDUC 4010, 4120, 4930.
- Senior high/middle school education majors must apply and be admitted to the professional semester before enrolling in EDUC 4010, 4710, 4930.
- Present a GPA of 3.0 overall and in professional education courses; 2.67 in content area for licensure upon graduation.
- Satisfactory completion of all knowledge, performance, and disposition assessment criteria and any other assessment required by the State of Indiana for licensure.
- Successful completion of the CORE Content Area Assessment Tests. Test fees are the responsibility of the student.
- Submission and verification of a criminal history check. Fees are the responsibility of the student.

Education Field Experiences

Opportunities are provided for education students to spend extended time working with students and a classroom teacher in field experiences. These experiences provide practical applications to the theories presented in concurrent education classes. Pre-student teaching experience, including the use of video, distance learning, computer discussion groups, school observation, and participation, are required of all students in the program. All field experiences are supervised by university personnel. Students in the teacher education program are required by local school districts to obtain a full criminal history check each year before entering the classroom for field experience. This document and accompanying fees are the responsibility of the student.

EARLY ARRIVAL STUDENT TEACHING EXPERIENCE

All candidates seeking licensure must participate in an early teaching experience during their senior year. This experience provides an opportunity for direct involvement in the opening of school when classroom routines and procedures are established.

STUDENT TEACHING (CLINICAL PRACTICE)

Teacher candidates have two options for their professional year: year-long student teaching experience (30 weeks) or traditional one semester of 16 weeks. The student teaching experience provides students with opportunities to plan and implement instruction, manage the classroom, evaluate student progress, communicate with other professionals and parents, and develop as professional educators under the supervision and mentoring of university and P-12 school personnel. Students are strongly discouraged from employment on or off campus during their student teaching semester. Students must pass CASA, CORE content area tests, and Developmental (Pedagogy) Area Assessments prior to student teaching. Students are responsible for all fees associated with the Indiana CORE Assessment tests.

INTERNATIONAL STUDENT TEACHING PLACEMENTS

International teaching placements are designed to provide students with experiences in a comprehensive setting for study of the education, cultural expressions, and social issues related to teaching in another culture. These unique opportunities provide students with an expanded cultural perspective and cross-cultural skills.

Each semester the School of Education's Office of Clinical Experiences, the Office of International and Intercultural Studies, and the Christian College Teacher Education Coordinating Council (CCTECC) coordinate the placement of student teachers around the world to complete their student teaching requirement. Since 1990, CCTECC has placed more than 1,700 teachers in schools around the world. All students are required to complete 16 weeks of student teaching in their area of specialization (elementary education, secondary history, etc.). Student teachers may choose an international placement for eight of those 16 weeks. In the past, students have been placed in South America, Asia, Africa, Europe, the Middle East, Australia, and New Zealand. The International and Intercultural Studies faculty and staff will work with you to design the best experience for your needs.

Students must apply to the School of Education for international student teaching placements. All fees associated with outside placement are the responsibility of the student.

Dual Licensing Areas

The School of Education defines a dual license as an approved program leading to licensure in addition to the initial license. In order to receive a second license, an individual must hold or be eligible to hold an initial or first teaching license. Those with an initial certification may add on and receive certification in one or more of the following areas:

- Special Education (combined with Elementary License or Secondary Content License)

- English Language Teaching Program (combined with Elementary License or Secondary Content License)
- Early Childhood Education (combined with Elementary License)

EARLY CHILDHOOD

The early childhood minor is designed to provide Elementary Education/K-6 initial program majors with a viable option to complete a concentration area of study in early childhood. This program will provide teacher candidates with the option for dual licensure in Elementary Education (K-6) and early childhood (birth-age 8). In addition to serving the School of Education, the early childhood minor also has the capability to serve majors in related fields of study (for example: Christian ministry or family science). (15 hrs.)

SPECIAL EDUCATION (GRADES P-12)

The goal for graduates of Anderson University's special education program is to develop a high level of competence for working with students of mild disabilities in inclusive/integrated school settings.

Under the title of Elementary/Secondary and Special Education Dual Licensing Program, teacher education students seeking a teaching license in special education will also major in elementary or a secondary education content area. The dual licensing program is designed to prepare teacher education students to work with students of special needs who participate in inclusionary classrooms and require mild levels of support or mild interventions to be successful. AU does not prepare teachers to work with students with severe disabilities.

Graduates will receive a special education exceptional needs mild intervention (MI) license for learning disabilities, mild mental disabilities, emotional disabilities, orthopedic disabilities, and mild interventions. This combination of special education and elementary/secondary content major prepares students well for the competitive job market. All accompanying Indiana CORE Assessment tests for Indiana license and costs are the responsibility of the student. (15 hrs.)

ENGLISH LANGUAGE TEACHING PROGRAM: ENGLISH AS A NEW LANGUAGE TEACHING LICENSURE AND TESOL MINOR

The English Language Teaching Program has two tracks: a dual-licensure program intended for those working towards an education major and a TESOL program for those not intending to receive a teaching license but who wish to have the skills to teach English in various settings overseas or domestically. The core of this program provides a strong foundation for teaching English as a second or foreign language and develops a strong sense of cultural competency. Teachers are empowered to build on students' wealth of knowledge in their heritage languages and cultures, creating diverse learning experiences for all learners. Graduates will be prepared to work effectively with culturally and linguistically diverse students who require content instruction and support in the classroom while gaining proficiency in English. Rigorous course content aligned with professional and state standards, challenging field experiences, and frequent opportunities for self-appraisal and reflection ensure that students develop the knowledge, skills and dispositions to meet the needs of all learners in a variety of educational settings. All accompanying Indiana CORE Assessment tests for Indiana license and costs are the responsibility of the student. (15 -18 hrs.)

NOTE: EL licensure and the granting of a program completion letter for TESOL require a 3.0 GPA in all required content courses.

EL TEACHING LICENSURE:

- TESL 2400, 3500, 4550, 4590, 4850
- EDUC 4900 (elementary education undergraduate only)
- OR 3-hour approved elective for secondary education majors in place of EDUC 4900 (elective must be approved by program director)

TESOL MINOR/PROGRAM COURSE REQUIREMENTS:

- TESL 2400, 2500, 4550, 4590, 4850
- TESL 3500 can be taken as a complementary course but is not required. It may be taken in place of TESL 2500 under certain circumstances if approved by the program director.

Reading Education Minor

The reading education minor is designed to strengthen the preparation of elementary teachers and their teaching skills in the areas of reading, writing, and language arts. The program provides advanced study in research-based, differentiated literacy programs and daily instruction. The reading education minor does not lead directly to a reading license. The minor does better prepare students for the Indiana Content Area Assessment in Reading. Candidates that pass this exam are eligible to apply for an Indiana license in reading. (15 hrs.)

- EDUC 2200, 3300, 2730, 4850, 4900, 4910, 4920 (italicized courses are required of all elementary education candidates)
- Elective: TESL 4590, SPED 3000, or other 3-hour course approved by the program director.

Education Teaching Majors

ELEMENTARY EDUCATION — GRADES K-6

Includes licensing as a generalist with developmental areas of kindergarten through grade 6. All elementary majors must have a minor or concentration along with their elementary major. The minor or concentration does not have to lead to licensing, but the department strongly suggests choosing a minor or concentration that will enhance their major, such as early childhood, English Language Teaching Program, reading minor, or special education (mild intervention).

ELEMENTARY EDUCATION MAJOR (46-56 hours)

- EDUC 2000, 2030, 2100, 2110, 2170, 2200, 2730, 3120, 3300, 4120, 4310, 4320, 4930; SPED 2400; TESL 2420
- Student teaching (12-24 credit hours): EDUC 4010

Additional courses required for early childhood licensing, English language teaching licensing, special education licensing, or a reading minor.

ELEMENTARY EDUCATION COGNATE (18 hours)

- BIOL 1000; HIST 2000; MATH 1110; PETE 3710; SPED 2500, 3300

SENIOR HIGH/MIDDLE SCHOOL — GRADES 5-12

Includes licensing in a specific content area and developmental areas of early adolescence (middle school, grades 5-9) and adolescence/young adult (high school, grades 5-12). Students must complete School of Education requirements as well as requirements of their specific secondary teaching program. Students must also complete liberal arts requirements (see Liberal Arts Program in this catalog).

SCHOOL OF EDUCATION REQUIREMENTS (33-37 hours)

- EDUC 2000, 2100, 2110, 2720, 3000, 3100, 3120, 4710, 4930; TESL 2400, 2420
- Student teaching (12-24 credit hours): EDUC 4010
- Special Methods 4700 required for professional semester (these courses are listed in the catalog under various captions; see departments listed below)

SECONDARY TEACHING PROGRAM REQUIREMENTS

In addition to the School of Education requirements listed above, students must complete requirements for their specific secondary teaching programs. Requirements for the secondary teaching programs listed below may be found in the catalog sections of the departments listed in parentheses.

- Language Arts Teaching Major (English)
- Mathematics Teaching Major (Mathematics)
- Social Studies Teaching Major (History and Political Science)
- Spanish Teaching Major (Modern Foreign Languages)
- TeachScience Complementary Teaching Major (Biology; Chemistry and Physics)

ALL GRADES — P-12

- English Language Teaching Program Dual license area: Grades P-12 (School of Education)
- Music Education Major: Grades P-12 (Music)
- Physical Education Major: Grades P-12 (Kinesiology)
- Visual Arts Education Major: Grades P-12 (Art and Design)

EDUCATION (NON-LICENSE) MAJOR OR MINOR

Students who seek non-teaching careers related to the education of children or youth (such as child life, camps, religious education) may choose to pursue a non-license major or minor in education, which does not satisfy teacher education licensing requirements for the State of Indiana.

BACHELOR OF ART'S IN EDUCATION MAJOR (NON-LICENSE)

- 30 hours (subject to change) from approved School of Education courses
- Suggested courses: EDUC 2000, 2030, 2100, 2110, 2170, 2200, 4810; PETE 3710; SPED 2500; TESL 2420, 3500

EDUCATION MINOR

- 16 hours from approved School of Education courses

EDUC COURSES

- | | | |
|-------------|---|----------------------|
| 2000 | Teaching as a Profession | 2 hrs. (2, 1) |
| | Designed for the prospective teacher education student to examine and understand one's values, beliefs, motivations, and goals; to be aware of and able to evaluate one's personal learning characteristics; to be knowledgeable about the developmental stages in becoming a teacher; and to develop a view of education as related to self, students, teachers, schools, community, the teaching profession, foundations, reform, and the future. The course draws heavily upon class participation, classroom observations, research, and oral and written communication skills. Required of all education majors. Grade of C or better required. Prerequisite for all education courses in professional sequence. | |
| 2030 | Learning and Teaching Mathematics in the Elementary Classroom | 3 hrs. (3, 1) |
| | Develops content and pedagogical knowledge through state and national standards for the development and delivery of a well-designed, standards-based mathematics curriculum. Presentation of instructional materials, methods, and assessment related to elementary school mathematics are part of the course activities. Field experiences required. Portfolio artifacts required. Grade of C or better required. PREREQUISITE: MATH 1100, 1110; EDUC 2000, 2100, 2110; 2.67 GPA overall. | |

- 2100 Child and Adolescent Development** **3 hrs. (3, 0)**
 The primary focus of this course is on characteristics of growth and development of young children through adolescence, including physical, psychological, social, cognitive, and emotional aspects. Required of all education majors. Grade of C or better required.
- 2110 Educational Psychology: Learning in the Schools** **3 hrs. (3, 0)**
 An introduction to the application of psychological principles to the challenges of education. This course examines the theoretical and applied aspects of learning, motivation, human development, personality, and measurement and evaluation. This course is required of all education majors. A grade of C or better is necessary for pre-service teachers to advance in the Teacher Preparation Program. This course also fulfills the Liberal Arts Individual Thought and Behavior requirements.
- 2170 Teaching I: Curriculum and Instruction for Early Childhood** **4 hrs. (4, 2)**
 Emphasizes curriculum and planning in the kindergarten and primary grades. Standards-based teaching and planning using developmentally appropriate strategies are stressed. Prominence is on the uniqueness of teaching young children with an introduction to classroom organization and management. May not be taken during the same semester as EDUC 4310. Grade of C or better required. Field experiences required. **PREREQUISITE:** EDUC 2000, 2100, 2110; 2.67 GPA overall.
- 2200 Foundations of Reading Instruction** **3 hrs. (3, 0)**
 Organization, implementation, and evaluation of reading programs. Focuses on the stages of literacy development, the reading process, planning strategies, and classroom management. Field experiences required, including classroom observation and/or teaching assignments. Grade of C or better required. **CONSENT:** Departmental permission. **PREREQUISITES:** EDUC 2000, 2100, 2110, 2170; SPED 2400; 2.67 GPA overall.
- 2720 Field Experiences in Middle School** **1 hr. (0, 2)**
 This course is the middle school practicum required of all students in senior high/middle school program and middle school endorsement. Grade of C or better required. Admission to the teacher education program. **PREREQUISITE:** 2.75 GPA overall. **COREQUISITE:** EDUC 3100.
- 2730 Field Experiences in Reading Processes** **1 hr. (0, 2)**
 Required of all elementary education majors. Grade of C or better required. Admission to the teacher education program required. **PREREQUISITE:** EDUC 2200; 2.75 GPA overall. **COREQUISITE:** EDUC 3300.
- 2850 Practicum in Leadership Skills** **2 hrs. (1, 2)**
 An introduction to training assertiveness, communication, helping, and negotiation skills. Students receive direct feedback on their performance and gain experience in co-leadership and team building. Required for youth leadership-development majors. **CONSENT:** Instructor. **PREREQUISITE:** PSYC 2100. **GRADE:** CR/NC registration. **SAME AS:** PSYC/SOCI 2850.
- 3000 Teaching Literacy Skills in Middle and High School Content Areas** **3 hrs. (3, 0)**
 In this course, students will examine research and instructional approaches to help improve the literacy of adolescents and adults. The course is focused on current research that looks at the complexities of the reading process and how the process can be improved upon in content area classrooms. Students will design a lesson plan based upon the School of Education's lesson plan format, including related activities to be implemented in the plan, research-based reading strategies, and focused purposes for reading. The lesson plan will be submitted electronically via TK20. Through reflective writing, students will be able to assess their understanding of literacy in the classroom and their growth in the appropriate use of a variety of reading strategies. Grade of C or better required. Admission to the teacher education program required. **CONSENT:** Department. **PREREQUISITE:** 2.75 GPA overall.
- 3100 The Middle School in the United States** **2 hrs. (2, 0)**
 This course is an introduction to teaching strategies for meeting the special needs of the young adolescent student. Physical, emotional, social, and intellectual changes prompt the

teacher to use developmentally appropriate instruction in order to engage the young adolescent student and to motivate these students to achieve. Teaching methods, such as real-life situations, cooperative learning, hands-on experiences, and lesson planning are emphasized. Historical patterns and philosophy of the middle-school movement, with a focus on how to teach this age group, are included. Field experience is required and linked to the coursework. Grade of C or better required. **PREREQUISITE:** EDUC 2100, 2110 and TESOL 2420. Admission to Teacher Education Program. 2.75 GPR overall. **COREQUISITE:** EDUC 2720

- 3120 Educational Assessment for the Classroom Teacher 3 hrs. (3, 0)**
This course is designed to prepare elementary and secondary teacher candidates with a strong knowledge base about assessments and their use in the classroom today. Teacher candidates will learn what assessment is, when and how to use a variety of assessment strategies, how to create them, ways to interpret and analyze the data and results, and how to use these interpretations to inform their teaching practice. Students will design a comprehensive work unit based upon researched assessment practices, including gathering data and analyzing and interpreting their results. The comprehensive work unit will be submitted electronically via the TK20 website. Through reflective writing, students will be able to assess their understanding of assessment in the classroom and their growth in the appropriate use of a variety of assessment strategies. Grade of C or better required. Admission to the teacher education program required. **CONSENT:** Department. **PREREQUISITE:** 2.75 GPA overall.
- 3300 Reading Processes with Assessment and Intervention 2 hrs. (2, 1)**
Process assessment and corrective reading instruction at the elementary level. Emphasis on understanding reading difficulties across the stages of literacy development and addressing instructional needs in strategy and skill development. Contact with children in tutorial and small group teaching situations is included. Portfolio artifacts required. Grade of C or better required. Admission to the teacher education program required. **PREREQUISITE:** EDUC 2200, 2.75 GPA. **COREQUISITE:** EDUC 2730.
- 3550 Intercultural Education 3 hrs. (3, 1)**
Introduction to theory and practice of intercultural communication, cross-cultural and international experiences, and teaching with a global perspective. Emphasizes an understanding and respect for cultural, racial, socioeconomic, and religious differences and the impact these differences have on educational/teaching theories. An intercultural teaching experience is required with students participating in a Tri-S experience. Strongly suggested for those wishing to student teach overseas. Grade of C or better required. **CONSENT:** Department. **PREREQUISITE:** 2.67 GPA overall. **OFFERED:** Summer Session I.
- 3590 Teaching Diversity Through Young Adult Literature 3 hrs. (3, 0)**
Provides secondary, middle, and upper elementary pre-service teachers with a wide variety of experiences in reading, analyzing, and discussing texts written specifically for young adults. Grade of C or better required. **PREREQUISITE:** ENGL 1120. **SAME AS:** ENGL 3590.
- 4010 Student Teaching 4-12 hrs. (1, 30)**
Observation, participation, and teaching in the school setting for 10-15 weeks on full-day basis. Student teachers are expected to participate in all aspects of public school responsibilities as part of the professional semester. A student-teaching fee is required. Grade of C or better required. Admission to professional semester required. **PREREQUISITE:** Passing all Indiana CORE Assessments, Suicide Prevention Training, CPR certification; 3.0 overall GPA; completion of 104 hours; senior standing. **CONSENT:** Department.
- 4120 Organization and Management for the Elementary Classroom 4 hrs. (2, 10)**
Culminating experience designed to allow teacher candidates to integrate the skills of teaching with effective classroom management techniques. Focus is on using data to develop effective management procedures and skills in order to allow students to make progress in the curriculum. Candidates will use action research to explore student and/or classroom behavior issues.

- 4310 Integrated Teaching II: Language Arts and Social Studies** 4 hrs. (4, 2)
 Integrative approach to the teaching of science, mathematics, and educational technology in the classroom. Emphasis is on promoting inquiry-based learning using national and state standards curriculum. Project-based learning is explored through the integration of science, mathematics, and technology. Portfolio artifacts and field experiences required. Grade of C or better required. Admission to the teacher preparation program required. **EXPECTATION:** 2.75 GPA in major. **PREREQUISITE:** EDUC 2730/3300; 2.75 GPA overall. **COREQUISITE:** EDUC 4320.
- 4320 Integrated Teaching III: Science, Mathematics, and Technology** 4 hrs. (4, 2)
 Integrative approach to the teaching of science, mathematics, and educational technology in the classroom. Emphasis is on promoting inquiry-based learning using national and state standards curriculum. Project-based learning is explored through the integration of science, mathematics, and technology. Portfolio artifacts and field experiences required. Grade of C or better required. Admission to the teacher preparation program required. **EXPECTATION:** 2.75 GPA in major. **PREREQUISITE:** EDUC 2030; MATH 1100, 1110; 2.75 GPA overall. **COREQUISITE:** EDUC 4310.
- 4710 Management, Organization, and Methods in the Secondary Classroom** 4 hrs. (2, 10)
 This course focuses on strategies to meet the special needs of young adolescent and young adult students. Physical, emotional, social, and intellectual issues are a foundation for developmentally appropriate instruction. Designed as a sequel to the middle school course, this course emphasizes classroom management, action research, lesson design, and classroom culture. A practicum experience is embedded in the course and merged with the coursework to focus on managing the learning environment in order to enhance student success. Work in the university classroom and in a secondary school placement (practicum) are expected. This is a writing-intensive course. Required of all senior high/middle school education majors. Grade of C or better is required. **PREREQUISITE:** Admission to professional semester is required, a 2.75 GPA overall and in professional education courses, and senior standing.
- 4800 Internship in Youth Leadership** 2 hrs. (1, 2)
 An opportunity for youth leadership-development majors to practice the training and presentation skills and content learned in prior courses in an applied setting relevant to the student's career or personal goals. Required for youth leadership-development majors. **PREREQUISITE:** PSYC 4210. **GRADE:** CR/NC registration. **SAME AS:** PSYC/SOCI 4800.
- 4810 Educational Internship** 1-6 hrs. (arranged)
 Meets special needs for independent study and internship in professional education. Field experience (4-6 hours) requires a collaborating teacher fee. Grade of C or better required. **CONSENT:** Dean of SOE. **REPEAT:** May be repeated. Total credit not to exceed 6 hours.
- 4930 Leadership Seminar in Character Education** 2 hrs.
 This course is required of all teacher candidates during their clinical practice experience. The seminar is designed as a study in leadership and the dynamics of character for teachers as classroom and school leaders. Critical issues for educators will be examined, such as the learning environment, professionalism, school relations, and the dispositions of classroom leadership. The practical application of 10 key leadership concepts, with implications for character, will be incorporated into the course and used as a foundation for examination of these concepts. The course will be presented in a seminar format with the students engaging in assigned readings, reflection, discussion, student-led presentations, research, and specific facets of performance. The class will meet once each week during the late afternoon as a co-requisite with the student teaching experience. Grade of C or better is required. **CONSENT:** Dean of SOE. **PREREQUISITES:** Same as Student Teaching. **COREQUISITE:** EDUC 4010.

EARLY CHILDHOOD COURSES

- 2430 Foundations of Early Childhood** **3 hrs. (3, 0)**
 This course provides an overview of early childhood, including the history of, philosophical stances, major theories and theorists, legal aspects, ethics, and guidelines of childcare. The course will explore private, public, and home childcare options through local and global lenses. Grade of C or better required. **EXPECTATION:** 2.67 GPA in professional education courses. **CONSENT:** Department. **PREREQUISITE FOR EDUCATION MAJORS:** 2.67 GPA overall.
- 2440 Issues in Early Childhood** **3 hrs. (3, 0)**
 This course explores current local, state, national, and global sociopolitical issues surrounding early childhood education. The roles of research, informed decision making, and activism are emphasized. Grade of C or better required. **EXPECTATION:** 2.67 GPA in professional education courses. **CONSENT:** Department. **PREREQUISITE FOR EDUCATION MAJORS:** EDUC 2430; 2.67 GPA overall.
- 3410 Early Childhood Teaching/Learning/Assessment I: Infant/Toddler** **3 hrs. (3, 2.5)**
 This course focuses on the learning cycle of curriculum development, instruction, and assessment in birth-age 3 childcare settings. An emphasis is placed on transferring theory into practice and acquisition of a variety of developmentally appropriate practices alongside knowledge. A field experience of 25-30 hours in an infant/toddler setting is required for the course. Grade of C or better required. **EXPECTATION:** 2.67 GPA in professional education courses; admission into Teacher Preparation Program. **CONSENT:** Department. **PREREQUISITE FOR EDUCATION MAJORS:** EDUC 2430, 2440; 2.75 GPA overall.
- 3420 Early Childhood Teaching/Learning/Assessment II: Pre-School** **3 hrs. (3, 3)**
 This course focuses on the learning cycle of curriculum development, instruction, and assessment in preschool settings. An emphasis is placed on moving theory into practice and acquisition of a variety of developmentally appropriate practices alongside knowledge. A field experience of 25-30 hours in a preschool setting is required for the course. Grade of C or better required. **EXPECTATION:** 2.67 GPA in professional education courses; admission into Teacher Preparation Program. **CONSENT:** Department. **PREREQUISITE FOR EDUCATION MAJORS:** EDUC 2430, 2440, 3410; 2.75 GPA overall.
- 3800 Internship in Early Childhood** **3 hrs. (arranged)**
 Students will complete a four week internship. Grade of C or better required. **EXPECTATION:** 2.67 GPA in professional education courses; admission into Teacher Preparation Program. **CONSENT:** Department. **PREREQUISITE FOR EDUCATION MAJORS:** EDUC 2430, 2440, 3410, 3420; 3.0 GPA overall.

READING MINOR COURSES

- 4850 Reading Clinic** **4 hrs. (arranged)**
 This course is an intensive, clinical practicum designed to strengthen the candidate's skills in providing appropriate, targeted, and responsive intervention services to students with significant reading difficulties/disabilities. Candidates will work with one to three students who are reading significantly below grade level. Instructional time is followed by reflection and discussion in small groups focusing on student profiles of reading development/disability, instructional strategies, as well as responsiveness to intervention and necessary modifications. Candidates will also write educational reports and/or hold conferences with parents addressing the participant's current level of performance and recommended instructional supports. Grade of C or better required. **PREREQUISITE:** EDUC 2200, 2730, 3300; minimum GPA 2.75. **OFFERED:** May term.
- 4900 Advanced Reading Seminar** **2 hrs. (2, 4)**
 An upper-level seminar with a corresponding field experience, this course is designed to reinforce and extend the knowledge, skills, and concepts learned in the undergraduate elementary

reading block. Specifically, students learn how to plan for and manage small group reading in order to maximize participation, motivation, and progress for all types and levels of learners. The field experience requires students to work twice a week after school with a small group of students who experience difficulty learning to read. During the weekly seminar, candidates will discuss student progress, problem solve, and plan future lessons under the guidance of the professor. Grade of C or better required. **EXPECTATION:** 2.75 GPA in professional education courses. **PREREQUISITE:** EDUC 2200, 2730, 3300; 2.75 overall GPA.

4910 Reading Research Seminar **1 hr. (1, 0)**

This course focuses on professional development strategies for keeping informed of new developments in the field of literacy. Candidates will use professional resources and digital tools to learn about current research, translate research into practice, and share this knowledge with colleagues. Grade of C or better required. **PREREQUISITE OR COREQUISITE:** EDUC 4900; minimum GPA 2.75.

4920 Student Teaching Seminar in Reading **1-2 hrs. (1, 0)**

During student teaching, candidates will participate in a seminar focusing specifically on reading assessment, methods, and intervention. Emphasis will be placed on how to transfer what they have learned about reading education in their coursework and practicum to a whole class setting. Through lesson planning, reflection, and discussion, candidates will strengthen their skills as reading professionals. Grade of C or better required. **PREREQUISITE:** EDUC 4900, 4910; minimum GPA 3.0; completion of 104 hours; senior standing. **COREQUISITE:** 4010.

SPED COURSES

2400 Introduction to Mild Disabilities **3 hrs. (3, 1)**

Provides an overview of definitions, characteristics, and educational needs of students with mild disabilities. Course includes cultural, language, behavioral, social, and academic factors that interfere with the academic achievement for students. Course also examines current models of educating students with mild disabilities, including Response to Intervention and learning in a standards-based environment. Grade of C or better required. **PREREQUISITE:** EDUC 2000; 2.67 GPA overall.

2500 Technology for the Diverse Learner **3 hrs. (3, 0)**

This course assists pre-service educators to develop the skills they need to successfully integrate technology throughout their professional practice. The ability to customize learning activities for all students, including those with exceptionalities, is the hallmark of differentiated instruction. Effective technology use allows the teacher not only to better discern what a student needs to learn but also provides a means by which to deliver individually designed instruction. Grade of C or better required.

3000 Classroom Instruction for Mild Disabilities **3 hrs. (3, 1)**

Examines techniques for making and implementing data-driven decisions for educating students with mild disabilities. Development of instructionally sound individualized education programs (IEPs) and implementation in the least restrictive environment for students will be emphasized. Students will learn to develop appropriate instruction and accommodations to provide access to students with disabilities to the general curriculum. Grade of C or better required. Admission to the teacher preparation program required. **PREREQUISITE:** SPED 2400, 3120; 2.75 GPA overall.

3120 Special Education Assessment for the Classroom Teacher **3 hrs. (3, 1)**

Explores educational assessment practices for students with mild disabilities. Course will familiarize students in the administration and interpretation of formal and informal educational assessment instruments used for instructional decision-making and placement of students with special educational needs. Grade of C or better required. Admission to the teacher preparation program required. **PREREQUISITE:** SPED 2400; 2.75 GPA overall.

- 3300 Differentiation Across the Curriculum** **3 hrs. (3, 0)**
 Prepares teacher candidates for planning and implementing differentiated instruction in the classroom based upon student characteristics and learning needs. Teacher candidates will utilize a foundation on differentiation including the Universal Design for Learning (UDL) Model and the works of other prominent authors and researchers to plan collaboratively and teach all students, including English learners, high ability and twice exceptional students (special education/gifted and talented), and exceptional learners. Emphasis will be placed on monitoring and adapting lesson plans to ensure rigorous learning and success for all students, as well as differentiated assessment practices. Grade of C or better required. **EXPECTATION:** Admission to Teacher Preparation Program. **PREREQUISITE:** EDUC 2170; 2.75 GPA overall.
- 4200 Legal Issues in Special Education** **3 hrs. (3, 0)**
 Provides advanced study in special education mandates, procedures, and case law related to the provision of special education and related services to students with disabilities. Current decisions will be examined from historical, social, and education best practices perspectives. Included in the course are procedural rights of the Americans with Disabilities Act (ADA), the Individuals with Disabilities Education Act (IDEA), Section 504 of the Rehabilitation Act, Indiana's Article 7, and social/communication disorders in students with learning disabilities. Grade of C or better required. Admission to the teacher preparation program required. **EXPECTATION:** 2.75 GPA in professional education courses and 2.67 GPA in major content area. **PREREQUISITE:** SPED 2400, 3000, 3120.

TESOL COURSES

- 2400 Principles of Language Acquisition** **3 hrs. (3, 1)**
 In this course, students will explore the principles of language learning. Comparisons will be made between first- and second-language acquisition, child and adult language learning, and various theories and research pertaining to language acquisition. Students will learn about different types of proficiency (BICS — Basic Interpersonal Communication Skills — and CALP — Cognitive Academic Language Proficiency). Students in this course will also investigate the role of psycholinguistic and sociolinguistic principles, motivation, affective influences, individual characteristics and other factors that can influence language learning. **EXPECTATION FOR EDUCATION MAJORS OR TESOL MINORS:** Grade of B or better required (3.0) in course.
- 2420 Exploring the Multicultural Classroom: Understanding the Needs of Culturally and Linguistically Diverse (CLD) Learners** **3 hrs. (3, 0)**
 Emphasis on factors which influence behavior of ethnic and cultural group members in schools and educational settings. The course explores the changing demographics of schools, intercultural competence, and defining one's cultural self. Attention will be given to how teacher candidates can support multilingualism and multiculturalism in the classroom by understanding and implementing culturally relevant pedagogical practices. Strategies for accommodation of instruction and engaging in culturally responsive teaching to meet the needs of all students will be introduced. Grade of C or better required. Required course for all education majors. **PREREQUISITE:** EDUC 2000, 2100, 2110; SPED 2400; 2.67 GPA overall.
- 2500 Exploring TESOL in Service** **3 hrs. (arranged)**
 In this course students will be introduced to TESOL (Teaching English to Speakers of Other Languages) as service and ministry. Students will understand global realities and issues concerning the spread of English, such as linguistic imperialism, world Englishes, and native/nonnative speaker inequalities. Criticisms leveled at "missionary English teaching" will be discussed at length in an effort to understand the potential problems, and solutions, in coupling English teaching with religious service and ministry. The course will utilize real case studies from contexts around the world, involving various age groups and many different types of ministry or service organizations. Students will develop the ability to assess TESOL initiatives for

professional integrity and effectiveness. **EXPECTATION FOR TESOL MINORS:** Grade of B or better required (3.0) in course. **CONSENT:** Departmental consent required.

3500 Teaching Culturally and Linguistically Diverse (CLD) Students 3 hrs. (3, 10)

This course will focus on strategies for working with culturally and linguistically diverse students in the inclusive classroom. Students develop a strong sense of cultural competency as they are empowered to build on CLD students' wealth of knowledge in their heritage languages and cultures, creating diverse learning experiences for all learners. Utilizing information on the backgrounds and cultures of CLD students in lesson planning to build a more globally aware classroom is a focus of the class. Students will learn how to adapt their own instruction and assessment to work effectively with CLD students who require content instruction and support in the classroom while gaining proficiency in English. Furthermore, focus will be placed on strategies for sheltered instruction and how the SIOP Model — Sheltered Instruction Observation Protocol (www.siopinstitute.net) — can be used to prepare and evaluate lessons in the content area classroom. Students will have field experience in an appropriate setting. **EXPECTATION FOR EDUCATION MAJORS OR TESOL MINORS:** admittance to Teacher Preparation Program, 2.75 overall GPA., grade of B or better required in course. **CONSENT:** Class is open to all majors with departmental consent.

4550 Methodology for Teaching English Learners 3 hrs. (3, 10)

In this course students will become familiar with the methodology of teaching a second/foreign language, beginning with a brief exploration of early methods and then focusing on theories that have current-day best practice applications, both in the U.S. PK-12 setting and adult ESL, domestically and abroad. Strategies such as building background knowledge (schema), employing pre-reading techniques, providing comprehensible input, and scaffolding lessons will be explored and practiced. Students will have field experience in an appropriate setting. **EXPECTATION FOR EDUCATION MAJORS OR TESOL MINORS:** Grade of B or better required (3.0) in course. **PREREQUISITE:** Admittance to Teacher Preparation Program, 2.75 overall GPA., TESL 2400.

4590 Applied Linguistics for Teaching English Learners 3 hrs. (3, 5)

In this course students will be introduced to linguistics, its application to the English language, and implications for teaching English language learners. The course will include introductions to linguistic concepts, including phonology, morphology and syntax. Students will become familiar with the International Phonetic Alphabet and its use in language teaching. The structure of the English language and the role of structural knowledge in the teaching and learning of language will be a significant part of the course. The course will emphasize the strategic use of structural and linguistic understanding to further communicative language competence, rather than the acquisition of passive and static knowledge. **EXPECTATION FOR EDUCATION MAJORS OR TESOL MINORS:** Grade of B or better required (3.0) in course. **PREREQUISITE:** Admittance to Teacher Preparation Program, 2.75 overall GPA, TESL 2400.

4850 Practicum in the English Language/TESOL Classroom 3 hrs. (arranged)

This practicum provides supervised field experience for students who are working toward an EL PK-12 license or TESOL program. Emphasis will be placed on the specific role of the EL teacher in the PK-12 or TESOL — how the EL teacher administers and interprets the scores from an English Language proficiency placement test, how the EL teacher writes and implements individual learning plans (ILP) for general education classroom teachers, and the role of the EL teacher in the education team. Reflective thought, observation, discussion, and teaching will be used to expand participants' teaching skills. The first 2-4 hours are spent in careful observation of the workings and interactions of the teaching and learning setting. The remaining hours will be spent working with the cooperating teacher/supervisor and learners, including writing and teaching lesson plans. Classroom participation includes observation, interaction, use of data, and analysis of specific strengths and needs of English learners.

Practicum students will design and teach lessons including strategies and activities to meet the instructional needs of individual learners. Participants will also focus on interpreting and recommending curriculum materials and methods to encourage and help English learners become proficient in their new language. **EXPECTATION FOR EDUCATION MAJORS OR TESOL MINORS:** Grade of B or better required (3.0) in course. **PREREQUISITE:** Admittance to Teacher Preparation Program, 2.75 overall GPA; TESL 2400 and 3500. **PRE/COREQUISITES:** TESL 4550.

Teach for Indiana Program (Post-Baccalaureate Licensure Program)

The Teach for Indiana Program (TIP), approved by the state of Indiana (IC 20-28-4: 511 IAC 13-1-1), is designed for those individuals with a **baccalaureate degree** and a desire to become a teacher. This program has been specifically designed to recruit, prepare, and license talented individuals for teaching at the elementary (K-6) or secondary (5-12) levels. Candidates must have a four-year degree from an accredited institution of higher education with a GPA of 3.0 overall and in their major area of study or a GPA of 2.5 overall and in their major with five years of professional experience related to the intended licensing area or an education-associated field. Candidates may select either an elementary or secondary tracks. Passing all Indiana CORE assessments is required before student teaching.

PROGRAM DESIGN:

The Teach for Indiana Program is a nine-month intensive program of educational coursework, field experiences, and a semester clinical practice (student teaching) which, when successfully completed, leads to an Indiana teaching license. Coursework is a hybrid model that includes online courses and face time classes. Classes the first semester are in the evening, allowing for candidates to continue working at their place of employment. Candidates must be available the second semester for **full-time study and for student teaching**. Coursework begins in July and is compressed into 5-6 week modules throughout the semester. All courses are in alignment with Indiana Educator Standards (REPA developmental and content standards), The National Council for the Accreditation of Teacher Education (NCATE) Program Standards, The Interstate New Teacher Assessment and Support Consortium (InTASC) Principles, and the Indiana Office of Educator Licensing and Development.

ELEMENTARY TEACHING LICENSURE (24 hours)

- EDUC 4200, 4210, 4220, 4221, 4222, 4231, 4232, 4240, 4260, 4280 (student teaching)

SECONDARY TEACHING LICENSURE (18 hours)

- EDUC 4200, 4210, 4251, 4250, 4240, 4260, 4280 (student teaching)

TIP EDUCATION COURSES (Prerequisite for all TIP Education courses: Baccalaureate Degree)

4200 Orientation to Teaching

3 hrs. (1, 10)

Candidates will through coursework, field assignments, and early arrival experiences in the schools develop insights to the culture and nature of instruction in K-12 classrooms. Candidates will develop an understanding of how to establish a community of learners through group norms, self-identification and discussion of the five areas of holistic behaviors for optimal productivity. Candidates will also develop an understanding of the principles of learning and student development as related to planning curriculum, learning activities, modes of delivery, and instructional pacing to meet the needs of each learner.

- 4210 Psychology of Teaching** **3 hrs. (Online Course)**
 This course addresses the most significant concepts, principles, theories, methodologies, and issues in the field of educational psychology and child development. Coursework requires students to develop and apply an understanding of pedagogy by analyzing and integrating the science of learning with the art of teaching. The usage of technological formats to enhance learning will be addressed.
- 4220 Differentiated Curriculum and Instruction: Mathematics** **1 hr. (1, 0)**
 Elementary education candidates in this course will articulate clear learning objectives and instructional strategies using a repertoire of flexible teaching and learning approaches, addressing current curriculum and student standards, using aspects of students' background knowledge, diverse representations, and social/legal issues relating to special populations, and monitoring students' understanding of content through a variety of means. Candidates will study curriculum topics by examining the organization, materials, and resources of mathematics content and the implications for using them.
- 4221 Differentiated Curriculum and Instruction: STEM** **1 hr. (1, 0)**
 Elementary education candidates will study curriculum topics of science, technology, engineering and mathematics (STEM) by examining the organization, materials, and resources of each content area and the implications for using them in a class-room setting. Focus will be on the integration of concepts and the pedagogical implications of interdisciplinary instruction. Selection of teaching and learning strategies, such as modeling, cooperative learning, guided activities, use of journals, graphic organizers, and the inquiry method.
- 4222 Differentiated Curriculum and Instruction: Social Studies** **1 hr. (1, 0)**
 Elementary education candidates will study the scope and sequence and the pedagogical implications of interdisciplinary instruction using social studies concepts. Organization, resources and materials for the teaching of social studies will be addressed. Integration with children's literature will be a focus, as well as instructional differentiation for individual learning needs in the classroom.
- 4231 Developmental Reading** **3 hrs. (1, 0)**
 Elementary education candidates will study linguistic and cognitive bases in the reading process: comprehension, word identification, vocabulary development and methodologies will focus on various approaches for teaching reading, research, and theoretical bases for various instructional approaches, instructing students with special reading needs, and fostering enjoyment and appreciation of reading.
- 4232 Diagnostic and Corrective Reading** **3 hrs. (1, 0)**
 Elementary education candidates will demonstrate knowledge and understanding of reading difficulties, use a variety of instructional strategies, assess and document student progress, and plan/implement instruction based on knowledge of students, learning theory, subject matter, and curriculum needs. Varied forms of assessments include: standardized tests, basal reading assessments, readability indexes, informal reading inventories, miscue analysis, doze procedures, individual conferences, portfolios, and journals.
- 4240 Multidimensional Assessment for Student Learning** **3 hrs. (1, 0)**
 This course is designed to prepare elementary and secondary teacher candidates with a strong knowledge base about assessments and their use in the classroom today. Candidates will learn what assessment is, when and how to use a variety of assessment strategies, understand how to create them, ways to interpret and analyze the data and results, and know how to use these interpretations to inform their teaching practice. Students will design a comprehensive work unit based upon researched assessment practices, including gathering data, analyzing and interpreting their results.
- 4260 Creating an Environment for Student Learning** **2 hrs. (1, 0)**
 Candidates will analyze and reflect on the essential elements and plans to create an environment that promotes student learning. Candidates will learn how to create a classroom climate

that attends to interpersonal relations, motivational strategies, questioning techniques, school expectations, rules, routines, and procedures. A focus will be on developing responses to individual and cultural diversity, nonverbal communication skills, establishing and maintaining consistent standards of classroom behavior, and making the classroom environment as safe and conducive to learning as possible.

- 4250 Reading in the Content Areas (Secondary Level) 2 hrs. (Online Course)**
Candidates examine research and instructional approaches to help improve the literacy of adolescents and adults. This course is focused on current research that looks at the complexities of the reading process and how the process can be improved upon in the content areas at the secondary level. Students will design a lesson plan based upon the School of Education's lesson plan format, including related activities to be implemented in the plan, research-based reading strategies, and focused purposes for reading.
- 4251 Development of Middle/High School Instruction 1 hr. (1, 0)**
This course focuses on meeting the specific needs of the early adolescent student. Physical, emotional, and intellectual changes prompt the teacher to use developmentally appropriate instruction in order to motivate the learner to achieve. Teaching methods such as real-life situations, cooperative learning, and hands-on experiences are emphasized.
- 4280 Student Teaching (Clinical Practice) 4 hrs. (public school setting)**
Observation, participation, and teaching in the school setting for 10 -16 weeks on a full-day basis. Candidates are expected to participate in all aspects of the school day and responsibilities of the classroom teacher. Candidates will complete a teacher work sample during the student teaching assignment. **PREREQUISITE:** All Indiana CORE assessments must be passed, Suicide Prevention Training completed, and have a current CPR certificate. All course work assignments must be completed.

English

Dr. Borders, chair; Prof. Elliott, Prof. Imafuji, Prof. Miller, Prof. Miller Fox, Prof. Parks, Dr. Radaker, Prof. Ranfeldt, Prof. Bain, Prof. Landis, Prof. Lawrence, Prof. Sandefur, Prof. Shively, Prof. Spaulding, Prof. Wells, Prof. Wilson.

The English program addresses two objectives: the general humanities and pre-professional preparation. Literature courses — with their balance of American, British, and world offerings — develop a dialogue between the past and present across political, cultural, and ideological barriers. Literature, as it reflects human activity, helps us understand human values, motives, ourselves, and society. Introductory courses develop necessary skills for critical reading, analytical thinking, and literary interpretation.

As an outgrowth of its offerings in upper-division writing courses, the Department of English offers a major and a minor in writing, both of which are designed to complement any major on campus by offering the opportunity to pursue advanced training in expository, argumentative, non-fiction, and creative writing endeavors. The department's lower-division writing courses present basic skills necessary for successful college-level work.

ENGLISH MAJOR (35 hours)

- ENGL 2400
- ENGL 4000 (may take for up to 6 hours)
- ENGL 4910
- At least one course from each group:
 - British Literature to 1660: ENGL 3300, 3320, 3340
 - British Literature after 1660: ENGL 3360, 3390, 3450
 - Genre Studies: ENGL 4450, 4550
 - American Literature I: ENGL 3500, 3551
 - American Literature II: ENGL 2350, 3580
- Students may also take the following 3000-level courses toward the major:
ENGL 3000, 3050, 3110, 3120, 3140, 3160, 3180, 3190, 3220.
ENGL 1100, 1110, 1120, 1400, 2500, 2510 and 4700 do not apply toward the major.

ENGLISH MINOR (15 hours)

- ENGL 2400
- One course from each group:
 - British Literature: ENGL 3300, 3320, 3340, 3360, 3390, 3450, 4450
 - American Literature: ENGL 3500, 3551, 4550
 - 3000-level writing courses: ENGL 3110, 3120, 3140, 3160, 3180, 3190
- ENGL 1100, 1110, 1120, 1400, 2350, 2500, 2510 and 4700 do not apply toward the minor.

LANGUAGE ARTS TEACHING MAJOR (53-54 hours)

To fulfill requirements for teaching language arts at the secondary level, students must complete the core requirements as well as one of the two options listed below. In addition to these requirements, students pursuing a teaching major must also meet additional requirements listed in the School of Education section of this catalog.

CORE REQUIREMENTS (37 hours)

- ENGL 2400, 3000, 3050, 3220, 3580, 3590, 4700; 3110 or 3120; 3180 or 3190
- COMM 2410, 2550, 3210, 4750

ENGLISH OPTION (16 hours)

- Two courses from British literature: ENGL 3300, 3320, 3340, 3360, 3390, 3450, 4450
- Two courses from American literature: ENGL 3500, 3551, 4550

COMMUNICATION STUDIES OPTION (17 hours)

- COMM 2100, 3110, 3150, 3310; THEA 2500
- 2 hours each (4 hours total) from COMM 2870, 2880

WRITING

The writing major provides the student with opportunities to develop advanced writing competencies in a range of creative and professional writing arenas. It may complement any other major, but especially those fields which include challenging writing tasks.

Please note: the writing major is available as a complementary major only. The student's other major(s) must be pursued outside of the English department.

WRITING COMPLEMENTARY MAJOR (27 hours)

- ENGL 4910
- 18-20 hours from ENGL 2500, 2510, 3000, 3110, 3120, 3140, 3160, 3180, 3190, 3870
- 3-8 hours from ENGL 3450, 3551, 3580, 4000, 4550
- Up to 3 hours of writing internship experience may be applied toward the major. Must be approved in advance by the department chair.

WRITING MINOR (15 hours from any of the following courses)

- ENGL 2500, 2510, 3000, 3110, 3120, 3140, 3160, 3180, 3190, 3870
- COMM 2130 or FREN 3240 or SPAN 3010 or MUSB 2070 may also be applied

ENGL COURSES

- 1100 Rhetoric and Composition — Basic** **4 hrs. (4, 0)**
Designed for students who need supplemental help with writing skills. Focuses on theory and practice of expository writing based on experience and observation. Emphasizes development of functional and flexible writing processes for a range of purposes and audiences. Includes assigned readings. Requires attention to sentence style, diction, and usage through tutorial instruction in the Kissinger Learning Center. Grade of C- or better is required.
- 1110 Rhetoric and Composition** **3 hrs. (3, 0)**
Focuses on theory and practice of expository writing based on experience and observation. Emphasizes development of functional and flexible writing processes for a range of purposes and audiences. Includes assigned readings. Grade of C- or better is required.
- 1120 Rhetoric and Research** **3 hrs. (3, 0)**
Focuses on theory and practice of writing based on external sources. Emphasizes library, electronic, and field research sources and methods. Satisfies writing skill requirement for graduation. Does not satisfy Advanced Writing Competency requirement. **EXPECTATION:** Grade of C- or better in ENGL 1100 or ENGL 1110.
- 1400 Valuing Through Literature** **3 hrs. (3, 0)**
Examines literature from a variety of cultures and time periods. Works are selected and discussed in terms of value systems and ethical issues presented in them.
- 2350 American Literature and American Painting** **3 hrs. (3, 0)**
Surveys representative works from American literature and American painting. Seeks to analyze how these two art forms influence and reflect each other and how they explore themes endemic to the self and the community within American history and culture. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120.

- 2400 Introduction to Literature** 4 hrs. (4, 0)
Study of works in English, American, and world literature to help students learn to read poetry, fiction, and drama for maximum enjoyment, appreciation, and understanding. Emphasis on critical analysis of literature and applying these skills in written work as well as discussion. Major scholarly approaches to literature introduced. Required of all English majors. Strongly recommended as first literature course in the major. **PREREQUISITE:** ENGL 1120.
- 2500 Appreciation of the Writing Craft** 2 hrs. (2, 0)
Defines and analyzes the fundamental elements and writing techniques of various creative genres, such as short fiction, poetry, literary non-fiction, and/or drama. Strongly recommended as a prerequisite to ENGL 3110, 3120 or 3180. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120.
- 2510 Creative Writing Workshop** 1 hr. (1, 0)
Offers students a workshop setting in which to experiment with writing techniques to produce original poetry, short fiction, drama, or literary non-fiction. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120. **COREQUISITE:** ENGL 2500.
- 3000 Grammar and Style** 3 hrs. (3, 0)
Studies the English language by focusing on contemporary descriptive grammar and morphology. Students will apply course concepts to improving their own writing style. Course designed for writing majors and teaching majors. Required for language arts teaching majors. **PREREQUISITE:** ENGL 1120.
- 3050 History of the English Language** 3 hrs. (3, 0)
Investigates the origins and development of the English language. Particular emphasis on social and political forces that have influenced the development of the language. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2014-15.
- 3110 Creative Writing: Fiction** 3 hrs. (3, 0)
Emphasizes techniques writers use in various modes of fiction. Awareness of writer's craft applied theoretically in analysis of short fiction and practically in students' own creative endeavors in short fiction. ENGL 2500 strongly recommended as a prerequisite. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2014-15.
- 3120 Creative Writing: Poetry** 3 hrs. (3, 0)
Emphasizes techniques writers use in various modes of poetry. Awareness of poet's craft applied theoretically in analysis of poetry and practically in students' own creative endeavors in poetry. ENGL 2500 strongly recommended as a prerequisite. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2014-15.
- 3140 Writing and Digital Media** 3 hrs. (3, 0)
Advances students' professional writing skills by developing four key digital literacies: interacting with, analyzing, researching, and producing digital media. Includes a focus on rhetorical and professional writing theory. Students will examine the role language plays in digital spaces and will gain skills to produce quality writing in digital spaces. **EXPECTATION:** Grade of C or above in ENGL 1120.
- 3160 Professional Writing and Editing** 3 hrs. (3, 0)
Focuses on reader-centered approaches to develop skills necessary in professions that require strong writing and editing ability. Designed for students of varied academic majors and occupational interests. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120.
- 3180 Composing Nonfiction** 3 hrs. (3, 0)
Advanced composition course that examines and practices the processes of nonfiction writing and the variety of "forms" that are available to nonfiction writers. Matters of style and voice will be examined closely. ENGL 2500 strongly recommended as a prerequisite. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2014-15.

- 3190 Composing Arguments** **3 hrs. (3, 0)**
Advanced composition course that explores various models of argument, including persuasion, advocacy, consensus building, and classical rhetoric. Focuses on analyzing and composing multiple genres of written, visual, and digital argument. Audience accommodation, research, tone, and revision will be examined. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2014-15.
- 3200 Introduction to Myth** **4 hrs. (4, 0)**
Explores the nature and meaning of myth, with illustrations from various world mythologies. Emphasizes the relationship between myth, literature, and religion. **OFFERED:** 2014-15. **SAME AS:** RLGN 3200.
- 3220 Global Literature** **3 hrs. (3, 0)**
Surveys representative 20th-century and contemporary literature from the several inhabited continents. Seeks to explore both the diversity and commonality of the global community in the social, political, ethical, and cultural dimensions. **PREREQUISITE:** Upper-division standing.
- 3300 The Age of Chaucer** **4 hrs. (4, 0)**
Surveys Western European literature from 1100 to 1500, including allegory, drama, poetry, and romance. Emphasizes the writings of Geoffrey Chaucer. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2016-17.
- 3320 Shakespeare** **4 hrs. (4, 0)**
Analyzes the poetry and several representative dramas within their historical context. Areas of emphasis will include Ovidian influences, early modern culture, and pedagogy. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2015-16.
- 3340 The Renaissance in England** **4 hrs. (4, 0)**
Surveys the literature of the English Renaissance. Representative writers include Marlowe, Sidney, Spencer, Donne, Jonson, Marvell, Bacon, and Hobbes, with special emphasis on John Milton. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2014-15.
- 3360 The Restoration and Eighteenth Century** **4 hrs. (4, 0)**
Surveys major literary figures and forms from Restoration and Augustan Age through age of Johnson against broad social, cultural milieu of English and Continental enlightenment. Topics include neoclassical aesthetics, nature, reason, wit, satire. Writers include Dryden, Pope, Swift, Behn, Finch, Addison, Steele, and Johnson. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2015-16.
- 3390 British Literature of the Nineteenth Century** **4 hrs. (4, 0)**
Explores seminal Romantic and Victorian works of poetry, fiction, and the essay. Authors include Wordsworth, Coleridge, Byron, Keats, Tennyson, Browning, Arnold, Dickens, Eliot, and Hardy. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2016-17.
- 3450 British Literature of the Twentieth Century** **4 hrs. (4, 0)**
Surveys British literature from World War I to the 1990s. Includes works from novelists such as Woolf, Joyce, Green, Murdoch, Fowles; dramatists such as Shaw, Pinter, Beckett, Osborne, Shaffer; and poets such as Yeats, Auden, Hughes, and Heaney. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2014-15.
- 3500 American Literature of the Nineteenth Century** **4 hrs. (4, 0)**
Examines the positive Romanticism of Emerson, Thoreau, and Fuller; the dark Romanticism of Poe, Hawthorne, and Melville; and the social or psychological realism of James, Twain, Crane, Gilman, and Chopin. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2015-16.
- 3551 American Literature of the Twentieth Century** **4 hrs. (4, 0)**
Examines the major literary developments and the philosophical or social perspectives within American literature of the 20th century. Writers include Cather, Wharton, Fitzgerald, Hemingway, Faulkner, Steinbeck, Wright, Updike, Vonnegut, and Morrison. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2014-15.

- 3580 American Cross-Cultural Authors** **3 hrs. (3, 0)**
Examines literary texts, themes, and techniques of contemporary American minority writers. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2015-16.
- 3590 Teaching Diversity through Young Adult Literature** **3 hrs. (3, 0)**
Provides secondary, middle, and upper elementary preservice teachers with a wide variety of experiences in reading, analyzing, and discussing texts written specifically for young adults. Grade of C or better required. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2014-15. **SAME AS:** EDUC 3590.
- 3870 Literary Arts Practicum** **1 hr. (arranged)**
Students work with faculty consultant in producing an annual campus literary arts magazine. Activities include selection of materials, editing, promotion, and selling the magazine. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **GRADE:** CR/NC registration.
- 4000 Special Topics in Literature** **3 hrs. (3, 0)**
Examines discrete literary areas and topics not included in the current offerings, such as literature of the American South, American nature writing, the fiction of Thomas Hardy, and Christian writers. **PREREQUISITE:** ENGL 1120. **REPEAT:** May be repeated. Total credit not to exceed 6 hours.
- 4450 The British Novel** **4 hrs. (4, 0)**
Surveys growth of British novel through 18th, 19th and 20th centuries. Examines thematic trends, historical development, technical, and aesthetic achievements, and contributions of individual authors. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2015-16.
- 4550 American Poetry** **4 hrs. (4, 0)**
Examines the major voices and visions of American poetry by analyzing the work of 10 major American poets: Whitman, Dickinson, Frost, Stevens, Williams, Eliot, Moore, Bishop, Hughes, and Lowell. The work of more contemporary poets will be examined as well. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2014-15.
- 4650 Independent Study** **1-4 hrs. (arranged)**
Individualized projects for upper-division students. **PREREQUISITE:** Upper-division standing.
- 4700 Methods of Teaching English** **3 hrs. (3, 0)**
Surveys methods, materials, and resources used in teaching composition, language, and literature in middle schools and high schools. **EXPECTATION:** Should be taken in conjunction with COMM 4750. **OFFERED:** Semester I.
- 4910 Senior Capstone Seminar** **3 hrs. (3, 0)**
Required for all English majors and writing majors. Open only to seniors. Students will complete a comprehensive project that will draw on the knowledge, skills, concepts, and methods they have accumulated through study in the other courses required for the major. This project will also prepare them for the work they will do in graduate school, in professional organizations, in the literary marketplace, or in corporate settings. **PREREQUISITE:** Senior standing and English major or writing complementary major.

General Studies

Dr. Janutolo, director

Anderson University offers a stand-alone general studies major leading to a Bachelor of Arts degree only. Students interested in pursuing the general studies major must have a plan of study approved by the dean of the College of Science and Humanities before admission to the major is granted. Students majoring in general studies must complete all liberal arts program requirements. Additionally, students must complete a concentration of courses in one subject area. The subject area may be broadly defined as courses in common disciplines (i.e. science, foreign language, business, etc.). Student proposals for the concentration must be submitted to the dean of the College of Science and Humanities for approval.

GENERAL STUDIES MAJOR

- 40-58 hours of liberal arts program requirements
- 30 hours in concentration area
- LART 4500
- Additional requirements for Bachelor of Arts degree:
 - at least 30 hours from upper-division courses
 - at least 60 hours completed at Anderson University

Global Studies

Dr. Allen, director; Dr. J. Fox, Prof. Kant, Dr. Quashie, Prof. Shulmistras

The interdisciplinary program in Global Studies offers a major, a complementary major, and a minor, each of which prepare students to understand and operate in our diverse and increasingly interconnected world. Students will gain the knowledge they need by taking courses from across several academic disciplines, which focus on globalization, cross-national and intercultural interactions, and sustainability. They will also engage in an international/intercultural experience, further foreign language skills, and bring their knowledge together in a capstone course. Global Studies majors will also complete courses in an area of concentration, which will focus them for purposes of global service, future employment, or possible graduate study.

GLOBAL STUDIES MAJOR (41-42 HOURS)

- Completion of the Global Studies Core (29-30 hours)
- Completion of an area of concentration, selected from International Affairs and Human Security, Community Health, Community Development, or Culture (12 hours)

The Global Studies Complementary Major requires completion of the Global Studies Core, minus the area of concentration (29-30 hours).

The Global Studies Minor requires completion of the Global Studies Core, minus the Modern Foreign Language requirement (18 hours).

GLOBAL STUDIES CORE (29-30 HOURS):

- GLBL 2500, 2550, 2580, 4590; ECON 2010; POSC 3300
- Modern Foreign Language: Three courses taken at the collegiate level above the first year of language study (11-12 hours)
- Completion of an approved international/intercultural experience

AREAS OF CONCENTRATION

INTERNATIONAL AFFAIRS AND HUMAN SECURITY

- POSC 2400
- Nine additional hours from the following: BIOL 2070; CMIN 3240; HIST 3300, 3520; POSC 3212, 3310, 3520; PACT 2300, 2400; SOCI 3470

Additional coursework recommended specifically for students considering graduate level study in international affairs includes courses in economics, history, statistics, and political science. Consult with the Global Studies program director when selecting electives.

COMMUNITY HEALTH: FOOD, NUTRITION AND HUNGER

- SOCI 4810
- Nine additional hours from the following: BIOL 2040, 2070, 2140, 2230; POSC 3520; SPAN 3100 (Health Care)

COMMUNITY DEVELOPMENT: FOCUS ON ECONOMIC AND SOCIAL GROWTH

- Twelve hours from ACCT 3210; ECON 3110, 3210, 3250; PACT 2300; POSC 3510, 3520; SOCI 4020, 4200; SPAN 3100 (Social Work and Criminal Justice)

CULTURE: FOCUS ON HUMANITIES

- Twelve hours from ARTH 2000, 2100; ENGL 3220; ENGL/RLGN 3200; DANC 2130; FLAN 3400; FREN 3400, 3440; HIST 3330, 3350; MUSC 2210, 3220; RLGN 3320; SPAN 3400, 3440 (or HIST 3370); THEA 3010, 3020

GLBL COURSES

- 2500 Introduction to Global Studies** **3 hrs. (3, 0)**
 This course will introduce students to the interdisciplinary study of globalization, from the historical, political, economic, environmental, and cultural perspectives. Issues of cross-national and intercultural importance, such as sustainability, technology and trade, and the causes and consequences of human conflict are analyzed using a variety of case studies, viewed through several, simultaneously contributing disciplinary lenses. **OFFERED:** Fall semester.
- 2550 Intercultural Competence** **3 hrs. (3, 0)**
 This course introduces students to the theories and concepts of intercultural competence and the literature related to this field of study. Coursework will focus on an interdisciplinary approach to the study of culture, developmental and experiential learning theory, and methods for culture learning. Students will also become familiar with intercultural competence assessment theory and practice as it relates to guided development in intercultural competence. **SAME AS:** INCS 2550. **OFFERED:** Every other fall semester.
- 2580 Principles of Geography** **3 hrs. (3, 0)**
 Introduction to geography, emphasizing five major themes: the physical environment, natural resources, and agricultural pursuits; demographics, immigration, sequent occupation, and settlement patterns; the impact of natural and human-made disasters; cultural, economic, and political development; the interaction between people of different cultures and environments. **SAME AS:** POSC 2580.
- 4590 Capstone Course in Global Studies** **3 hrs. (3, 0)**
 This course involves scholarly reflection on the international/intercultural experience or internship required for majors and minors in global studies. After working with faculty to complete the orientation and preparation for the experience or internship, and the experience itself, students will take this course and develop a reflective component, bringing together work done throughout their course of study. **OFFERED:** Spring semester.

History and Political Science

Dr. Rogers, chair; Dr. Allen; Dr. Dirck, Dr. Frank (pre-law advisor), Dr. Murphy, Dr. Shrock, Prof. Stuart, Judge Pyle

HISTORY

The courses in history propose to stress the historical and scientific approach; to give the student an understanding of the origin and development of civilization, past and present, that people may be able to evaluate properly present trends; and to prepare for intelligent and active citizenship, for teaching and related professions, and for graduate study.

History as a discipline draws on knowledge from a broad range of studies, and students in the history program are encouraged to engage themselves in courses from many related disciplines in the arts and sciences, as well as in foreign languages. Skills developed by the study of history include the careful critical analysis of evidence in many forms, effectiveness in argument, and clarity of thought and expression in the presentation of research results. The program in history prepares students for professional careers in teaching, government and law, public history, the media, and many other fields.

HISTORY MAJOR (34 hours)

- HIST 2030, 2040, 2300
 - 1 course from HIST 3260, 3300, 3330, 3350, or 3370
 - 3 courses from HIST 2110, 2120, 3420, 3425, 3430, 3440, 3451, 3452, 3470, 3510, 3520, or 4030
 - 1 course from HIST 3100, 3110, 3130, 3150, 3190, 3240, 3280
 - HIST/POSC 4930
 - Remaining hours from additional HIST courses.
- HIST 2700 and 4700 do not apply toward the major.

HISTORY MINOR (15 hours)

- Selected from HIST courses; at least 2 courses from 3000- and 4000-level listings.
- HIST 2700 and 4700 do not apply toward the minor.

PUBLIC HISTORY MINOR (18 hours)

The public history minor prepares students who wish to work in the field of history outside the classroom, in settings where history is encountered by the public: museums, community history centers, national parks and historical sites, and many more settings. Public historians - museum staff and curators, government historians, archivists, historical site interpreters, preservationists - come from a variety of disciplines. Preparation for work in public history is therefore, and necessarily, interdisciplinary, as it prepares individuals to preserve and transmit our past to the non-academic public.

- 2 required courses, HIST 2235, 4800

Remaining twelve hours selected from at least three of the following disciplinary captions:

- ARTH 2000, 2100
- BIBL 3310
- BSNS 3300
- COMM 2240
- ENGL 2350, 3220
- HIST 2110, 2120, 3020, 3440
- MUSC 2210

POLITICAL SCIENCE

The political science program offers two majors, each of which is designed to transform students with an interest in or concern for politics into graduates who can understand, evaluate, manage, and shape political events and governmental actions in a manner consistent with a Christian faith perspective.

The majors offered by the political science program provide excellent training for a variety of careers. Recent graduates are working in government (national, state, and local), law, electoral politics, and business.

Students in the political science program are expected to complete successfully the foundational classes before attempting upper-division coursework. They are also strongly encouraged to pursue a minor or a second major in one or more of the following: history, economics, foreign languages, journalism, peace and conflict transformation, philosophy, psychology, sociology, or women's studies. Minors or second majors should be selected only after consultation with a political science program advisor. Students are also encouraged to consider completing an internship or taking a semester to participate in an off-campus program. Appropriate opportunities can be identified by consulting a political science program advisor.

POLITICAL SCIENCE MAJOR (34 HOURS)

- **Foundational courses** (13 hours):
 - POSC 2020, 2100, 2400
 - MATH 2120 or POSC 2440 or BSNS 2450
- **Domestic Politics courses** (6 hours):
 - POSC 3140 or 3150
 - POSC 3211 or 3212
- **International and Comparative Politics courses** (6 hours):
 - POSC 3300, 3310, or 3330
 - POSC 3400 or 3420
- **Senior Capstone course** (1 hour):
 - POSC/HIST 4930
- **Electives** (8 hours):
 - Remaining hours from additional POSC courses; at least 6 hours from upper-division courses

*No more than 5 hours from POSC 2810, 2840, 4800, 4810 may be applied toward the major.
POSC 4700 does not apply toward the major.*

POLITICAL SCIENCE – ECONOMICS MAJOR (41 HOURS)

- **Core courses required of all majors** (29 hours):
 - Foundational courses:
 - POSC 2020, 2100, 2400
 - MATH 2120 or POSC 2440 or BSNS 2450
 - ECON 2010, 2020
 - Advanced courses:
 - POSC 3300, 3510
 - ECON 3410
 - Senior Capstone course:
 - POSC 4930
- **Choice of focus on domestic or international options** (12 hours):
 - Domestic option:
 - ECON 3110
 - POSC 3140 or 3150
 - Electives chosen from:
 - ECON 3020, 4020
 - POSC 3140, 3150, 3211, 3212, 4650, 4915

- International option:
 - ECON 3210
 - POSC 3520
 - Electives chosen from:
 - ECON 3020, 4020
 - POSC 3330, 3400, 3420, 4650, 4915

POLITICAL SCIENCE MINOR (15 HOURS)

- POSC 2020, 2100
- Remaining hours from additional POSC courses; at least 6 hours from upper-division courses

*No more than 3 hours from POSC 2810, 2840, 4800, 4810 may be applied toward the minor.
POSC 4700 does not apply toward the minor.*

SOCIAL STUDIES TEACHING

To fulfill requirements for teaching social studies at the senior high/middle school level, students must complete specific courses in three teaching fields and in professional education. The required teaching fields are historical perspectives; government and citizenship; and a third area chosen from sociology, economics, and psychology.

In addition to these requirements, students pursuing a teaching major must also meet additional requirements listed in the School of Education section of this catalog.

SOCIAL STUDIES TEACHING MAJOR (50 HOURS)

- HIST 2700, 4700; POSC 2580
- **Historical Perspectives** (21 hours)
 - 9 hours of U.S. History:
 - HIST 2110, 2120
 - Remaining hours from HIST 3420, 3440, 3451, 3452, 3470
 - 6 hours of European History:
 - HIST 2030 or 2040
 - Remaining hours from HIST 3010, 3100, 3110, 3130, 3150, 3190, 3210
 - 6 hours of Global History:
 - HIST 2000
 - Remaining hours from 3260, 3280, 3300, 3320, 3330, 3350, 3370
- **Government and Citizenship** (12 hours)
 - 12 hours of Political Science from:
 - POSC 2020, 2100
 - Remaining hours from POSC 2120, 3010, 3211, 3212
- **Third Field** (9 hours)
 - 9 hours in one of the following areas:
 - Economics:
 - ECON 2010, 2020
 - Remaining hours from: ECON 3020, 3210, 3410
 - Psychology:
 - PSYC 2000
 - Remaining hours from: PSYC 2510, 3010, 3120, 4110, 4140
 - Sociology:
 - SOCI 2010
 - Remaining hours from SOCI 2020, 2120, 2200, 3400, 4020

HIST COURSES

- 2000 History of World Civilization** 3 hrs. (3, 0)
Examination of the history of the non-Western world of Asia, the Middle East, Africa, and Latin America. Emphasizes patterns of development; religion and culture; political, economic, and social issues; and historical and current problems. Required of all social studies teaching majors. **OFFERED:** Fall semester.
- 2030 Western Civilization I** 3 hrs. (3, 0)
Examination of major themes in the development of Western civilization. Special attention is given to intellectual and cultural heritage of the classical world and to the transmission of the classical heritage to the modern world. **OFFERED:** Fall semester.
- 2040 Western Civilization II** 3 hrs. (3, 0)
Examination of major themes in the development of Western civilization. Special attention is given to the expansion of the West, the development of modern political ideologies, and the historical impact of economic modernization. Examines the period from 16th century to the present. **OFFERED:** Spring semester.
- 2050 The West and Modern World** 3 hrs. (3, 0)
Open to **Department of Adult Studies students only**. Contemporary global cultural and economic interaction has its roots in the relationship which has evolved over the last five centuries between the West and the non-Western world. Our complex twenty-first century world, characterized by phenomena including mass popular culture, industrialized economies, democratic as well as totalitarian political movements, and the globalization of major religions, can only be properly understood within the context of its historical development.
- 2060 History of Christianity** 3 hrs. (3, 0)
Comprehensive survey of the history of Christianity. An effort is made to trace main lines of development and to understand them in light of their inner dynamics and general environment. **SAME AS:** RLGK 2060.
- 2110 American Civilization I** 3 hrs. (3, 0)
American civilization from first English settlements through Civil War: artistic, intellectual, literary, social, economic, political, and religious currents in American life. Required of all social studies majors. **OFFERED:** Each semester.
- 2120 American Civilization II** 3 hrs. (3, 0)
American civilization from Reconstruction to present: artistic, literary, intellectual, social, economic, political, and religious currents in American life. Required of all social studies majors. **OFFERED:** each semester.
- 2210 History of Philosophy: Ancient and Medieval** 3 hrs. (3, 0)
Dominant philosophical systems from ancient Greece through the medieval period, the cultural milieu in which these systems of thought arose, their presuppositions, and their implications for human self-understanding. **SAME AS:** PHIL 2210.
- 2220 History of Philosophy: Modern** 3 hrs. (3, 0)
Continuation of PHIL 2210, from Renaissance to present. **PREREQUISITE:** HIST 2210. **SAME AS:** PHIL 2220.
- 2235 Foundations of Public History** 3 hrs. (3, 0)
Required introduction for students in public history, examining the role and function of the public historian, the conditions of the primary settings in which history is presented to the broader public, and contemporary theory and practice in the discipline.
- 2300 Historical Inquiry** 3 hrs. (3, 0)
Examines various approaches to historical research, major bibliographical tools, varieties of history, and philosophies of history. Formerly HIST 3000.
- 2700 Teaching Social Studies in the Secondary School** 3 hrs. (3, 0)
Course provides a comprehensive introduction to basic skills and issues related to teaching

social studies at the secondary school level. Topics include methods of examination, creating a favorable environment for student interaction, introducing primary source materials, utilizing new technologies, reading and writing skills, and conceptualizing historical materials in an effective manner. **OFFERED:** Spring semester.

- 3010 History of Political Thought** **3 hrs. (3, 0)**
Examination of major works in the development of political thought from ancient Greece through the 20th century. Theorists studied include Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, and Mill. **PREREQUISITE:** Sophomore standing. **OFFERED:** Spring semester of even-numbered years. **SAME AS:** PHIL/POSC 3010.
- 3020 Development of American Thought** **3 hrs. (3, 0)**
Interdepartmental course tracing the history and development of American thought and its influence on American life and literature. **PREREQUISITE:** Upper-division standing. **SAME AS:** PHIL 3020.
- 3100 Ancient History** **3 hrs. (3, 0)**
Study of ancient Greek and Roman civilizations. Particular attention is devoted to social and political history of both societies and to a consideration of their lasting cultural bequest to the West.
- 3110 Medieval World** **3 hrs. (3, 0)**
Examination of important historical forces in the evolution of medieval Europe from the fall of Rome to the 14th century.
- 3130 Renaissance and Reformation** **3 hrs. (3, 0)**
Political, social, economic, religious, and intellectual life of early modern Europe from 14th century to 1648. **SAME AS:** RLGN 3130.
- 3150 Europe since 1870** **3 hrs. (3, 0)**
Political, economic, and intellectual developments in recent Europe. Also examines the unique characteristics of modern European cultural and artistic development.
- 3190 Jewish Holocaust and its Historical Context** **3 hrs. (3, 0)**
Examines the destruction of European Jewry by the government of Nazi Germany from 1933 to 1945. Topics include the history of anti-Semitism in Europe, National Socialist racial ideology, Jewish resistance, attitudes of churches toward Nazi policies, development of death camps as the “final solution,” and non-Jewish victims of Holocaust terror. **PREREQUISITE:** Upper-division standing.
- 3210 History and Culture of Modern Germany** **3 hrs. (3, 0)**
Political, social, and cultural history of Germany since the early 19th century. The modern German cultural achievement, Germany’s role in the World Wars, and the place of Germany in the “new Europe.”
- 3240 History of Russia and the Soviet Union** **3 hrs. (3, 0)**
Examines the development of the Muscovite state and the rise of the Russian “federation” and tsarist system, imperial ambitions and an unruly empire, the influence of the Orthodox Church and its symbiotic relationship with the government, Russian literature and music as a reflection of Russian culture, the revolutions of 1905 and 1917 and the subsequent rise of the Soviet Union, the Cold War, and the downfall of the Soviet Union and its consequent splintering into 15 separate republics.
- 3260 Women in the World, 1800 to Present** **3 hrs. (3, 0)**
This course covers a broad history of the role of women throughout the world from approximately the end of the 18th century to modern times. A brief examination of the lives of western women will provide a basis for discussion of the political, cultural, economic, and theological influences on women in Asia, Africa, and the Middle East specifically, with additional attention being paid to women in Latin America and India. Considerable time will be spent discussing the changing roles of women over the course of two centuries.
- 3280 The Age of Global Empires** **3 hrs. (3, 0)**
Considers European expansion in the 19th century and the consequences of that interaction on

- three continents — Europe, Asia, and Africa. Examines French, British, American, Dutch, and Italian empires, gauges the impact of Western intrusion upon indigenous societies, and considers the ways in which the colonized peoples understood what was happening as well as the outside world's impact upon the West. **PREREQUISITE:** Upper-division standing.
- 3300 Middle East** **3 hrs. (3, 0)**
Survey of Middle Eastern history since the rise of Islam. Emphasis on the 18th century to the present, including the impact of the West on the Middle East. **PREREQUISITE:** Upper-division standing.
- 3320 A World of Religions** **3 hrs. (3, 0)**
Introduction to the major tenets and cultural expressions of selected religions, such as Islam, Taoism, Buddhism, Jainism, Hinduism, Judaism, and Christianity. Religions are compared and contrasted thematically and structurally. **PREREQUISITE:** Upper-division standing. **SAME AS:** RLGN 3320.
- 3330 History of Modern China** **3 hrs. (3, 0)**
China from the 17th-20th centuries: dynastic, revolutionary, and post-revolutionary society and culture; China's 1990s post-Tiananmen Square decade of change.
- 3350 History and Culture of Japan** **3 hrs. (3, 0)**
Brief survey of earliest cultural and historical traditions. Focus on Japan in post-1600 Tokugawa, Meiji, pre- and post-World War II eras, and 1990s decade of change.
- 3370 General History of Latin America** **3 hrs. (3, 0)**
Pre-Colombian civilizations and the results of their clash with European cultures, formation of Latin American culture and character, past and present movements for political and economic independence, and the role of the United States in shaping the current socioeconomic situation.
- 3420 American Religious History** **3 hrs. (3, 0)**
Comprehensive survey of diverse American religious experiences in the past and present. A study of various historic forms of Christianity, Judaism, Eastern faiths, and indigenous American religions, as well as unifying religious forces, such as "civil religion." **SAME AS:** RLGN 3420.
- 3425 The History of Slavery in America, 1619-1865** **3 hrs. (3, 0)**
Examines the growth and development of the American slave system, from its introduction in colonial Virginia through its eventual demise during the Civil War. Topics will include the economic, social, and cultural rationales for slavery, its impact on American politics, and the everyday lives of the men and women who were part of the slave system.
- 3430 Antebellum America, 1828-1860** **3 hrs. (3, 0)**
Examines the period of American history between the election of Andrew Jackson and the coming of the Civil War. Topics will include the Market revolution, the growth of American reform movements, Jacksonian political parties, and the antebellum sectional crisis.
- 3440 Civil War and Reconstruction** **3 hrs. (3, 0)**
An examination of the coming of the Civil War, the major figures in the North and the South, issues related to the conduct of the war, and the reconstruction of the nation following its conclusion. **PREREQUISITE:** Upper-division standing.
- 3451 United States from the Gilded Age to 1945** **3 hrs. (3, 0)**
Focuses on the political, economic, social, psychological, and diplomatic influences that contributed to the United States emerging as the dominant world power in the 20th century. Particular emphasis is placed on the triple motivations — national security, economic health, and moral duty — that traditionally have driven American foreign policy. **PREREQUISITE:** Upper-division standing.
- 3452 United States from 1945 to the Present** **3 hrs. (3, 0)**
Focuses on U.S. history as the country emerged as the dominant power following World War II and faced a new struggle with the Soviet Union that became known as the Cold War. Particular attention will be given to the economic, geographic, and ideological threats — real and perceived — that influenced the decision-making process regarding foreign policy. Emphasis

will also be placed on topics such as the Baby Boom, Johnson's Great Society, Civil Rights, the Women's Movement, and efforts of other groups to gain recognition, economic cycles, and political events. **PREREQUISITE:** Upper-division standing.

- 3470 The American West** 3 hrs. (3, 0)
A comprehensive examination of the history of the American West from the Louisiana Purchase to present day. Introduces issues of American expansion and settlement, relations with Native Americans and other peoples of color, and patterns of economic and cultural interaction and conquest in the Trans-Mississippi region. **PREREQUISITE:** Upper-division standing.
- 3510 America at War, 1776 to the Present** 3 hrs. (3, 0)
Examines the impact of war on American military, political, social, and economic institutions from the Revolution through the War on Terror. This will include the development of what has been called an "American way of war," the role warfare has played in the development of the American political and legal system, and the interaction between warfare and broad American sociocultural development.
- 3520 History of the Vietnam War** 3 hrs. (3, 0)
Explores U.S. foreign policy toward Vietnam, the diplomatic history of the conflict, the deepening commitment of U.S. forces, the experiences of U.S. Armed Forces personnel, and the full-scale war waged in the country. This will include domestic responses to the war, particularly the massive protest movement that the war generated and its effect on politics in this country.
- 4030 History of the American Family** 3 hrs. (3, 0)
Explores the historical development of American families with changes in gender roles, sexuality, race, and life stages. This will include looking at the concepts of manhood, womanhood, and childhood over time and the changed meaning of the family, roles, and obligations of each member. Contemporary issues will include the definition of the family as well as the notions underpinning current conceptions of what a traditional family is.
- 4650 Advanced Readings and Research** 2-3 hrs. (2-3, 0)
Includes general reading and discussion covering the major or related field and intensive study of a specific subject in the major field. Area of study is defined by the student and instructor with departmental approval. **EXPECTATION:** 3.00 or higher cumulative GPA. Special consideration and consent may be given to students in other majors with 3.00 or higher GPAs in their major fields. **PREREQUISITE:** Upper-division standing.
- 4700 Methods of Teaching Social Studies** 2 hrs. (2, 0)
Offers guidance in the development of teaching methodology appropriate to the social sciences. Does not apply toward major or minor. **SAME AS:** SOCI/POSC/ECON 4700.
- 4800 Internship in Public History** 3 hrs. (3, 0)
Offers practical experience in an active public history setting, integrating classroom study, research, and discussion with mentor-guided hands-on work in the field.
- 4900 Historical Problems and Interpretations (American, European, Asian)** 4 hrs. (4, 0)
In-depth examination of specific problem areas and interpretations of history. In seminar context, issues dealt with in terms of specific areas of interpretation and illustration. **REPEAT:** May be repeated. Total credit not to exceed 12 hours.
- 4915 Honors Research** 1-3 hrs. (arranged)
Required for students who intend to graduate with departmental honors. Research project is designed and executed by the student in consultation with and under the direction of the instructor. **EXPECTATION:** Cumulative GPA of 3.00 or higher and a GPA of 3.50 or higher in courses counting toward the major. **PERMISSION:** Department chair. **PREREQUISITE:** Senior standing. **SAME AS:** POSC 4915.
- 4930 Senior Seminar** 1 hr. (1, 0)
Capstone course for the major. Students will integrate concepts, knowledge, skills, methods, approaches and practical experience from their major studies. **PREREQUISITE:** senior standing. **OFFERED:** spring semester. **SAME AS:** POSC 4930.

POSC COURSES

- 2020 Introduction to Politics** **3 hrs. (3, 0)**
Introduces students to the study of government and provides a broad overview of the discipline of political science. Examines the scope and methods of the study of politics and political systems, as well as a number of concepts of interest to political scientists, including power, democracy, ideology, and state institutions. **OFFERED:** Fall semester.
- 2100 American National Government** **3 hrs. (3, 0)**
An introductory study of national government in the United States. Examines the major institutions and processes of the American political system, including Constitutional design, federalism, public opinion, voting and elections, political parties, interest groups, Congress, the presidency, and the courts. **OFFERED:** Each semester.
- 2120 State and Local Government** **3 hrs. (3, 0)**
A comparative examination of the institutional structure, political processes, and public policies of state and local government systems. The functions of state and local government are examined in relation to the federal government. **OFFERED:** Spring semester of odd-numbered years. Formerly POSC 3181.
- 2250 Law, Politics, and Society** **3 hrs. (3, 0)**
Study of major domestic American issues through the perspective of the law. Focus on vocabulary, analysis, and methods of studying American law in areas such as civil rights, civil liberties, federalism, and the environment. Formerly POSC 2050.
- 2400 Political Science Research Methods** **3 hrs. (3, 0)**
Provides a foundation for reading and interpreting research done by political scientists, as well as doing research and writing in political science courses. Focuses on principles for research design and the collection, analysis, and presentation of data. **OFFERED:** Fall semester.
- 2440 Applied Statistics and Introduction to Research** **4 hrs. (4, 0)**
An examination of basic statistical techniques with emphasis on interpreting research literature, use and interpretation of appropriate computer software, and practical applications in social sciences. **PREREQUISITE:** Mathematics proficiency (see Liberal Arts Program section in this catalog). **SAME AS:** PSYC 2440.
- 2580 Principles of Geography** **3 hrs. (3, 0)**
Introduction to geography, emphasizing five major themes: the physical environment, natural resources, and agricultural pursuits; demographics, immigration, sequent occupation, and settlement patterns; the impact of natural and human-made disasters; cultural, economic and political development; the interaction between people of different cultures and environments. This course is required of all social studies secondary education majors. **SAME AS:** GLBL 2580.
- 2810 Campaign Internship** **1-4 hrs. (arranged)**
Placement on a local political campaign under professional supervision. Forty-five hours of field experience is required for each hour of credit. Open to non-majors. **PERMISSION:** Instructor. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **GRADE:** CR/NC registration. **OFFERED:** Fall semester of even-numbered years.
- 2840 Model United Nations** **1 hr. (1, 0)**
Maximizes the learning opportunities inherent in participation in Model United Nations. Students develop skills in diplomatic behavior and writing, conduct individualized research, and gain expertise related to their assigned countries. Requires participation in functions outside of the traditional classroom environment. Open to non-majors. **PERMISSION:** Instructor. **REPEAT:** May be repeated. Total credit not to exceed 3 hours. **OFFERED:** fall semester.

- 3010 History of Political Thought** **3 hrs. (3, 0)**
Examination of major works in the development of political thought from ancient Greece through the 20th century. Theorists studied include Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, and Mill. **PREREQUISITE:** Sophomore standing. **OFFERED:** Spring semester of even-numbered years. **SAME AS:** HIST/PHIL 3010.
- 3140 Political Behavior** **3 hrs. (3, 0)**
Studies American political values, attitudes, and beliefs, and the factors that influence their development; the role of public opinion in American democracy; and the structural, psychological, and sociological factors associated with participation in the political process. Topics include party identification, turnout, models of vote choice, and survey research methods. **PREREQUISITE:** Upper-division standing. **OFFERED:** Spring semester of odd-numbered years.
- 3150 American Political Parties** **3 hrs. (3, 0)**
An examination of the nature and functions of American political parties and their development during different historical periods. Topics include election outcomes, primaries and nominating systems, institutional and ideological change, and the dynamics of party realignment. **PREREQUISITE:** Upper-division standing. **OFFERED:** Spring semester of even-numbered years.
- 3211 The Congress** **3 hrs. (3, 0)**
Study of the Congress, focusing upon its organizational structure, processes, and political behavior of its members. Particular emphasis on representation, congressional elections, congressional committees, party leadership, House-Senate differences, and legislative processes. **PREREQUISITE:** Upper-division standing. **OFFERED:** Fall semester of odd-numbered years.
- 3212 The Presidency** **3 hrs. (3, 0)**
An examination of the selection, tenure, succession and leadership of the American chief executive. Topics include presidential elections, presidential power, and presidential relations with Congress, the bureaucracy, and the courts. **PREREQUISITE:** Upper-division standing. **OFFERED:** Fall semester of even-numbered years.
- 3250 Constitutional Law** **3 hrs. (3, 0)**
Survey of development of constitutional law through Supreme Court decisions. Topics include judicial review, federalism, the powers of Congress and the President, equal protection, and due process. **PREREQUISITE:** Upper-division standing. Formerly POSC 3100.
- 3300 International Politics** **3 hrs. (3, 0)**
Studies the major theories, concepts, and principles of international politics. Also examines current global problems and international institutions dealing with global stability, conflict resolution, economic relationships, and war. **PREREQUISITE:** Upper-division standing. **OFFERED:** Fall semester.
- 3310 Security and Peace Studies** **3 hrs. (3, 0)**
Examines specific issues in international affairs and human security with an emphasis on conflict case studies since the end of the Cold War. Also studies the relationship between faith, morality, and the ethical conduct of foreign policy. **PREREQUISITE:** Upper-division standing. **OFFERED:** Spring semester of odd-numbered years.
- 3330 American Foreign Policy** **3 hrs. (3, 0)**
Study of the formulation and execution of foreign policy in the United States, together with an examination of the substantive issues and perspectives of American foreign policy since World War II. **PREREQUISITE:** Upper-division standing. **OFFERED:** Fall semester of even-numbered years.
- 3400 Comparative Politics** **3 hrs. (3, 0)**
Comparative analysis of political institutions and dynamics of selected democratic and nondemocratic systems. **PREREQUISITE:** Upper-division standing. **OFFERED:** Fall semester of odd-numbered years.

- 3420 Issues in Contemporary Democracy** 3 hrs. (3, 0)
Examines key theoretical concepts from the fields of comparative politics and current policy problems in established democracies. Topics include the role of the state, social capital, poverty, the role of the media, confidence in government and societal participation, the impact of technology on political culture, and economic interdependence. **PREREQUISITE:** Upper-division standing. **OFFERED:** Spring semester of even-numbered years.
- 3510 Global Political Economy** 3 hrs. (3, 0)
Introduces students to the systematic analysis of interactions between the economy and political systems. Covers the major theories related to political economy; key institutions of the global economic system; global monetary and trade relations; multinational corporations; issues of development; and the globalization of labor, technology, and energy. Particular emphasis is placed on understanding contemporary issues facing the global economy. **PREREQUISITE:** Upper-division standing; POSC 3300 or both ECON 2010 and POSC 2020. **OFFERED:** Spring semester of odd-numbered years.
- 3520 Globalization and the Developing World** 3 hrs. (3, 0)
Investigates the theories and policies related to foreign aid, economic growth, globalization, and the work of international organizations and NGOs. Also examines concepts such as colonialism, human rights, state and nation-building, infrastructure, and global capital flows. **PREREQUISITE:** Upper-division standing; POSC 3300 or both ECON 2010 and POSC 2020. **OFFERED:** Spring semester of even-numbered years.
- 4650 Advanced Readings and Research** 1-4 hrs. (arranged)
Intensive study of a subject in the field of political science not specifically covered by other courses. Area of study is defined by the student and instructor with departmental approval. **EXPECTATION:** cumulative GPA of 3.00 or higher. **CONSENT:** Department chair and instructor. **PREREQUISITE:** Upper-division standing; at least 18 hours of political science coursework. **REPEAT:** May be repeated. Total credit not to exceed 4 hours.
- 4700 Methods of Teaching Social Studies** 2 hrs. (2, 0)
Offers guidance in the development of teaching methodology appropriate to the social sciences. Does not apply to the political science or political science-economics majors or the political science minor. **SAME AS:** HIST/SOCI/ECON 4700.
- 4800 Government Internship** 1-4 hrs. (arranged)
Placement in a government agency or party organization under professional supervision. Forty-five hours of field experience is required for each hour of credit. **CONSENT:** Instructor. **PREREQUISITE:** Upper-division standing; at least 18 hours of political science coursework. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **GRADE:** CR/NC registration. **OFFERED:** Each semester and summers.
- 4810 Legal Internship** 1-4 hrs. (arranged)
Placement in a legal setting under professional supervision. Forty-five hours of field experience is required for each hour of credit. Open to non-majors. **CONSENT:** Instructor. **PREREQUISITE:** upper-division standing. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **GRADE:** CR/NC registration. **OFFERED:** Each semester and summers.
- 4915 Honors Research** 3 hrs. (arranged)
Required for students who intend to graduate with departmental honors. Research project is designed and executed by the student in consultation with and under the direction of the instructor. **EXPECTATION:** Cumulative GPA of 3.00 or higher and a GPA of 3.50 or higher in courses counting toward the major. **PERMISSION:** Department chair. **PREREQUISITE:** Senior standing. **SAME AS:** HIST 4915. **OFFERED:** Fall semester.
- 4930 Senior Seminar** 1 hr. (1, 0)
Capstone course for the major. Students will integrate concepts, knowledge, skills, methods, approaches, and practical experience from their major studies. **PREREQUISITE:** Senior standing. **OFFERED:** Spring semester. **SAME AS:** HIST 4930.

Honors Program

Dr. Lyle-Ippolito and Dr. Murphy, co-chairs; Dr. Holmes, Dr. Ippolito, Ms. Knowles, Dr. Mac Murray, Dr. Radaker, Dr. Reedy-Strother, Dr. Rogers, Dr. Strege

The Honors Program at Anderson University is devoted to fostering within its honors scholars a passionate dedication to intellectual inquiry and spiritual development so they may serve as leaders in their professions and in their communities. Within this context, our scholars will be challenged to cultivate the life of the spirit, maturing in the Christian virtues of integrity, justice, and generosity.

The program provides a series of small, discussion-based, interdisciplinary courses that satisfy liberal arts program requirements. These courses, as well as close interaction with faculty and peers, offer intellectually challenging experiences that will stimulate and refine the skills of clear expression, acute analysis, critical thinking, and imaginative problem-solving. In the freshman and sophomore years of the Honors Program, scholars will participate in four integrative courses, designed to enrich understanding of the humanities while creating a small community of learners dedicated to Christian scholarship. In their third and fourth years, honors scholars may pursue opportunities for international study and travel, service to the church and community, and independent study in partnership with faculty mentors. Upon completion of this four-year program, honors scholars will receive special recognition at commencement and on their transcript.

Enrollment in the Honors Program curriculum is by invitation to students who have successfully completed the Honors Program application and selection process.

Each course in the Honors Program satisfies at least one of the component requirements of the liberal arts program, as listed below:

- HNRS 2110 fulfills Section II A and Rhetoric and Research requirements
- HNRS 2125 fulfills 1 course of V D requirements
- HNRS 3311 fulfills Section II B and Advanced Writing Competency/Writing Intensive requirements
- HNRS 2210 fulfills Section IV A requirements
- HNRS 3222 fulfills Section III B (appreciation only) requirements
- HNRS 3221 fulfills Section II C requirements
- HNRS 3325 fulfills I B requirements

Students enrolled in the Honors Program are exempt from taking LART 1050.

HNRS COURSES

2110	The Scholar in the Academy: War and Peace in the Western Tradition	5 hrs. (5, 0)
	Focuses on historical investigation and writing on a common theme.	
2125	The Scholar as Servant Leader	2 hrs. (2, 0)
	Through readings, research, guest speakers, and leadership projects, students will learn a deeper meaning and personal application of leadership theory and Christ's teachings as the role of servant leader.	
2210	Scientific Discoveries and Paradigm Shifts	4 hrs. (3, 2)
	Examines the nature of science, the history and philosophy of science, and the experiential, hands-on practice of science.	
3311	Justice and the Good Society	3 hrs. (3, 0)
	Investigates societal structures and concepts of justice arising from such structures.	
3321	The Scholar as Citizen of the World: Traditionalism and Globalization	3 hrs. (3, 0)
	Examines the bridges and barriers among various cultures of the world through a historical analysis.	

- 3222 The Scholar and the Arts: Perspectives on Global Culture** **2 hrs.**
Through reading, discussion, writing, and consideration of the arts in various cultures, this course will help students to understand the role of the aesthetic in the formation of individuals and societies.
- 3325 Christ and Culture** **3 hrs. (2, 0)**
This course is organized as a seminar in historical theology that considers the various relationships between Christians and their culture. Readings in primary and secondary sources, as well as journal articles, will inform seminar discussions.
- 4910 Honors Senior Seminar I** **1 hr. (1, 0)**
Honors scholars will develop and complete an original research project under the direction of an academic mentor.

Intercultural Studies Complementary Major

The Intercultural Studies complementary major is an interdisciplinary course of study integrating methodologies and perspectives from such disciplines as cultural anthropology, sociology, religion, linguistics, and psychology. This course of study will provide students with the knowledge and skills essential to living and working in an increasingly diverse and culturally connected world. The program is individually structured and builds on a primary catalog major. In addition to the required core courses, other courses are selected to focus on a thematic or a regional studies concentration. Students with interests in such areas as business, health care, social work, teaching, ministry, missions, and community development can formulate a program of study designed to support their academic and career objectives.

The development of this course of study will involve the active collaboration of the director of international and intercultural studies, the student, and a faculty advisor in the primary field of study. Students must obtain approval from the director of international and intercultural studies before embarking on this course of study.

INTERCULTURAL STUDIES COMPLEMENTARY MAJOR (30 HOURS)

- 15-17 hours from core courses INCS 2550, INCS 3850, INCS 4800, COMM 3110 and SOCI 3400.
- Remaining hours from related courses intended to complement the student's academic and career objectives. Courses must be approved by the director of international and intercultural studies.
- Students are strongly encouraged to incorporate a study abroad or international/intercultural experience in the major.

INCS COURSES

- 2000 Comparative Values** **1-4 hrs. (arranged)**
Introduction to values and valuing, including philosophical, theological, sociological and psychological considerations. Usually integrally related to preparation and involvement in an international or intercultural experience where comparative values are empirically assessed.
- 2200 Cross-Cultural Encounter** **1 hr. (arranged)**
An international or intercultural experience of at least two weeks' duration that includes a deliberate attempt to understand and apply principles related to intercultural studies.

- 2550 Intercultural Competence** **3 hrs.**
This course introduces students to the theories and concepts of intercultural competence and the literature related to this field of study. Coursework will focus an interdisciplinary approach to the study of culture, developmental and experiential learning theory, and methods for culture learning. Students will also become familiar with intercultural competence assessment theory and practice as it relates to guided development in intercultural competence.
SAME AS: GOBL 2550. **OFFERED:** Every other fall semester.
- 3000 Ideas in Action: Humanities** **1-6 hrs. (arranged)**
Intense study abroad of theories of man and society and their influence on our lives from the disciplines of art, music, literature, drama, language, philosophy, and other humanities.
- 3100 Action Research: Social Science** **1-6 hrs. (arranged)**
Research abroad designed to scientifically consider hypotheses related to sociology, psychology, business, economics, government, and other social sciences.
- 3200 Concept and Commitment: Religion** **1-6 hrs. (arranged)**
Consideration of basic concepts and commitments foundational to theology, Bible, missions, Christian education, church history, and other religious studies in an intercultural context.
- 3650 Directed Individual Study** **1-4 hrs. (arranged)**
This course is designed to provide students with an opportunity to pursue an individualized course of study in the area of intercultural studies. The course will involve intensive study, research, writing, and/or the development of a major project.
- 3850 Practicum in Service Experience** **1-4 hrs. (arranged)**
Participation in an intercultural service/learning experience. This course is generally offered in conjunction with a Tri-S program.
- 4800 Intercultural Studies Internship** **1-6 hrs. (arranged)**
Intensive course of study, research, and/or practical experience designed to integrate concepts, knowledge, and skills in an intercultural context.

Kinesiology

Dr. D.L. Jones chair; Prof. Chastain, Prof. Crosby, Dr. Merckx, Dr. F.L. Miller, Prof. Risinger, Dr. J.R. Scott, Dr. Seelbach; Instructors: Boyd, Downey, S. Fridley, S. Hammel, Handy, Dr. J.W. Jones, Ladner, T.R. Miller, Myhre, Pressley, Taylor, S.D. Wilson

The Department of Kinesiology offers three majors designed to prepare students to enter careers, vocations, or service: athletic training, exercise science, and teaching health and physical education. Three non-teaching minors are available: athletic coaching, nutrition, and physical education. There is one teaching minor: health education. Additionally, the department offers activity courses designed to provide instruction in fundamental skills in selected sports and activities.

ATHLETIC TRAINING

Athletic training is offered to students interested in working with prevention, recognition and immediate care, rehabilitation, health-care management, and professional development in a sports medicine environment. Students have the opportunity to gain clinical experience in a wide variety of athletic training settings. The athletic training education program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE), which allows students to work directly toward Board of Certification (BOC) certification and state licensure.

Enrollment in the athletic training education program is limited and has a competitive application process. To apply for admission, students must pass ATRG 1460, 1490, 1500, and 1590 with a grade of B- or better and have at least 100 clinical observation hours. Students must also complete BIOL 2410 and 2420 and achieve a C or better. Students must be able to meet the technical standards set forth by the athletic training education program. At the time of acceptance into the program, students must sign a declaration of knowledge of these technical standards. Technical standards requirements are published in the Athletic Training Student Handbook. To qualify to take the BOC certification examination, students must have successfully completed the requirements of the athletic training education program. Once admitted, the student will be permitted to begin coursework in the athletic training curriculum. As long as satisfactory progress is being made, the student will be permitted to move to the following semester. If progress is unsatisfactory, the student will be placed on probation. Students on probation may be prohibited from participating in clinical experiences as determined by the athletic training education committee. Satisfactory progress includes:

1. Maintaining a 2.50 GPA in the major.
2. Maintaining a 2.0 cumulative GPA.
3. Achieving a grade of C or better in each major course.
4. Performing satisfactory in the clinical setting as noted on clinical course syllabi.
5. Adhering to all policies and procedures contained in the Athletic Training Student Handbook.
6. Maintaining up-to-date health status requirements.

Students falling short in areas 5 and 6 above will be required to address those deficiencies immediately. Students falling short in one or more of the areas 1-4 as outlined above will have a minimum of one semester and a maximum of two semesters to correct their deficiencies. Students must then appeal to the Athletic Training Education Committee for reinstatement. Individuals who fail to correct deficiencies within two semesters or are otherwise denied appeal will not be permitted to continue in major coursework and clinical experiences. Furthermore, if a student is admitted into the athletic training education program on probationary status, the student must meet the requirements for retention in the program as indicated in the acceptance letter by the conclusion of

the following semester (conclusion of the first semester in the program, usually the fall semester). If the student fails to meet the probationary admission requirements, the student will be withdrawn from the athletic training education program and must follow the above procedures to seek reinstatement.

The Athletic Training Education Program at Anderson University will accept transfer students as long as they meet the program admission requirements listed above. The level the student is placed in the athletic training education program depends on competencies and proficiencies completed at the previous institution and the student's ability to demonstrate mastery of specific competencies and proficiencies. Please contact the Athletic Training Education Program director about your particular situation. Transfer students must also meet Anderson University's requirements for admission (see the Admissions section in this catalog).

All athletic training students admitted into the Athletic Training Education Program will incur travel costs required for off-campus clinical rotations and other related expenses (i.e., uniform requirements). Athletic training students who are also athletes will be allowed to participate in one sport each academic year and may be required to complete an additional semester to fulfill the requirements for all clinical rotations. Furthermore, students who are also athletes will not be allowed to participate in their sport and engage in clinical experiences simultaneously.

For up-to-date information regarding the Athletic Training Education Program, please refer to the athletic training website at www.anderson.edu/academics/athletic-training, consult the Athletic Training Student Handbook, or contact the Athletic Training Education Program director.

ATHLETIC TRAINING MAJOR (60 hours)

- PSYC 2000
- BIOL 2410, 2420
- ATRG 1460, 1490, 1500, 1530, 1590, 2200, 2220, 2400, 2420, 2440, 2540, 3400, 3440, 3450, 3550, 4400, 4460, 4550, 4910
- EXSC 2580, 3470, 3520

EXERCISE SCIENCE

The exercise science major provides classroom, laboratory, and practical experiences for students interested in the application of scientific principles to various aspects of human performance and health. Exercise science majors are prepared for employment in a wide variety of settings including corporate fitness, cardiac rehab, personal training, YMCA/YWCA's, health/wellness coordinators, community health centers, senior adult fitness programs, as well as an assortment of positions involving aerobics, aquatics, strength and conditioning, sales, marketing, and occupational safety. Exercise science also provides excellent pre-professional preparation for students wishing to pursue graduate degrees in exercise physiology, kinesiology, biomechanics, nutrition, public health, physical therapy, occupational therapy, and physician assistant.

EXERCISE SCIENCE MAJOR (49 hours)

- BIOL 2410, 2420
- CHEM 1000
- PSYC 2000
- PEHS 1060, 1450, 2100
- EXSC 1360, 2440, 2451, 2452, 2580, 3470, 3520, 4010, 4150, 4160, 4800, 4920
- Pre-professional exercise science majors are advised to complete the following additional courses:
 - CHEM 2110, 2210 in lieu of CHEM 1000
 - MATH 2120 or PSYC 2440
 - PHYS 2240, 2250
 - PSYC 2510, 3120, 4140

NUTRITION MINOR (16 hours)

The nutrition minor is an ideal minor to accompany majors within the Department of Kinesiology and other science majors at Anderson University. The minor is designed to provide a sound background in nutrition but without courses that stress clinical chemistry and dietetics. A minor in nutrition is an excellent choice for students who wish to enter the fitness, medical, health, and human services-related professions. It will strengthen the academic component of coursework in these fields and contribute to students becoming more effective practitioners.

- BIOL 2140
- EXSC 2580, 3100, 3200, 3300

ATHLETIC COACHING

The athletic coaching minor is a non-teaching program that offers students the opportunity to learn requisite skills to become coaches in a youth-sport setting.

ATHLETIC COACHING MINOR (15 hours)

- Coaching core (8-9 hours):
 - PEHS 1450 or ATRG 1460
 - ATRG 1530
 - PEHS 2340 or 3340
 - 1 hour from PEHS 1200 and one hour from any coaching theory class (PEHS 3030, 3050, 3060, 3070, 3080)
- Elective classes (6-7 hours):
 - PEHS 1060, 2020, 2040, 2260, 2340, 3030, 3050, 3060, 3070, 3080, 3340, 3410, 4850
 - When offered, selected PEHS 2600 classes may apply
 - ATRG 1490 or PEHS 1550
 - EXSC 2580
 - PETE 1350 or 2350

Students can count only 1 hour of PEHS 1200 credit for the minor.

Students can count only 1 hour of PEHS 2260 credit for the minor.

PHYSICAL EDUCATION (NON-TEACHING)

The physical education minor is a non-teaching program designed for students who wish to supplement another major with a background in physical education. May be of interest to students planning to work in recreation or youth ministry positions.

PHYSICAL EDUCATION MINOR (16 hours)

- All courses must have a PEHS or PETE caption
- Students can count 4 hours of activity courses for the minor.*

PHYSICAL EDUCATION (K-12) TEACHING

The physical education (K-12) teaching major prepares students to teach physical education at any grade level from kindergarten through grade twelve, as well as adapted physical education. Students experience a wide range of classroom, activity, and laboratory courses aimed at helping them acquire knowledge, skills, and attitudes that will enable them to be successful in a public or private school setting. Through methods classes, students will learn pedagogical skills that they will apply in a series of practicum opportunities in the schools.

To meet teacher licensing standards, students must complete both the physical education requirements listed below and requirements in the School of Education (see School of Education

section in this catalog). GPA requirements include earning an overall 2.60 GPA or higher by the end of the second year in the program and an overall 2.75 GPA or higher prior to student teaching. PETE majors who do not meet the GPA requirements or who do not pass Praxis I will not be allowed to register for EDUC 3000 and above classes and PETE 4000 and above classes. Further, students are encouraged to take a health education minor to add a health certification to their teaching license. Students are required to model a physically active lifestyle and complete fitness tests in each year of the program. Following successful completion of this program, students may apply for teaching licenses from the state of their choice.

PHYSICAL EDUCATION (K-12) TEACHING MAJOR (49 hours)

- BIOL 2410, 2420
- PETE 1170, 1300, 1350, 2250, 2350, 2380, 3350, 3710, 3720, 3750, 4260, 4300, 4900
- EXSC 3470, 3520

HEALTH EDUCATION MINOR (15-18 hours)

Students who are earning a primary teaching certification in physical education can add a second teaching certification in health. To do so, a student can earn a health education minor by taking the courses listed below, which meet the national standards for health education. Students must also pass the Praxis II examination in health and do a portion of their student teaching experience in a health classroom.

- PEHS 1450 or ATRG 1460
- PEHS 2100, 3100, 3490, 4860
- One class from the following electives: ATRG 2220, BIOL 2040, EXSC 2440, EXSC 2580, EXSC 3100, PETE 2250, SOCI 2020

ACTIVITY PROGRAM

The activity program provides instruction in fundamental skills in each sport or activity offered. The aim is to encourage individuals to develop the skills, strategies, and knowledge to participate at a recreational level. This program fosters personal enrichment of body, mind, and spirit through participation in physical activity.

Activity classes are offered in different formats. Some are taught daily in a six-week block. Others are taught two or three days a week for a semester. Some classes require a fee, which is charged to students' accounts at the beginning of the semester. Students are encouraged to bring and use their own sports equipment.

An intramural/recreational program provides additional opportunities for regular physical activities. Swimming activities are offered in the natatorium. The weight room is open for recreational use during scheduled hours.

PEHS COURSES

LIBERAL ARTS OPTION (PEHS)

1000 Fitness and Leisure for Life

2 hrs. (1, 2)

Provides a base upon which students may build healthy bodies through understanding of and participation in fitness/leisure activities. Surveys key fitness/wellness concepts in lecture portion of class.

ACTIVITY PROGRAM (PEHS)

1050	Bowling	1 hr. (0, 2)
	EXPECTATION: Fee required.	
1060	Weight Training	1 hr. (0, 2)
1100	Beginning Swimming	1 hr. (0, 2)
1120	Golf	1 hr. (0, 2)
	NOTE: Six week class only; meets daily.	
1130	Scuba	1 hr. (0, 2)
	EXPECTATION: Fee required. GRADE: CR/NC registration.	
1150	Badminton	1 hr. (0, 2)
	NOTE: Six week class only; meets daily.	
1190	Mind-Body Fitness	1 hr. (0, 2)
	Provides opportunity to experience yoga-like stretches and poses while learning deep-breathing relaxation techniques and centering activities.	
1200	Co-Curricular Activity	1 hr. (0, 2)
	Provides academic credit for participation in intercollegiate sports activities, including cheerleading. Credit must be taken in primary semester of competition. Does not count toward PEHS major or minor. REPEAT: May be repeated in a different activity only. Total credit not to exceed 2 hours. GRADE: CR/NC registration.	
1220	Tennis	1 hr. (0, 2)
	NOTE: Six week class only; meets daily.	
2000	Intermediate Swimming	1 hr. (0, 2)
2020	American Red Cross Life Guarding	1 hr. (0, 2)
	Provides instruction in American Red Cross life guarding program which can lead to ARC certification. EXPECTATION: Swimming proficiency at ARC Level VII.	
2040	Water Safety Instructor	1 hr. (0, 2)
	Provides instruction in American Red Cross water safety program which can lead to ARC certification. EXPECTATION: Swimming proficiency at ARC Level VII.	

GENERAL EDUCATION ELECTIVES (PEHS)

1450	First Aid	2 hrs. (2, 1)
	Students earn American Red Cross Responding to Emergencies certification upon successful completion (includes first aid, community CPR and AED). Credit may not be earned in both PEHS 1450 and ATRG 1460.	
1550	Prevention and Care of Athletic Injuries	2 hrs. (2, 1)
	Overviews the common injuries that occur as a result of participation in athletics and physical activities. Introduces procedures and techniques in the prevention and care of athletic injuries. Reviews the role of the coach and teacher in the care of injuries. NOTE: Intended for non-athletic training majors.	
2100	Health Concepts I	2 hrs. (2, 0)
	Examines nutrition, nutritional choices, myths, and misconceptions about diet. Examines appropriate and inappropriate use of drugs and other chemical substances, including alcohol, tobacco, over-the-counter, and prescription drugs.	
2260	Advanced Conditioning for Sports Performance	1 hr. (0, 3)
	Provides instruction in and supervision of planned, ongoing exercises and training regimens (strength, anaerobic, and aerobic) for the purpose of sports performance enhancement. Open to all students. REPEAT: May be repeated. Total credit not to exceed 4 hours. GRADE: CR/NC registration. NOTE: Weeks and days the class meets varies by section and semester.	

- 2340 Psychology of Coaching** **2 hrs. (2, 0)**
 Applies scientific principles to coaching at different levels of competition. Discusses motivation, personality differences, communication, and effect of winning and losing. **OFFERED:** 2014-15.
- 3030 Techniques of Coaching Volleyball** **1 hr. (1, 1)**
OFFERED: 2014-15.
- 3050 Techniques of Coaching Football** **1 hr. (1, 1)**
- 3060 Techniques of Coaching Track** **1 hr. (1, 1)**
OFFERED: 2014-15.
- 3070 Techniques of Coaching Basketball** **1 hr. (1, 1)**
OFFERED: 2014-15..
- 3080 Techniques of Coaching Baseball** **1 hr. (1, 1)**
OFFERED: 2014-15.
- 3100 Health Concepts II** **3 hrs. (3, 0)**
 Examines the prevalence and types of disease. Discusses prevention and treatment of common diseases. Examines stress, good and harmful. Discusses coping behaviors. Examines human sexuality, including gender identity and roles, behavioral choices and their consequences. Examines the healthy and natural process of death/dying. Discusses sociological, emotional, and spiritual aspects of end-of-life issues. **OFFERED:** 2014-15.
- 3340 Sociology of Sport** **3 hrs. (3, 0)**
 Examines sports and its part in the lives of people, communities, and our society. Encourages students to ask critical questions regarding how sports impact the world in which we live. Investigates the influence of sports on children, gender, race, social class, media, the economy, and religion.
- 3410 Athletic Administration** **2 hrs. (2, 0)**
 Develops skills in the organization and administration of interscholastic athletics, including philosophy, scheduling, budget, equipment care, awards, legal aspects, and facilities.
- 3490 School Health Organization** **3 hrs. (3, 0)**
 Develops skills in the organization and management of health programs in the school, including classroom, school health services, and related community-based health services. **OFFERED:** 2014-15.
- 4850 Practicum in Physical Education or Sport** **1-4 hrs. (arranged)**
 Provides opportunity for independent work or field experience in settings like camps, agencies, city parks and recreation, or other physical activity locations. **EXPECTATION:** Played on a high school or college athletic team at the varsity level. **REPEAT:** May be repeated for a total of 8 hours. **REGISTRATION:** C/NC.
- 4860 Practicum in Health** **1-4 hrs. (arranged)**
 Provides opportunity for independent work or field experience in teaching health in area schools. **EXPECTATION:** Must be accepted into teacher education. **REPEAT:** May be repeated for a total of 8 hours. **PRE/COREQUISITE:** PEHS 3100 or PEHS 3490. **REGISTRATION:** C/NC.

ATRG COURSES (ATHLETIC TRAINING PROFESSIONAL PROGRAM)

- 1460 Emergency Response** **2 hrs. (2, 1)**
 Prepares students to earn American Red Cross certification in first aid, CPR for the professional rescuer, and AED upon successful completion of the course. Splinting, spine boarding, and wound care are covered in the lab portion of the course. Credit may not be earned in both PEHS 1450 and ATRG 1460. **NOTE:** Intended for prospective athletic training majors only.

- 1490 Athletic Training** **2 hrs. (2, 1)**
Introduces the athletic training profession. Examines relationship of athletic trainers in the management and care of injuries and their role as professional allied health-care practitioners. Includes an overview of the following topics: injury evaluation process, athletic equipment, environmental considerations, therapeutic modalities, and therapeutic exercise. **NOTE:** Intended for prospective athletic training majors only.
- 1500 Clinical Experience in Athletic Training I** **1 hr. (0, 1)**
Guides experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries. **PREREQUISITE:** ATRG 1460, 1490; athletic training major.
- 1530 Theory of Conditioning of Athletes** **2 hrs. (2, 0)**
Investigates the physiological background, techniques/methods, and precautions of conditioning athletes. Analyzes nutrition, ergogenic aids, gender, age, and climatic issues.
- 1590 Advanced Athletic Training** **2 hrs. (2, 1)**
Builds on information gained in ATRG 1490. Includes prevention, evaluation, and treatment of athletic-related injuries. Emphasis given to basic anatomy and injury assessment of the extremities, head, and spine. **PREREQUISITE:** ATRG 1460, 1490; athletic training major.
- 2200 Psycho-Social Aspects of Sport** **2 hrs. (2, 1)**
Athletic trainers must be able to recognize and appropriately refer athletes and physically active people related to their psychological and sociological well-being. Emphasis will be placed on the psychological/sociological principles as they apply to athletic participation, burnout, injury treatment and rehabilitation compliance, the use of PED's, body image dysmorphia, and eating disorders.
- 2220 Pharmacological and Ergogenic Aids in Sport** **3 hrs. (3, 1)**
Performance enhancing drugs (PED's) are increasingly becoming a significant discussion in sport at all levels of participation. Likewise, the use and abuse of prescription medication and illegal drugs is on the rise among all groups including athletes and physically active individuals. Students will be prepared for understanding the basic concepts of pharmacology and ergogenic aids/PED's, as well as be able to identify the signs of their use/misuse.
- 2400 Clinical Experiences in Athletic Training — Lower Extremity** **1 hr. (0, 1)**
Students will have guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries related to activities with high incidence of lower extremity injuries. Students will be tested throughout this course in both real-time and practice settings. **PREREQUISITE:** ATRG 2420; athletic training major in good standing.
- 2420 Therapeutic Modalities** **3 hrs. (2, 1)**
Introduces students to common therapeutic modalities and their use in sports medicine. Includes the application of physics and biophysics to each modality considering effects, application techniques, indications, and contraindications. Emphasizes safety during instruction and laboratory experiences. **PREREQUISITE:** ATRG 1500, 1590; athletic training major in good standing.
- 2440 Lower Body Joint and Extremity Assessment** **2 hrs. (0, 2)**
Examines techniques and procedures for clinical evaluation of common athletic injuries, emphasizing major joint structures. Incorporates appropriate examination techniques and procedures into an effective, systematic clinical evaluation of the lower body. **PREREQUISITE:** ATRG 1500, 1590; athletic training major in good standing.
- 2540 Upper Body Joint and Extremity Assessment** **2 hrs. (0, 2)**
Examines techniques and procedures for clinical evaluation of common athletic injuries, emphasizing major joint structures. Incorporates appropriate examination techniques and procedures into an effective, systematic clinical evaluation of the upper body. **PREREQUISITE:** ATRG 2440; athletic training major in good standing.

- 3400 Clinical Experiences in Athletic Training — Upper Extremity** 1 hr. (0, 1)
Guides experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries. **PREREQUISITE:** ATRG 2540; athletic training major in good standing.
- 3440 Therapeutic Rehabilitation** 3 hrs. (2, 2)
Students will have guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries related to activities with high incidence of upper extremity injuries. Students will be tested throughout this course in both real-time and practice settings. **PREREQUISITE:** ATRG 2420, 2540; athletic training major in good standing.
- 3450 Medical Issues in Athletic Training I** 2 hrs. (2, 0)
Examines advanced topics in sports medicine, including anatomy, pathology, recognition, evaluation, management, and emergent treatment of general medical illnesses and conditions involved in an athletic health-care environment. Special topics include environmental-related illness, administration of preparticipation physical examinations, and athletic health care for special populations (aging athletes, female athletes, etc.). **PREREQUISITE:** ATRG 2420, 2540; BIOL 2410, 2420; athletic training major in good standing.
- 3500 Clinical Experiences in Athletic Training — Adolescent Athlete** 1 hr. (0, 1)
Students will have guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries related to activities with high incidence of injury, and illness of adolescent athletes. Students will be tested throughout this course in both real-time and practice settings. This experience will be entirely off-campus.
- 3550 Medical Issues in Athletic Training II** 2 hrs. (2, 0)
Examines advanced medical issues concerning anatomy, kinesiology, pathology, recognition, evaluation, management, and emergent treatment of specific injuries and conditions involved in an athletic health-care environment. Includes an introduction to pharmacology. **PREREQUISITE:** ATRG 3450; athletic training major in good standing.
- 4400 Clinical Experiences in Athletic Training — Equipment Intensive Sport** 1 hr. (0, 1)
Students will have guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries related to activities with high incidence of injury, that also have heavy equipment requirements. Students will be tested throughout this course in both real-time and practice settings.
- 4460 Administration of Athletic Training** 3 hrs. (3, 0)
Develops skills in the organization and administration of an athletic training/sports medicine program including philosophy, budget, facilities, equipment, insurance, legal aspects, records, employment, personnel, and structure of the National Athletic Trainers Association. **PREREQUISITE:** Athletic training major in good standing; senior standing.
- 4550 Research in Athletic Training — Research in Athletic Training** 1 hr. (2, 0)
The need for quality evidence-based practice is growing in all allied health profession. Student athletic trainers must be prepared to understand and utilize the evidence related to all aspects of athletic training. Likewise, students must learn how to add to the body of knowledge within athletic training. This course will discuss a variety of research methods including both qualitative and quantitative as they relate to athletic training and health care. Students will complete a case study and begin a year-long independent research project.
- 4850 Practicum in Athletic Training** 1-4 hrs. (0, 4)
Provides opportunity for independent work or field experiences in the sports medicine field. **PREREQUISITE:** Athletic training major in good standing. **REPEAT:** May be repeated for a total of 8 hours. **REGISTRATION:** C/NC.
- 4910 Seminar in Athletic Training** 2 hrs. (2, 0)
Overviews research methodology in athletic training. Prepares students for the BOC examination and entry into the profession. Capstone course in athletic training. Selected topics of current interest in sports medicine. Requires the development and presentation of an independent research project. **PREREQUISITE:** Athletic training major in good standing; senior standing.

EXSC COURSES (EXERCISE SCIENCE PROFESSIONAL PROGRAM)

- 1360 Introduction to Exercise Science** 2 hrs. (2, 0)
Explores the discipline and subdisciplines represented within exercise science. Examination of the historical and cultural aspects of exercise science as well as current trends and future developments, including professional development and certification.
- 2440 Stress Management** 2 hrs. (2, 1)
Investigates stressors in the personal, work, and social environments and the interconnectedness of health and stress. Discusses the physiological aspects of the stress response. Explores various coping strategies for stress management. **PREREQUISITE:** Sophomore standing.
- 2451 Foundations for Exercise Leadership I** 1 hr. (1, 1)
Emphasizes fundamentals necessary to design safe and appropriate cardiovascular and strength training programs for personal training clients based on exercise prescription principles. Develops applicable teaching methodology in various activity and lecture situations. **PREREQUISITE:** Sophomore standing.
- 2452 Foundations for Exercise Leadership II** 1 hr. (1, 1)
Introduces a continuation of fundamentals necessary to lead effective group exercise activities based on exercise prescription applications. Applies teaching methodology in various activity and lecture situations. **PREREQUISITE:** EXSC 2451.
- 2580 Sports Nutrition** 3 hrs. (2, 1)
Explores principles of nutrition as they relate to athletes and athletic competition, including the role of athletic trainers and coaches in implementing sound sports nutrition programs to promote optimal health and performance for athletes. Includes topics such as pre-event and post-event meal planning, nutritional assessment, nutritional counseling, carbohydrate loading, electrolyte drinks, ergogenic aids, protein and vitamin supplementation, recognition of eating disorders, and physiological aspects of nutrition as they relate to athletic competition.
- 3100 Eating Disorders** 3 hrs. (3, 0)
Analysis of factors involved in etiology, assessment, medical consequences, treatment, and prevention of eating disorders.
- 3200 Nutrition in the Life Cycle** 3 hrs. (3, 0)
Addresses specific nutritional needs at various stages of the human life cycle: lactation, infancy, childhood, adolescence, and adulthood including old age. The most common nutritional concerns, their relationship to food choices and health status, and strategies to enhance well-being at each stage of the life cycle are emphasized. **PREREQUISITE:** BIOL 2140 or EXSC 2580.
- 3300 Health Implications of Obesity** 3 hrs. (3, 0)
Study of obesity and being overweight with special emphasis on diet, nutrition, and exercise. Modes of prevention and treatment will also be discussed. **PREREQUISITE:** BIOL 2140 or EXSC 2580.
- 3470 Physiology of Exercise** 4 hrs. (3, 2)
Studies physiological changes in the human organism as a result of physical exercise, including immediate and chronic responses of the body to exercise, physiological limitations to exercise, and limitations of present physiological knowledge for total understanding of exercise response. Practical applications of physiology to coaching and teaching. **PREREQUISITE:** BIOL 2420.
- 3520 Kinesiology** 4 hrs. (3, 2)
Examines the scientific principles basic to human motion: both anatomical and biomechanical. Includes a laboratory experience. **PREREQUISITE:** BIOL 2410.
- 4010 Advanced Resistance Training and Conditioning** 3 hrs. (3, 0)
Analyzes advanced principles of skeletal muscle physiology and bioenergetics in the application of strength training and conditioning programs designed for athletes and recreational exercisers. **PREREQUISITE:** EXSC 3470.

- 4150 Exercise Testing and Prescription** 4 hrs. (3, 2)
Provides an in-depth study of the theoretical basis and applied knowledge required for graded exercise testing and individualized exercise prescription for normal and high-risk populations with emphasis on cardiac patients. Includes electrocardiograph techniques/interpretation, pharmacological considerations, test data interpretation, and emergency procedures. **PREREQUISITE:** EXSC 3470.
- 4160 Clinical Experience in Exercise Testing and Prescription** 1 hr. (0, 2)
Provides laboratory experiences designed to present and refine skills in conducting various health fitness tests (e.g. resting and exercise blood pressure, body composition, submaximal aerobic capacity, maximal graded exercise tests, and blood cholesterol). Discusses the implications of test results and application to exercise prescription. **PREREQUISITE:** EXSC 4150; exercise science major.
- 4650 Independent Research in Exercise Science** 1-3 hrs. (0, 3)
Provides opportunity for independently executed investigations, normally by students with upper-division standing. **REPEAT:** May be repeated. Credit not to exceed 6 hours.
- 4800 Internship in Exercise Science** 2-4 hrs. (0, 2-4)
Provides opportunity for on- or off-campus practical experience in a health and fitness program (e.g. cardiac rehabilitation, wellness/health promotion, corporate fitness, YMCA, and others). Enhances professional preparation by offering opportunities to apply fundamental concepts and principles in an actual work setting. **PREREQUISITE:** EXSC 4150. **GRADE:** CR/NC registration.
- 4850 Practicum in Exercise Science** 1-4 hrs. (arranged)
Provides opportunity for independent work or field experience in settings of personal training, agencies, or clinics in the exercise science field. **PREREQUISITE:** Exercise science major; junior standing. **REPEAT:** May be repeated for a total of 8 hours. **REGISTRATION:** C/NC.
- 4920 Seminar in Exercise Science** 2 hrs. (2, 0)
Investigates selected topics of current interest in exercise and health science. Capstone course in exercise science. Requires a written and oral presentation of a creative project involving either applied, experimental, or library research. **PREREQUISITE:** Exercise science major; senior standing.

PETE COURSES (PHYSICAL EDUCATION TEACHER EDUCATION PROFESSIONAL PROGRAM)

- 1170 Movement Education** 1 hr. (0, 2)
Examines movement concepts and how they apply to the physical development of individuals.
- 1300 Introduction to Teaching Physical Education** 2 hrs. (2, 1)
Introduces foundational concepts in physical education teacher education, including historical and philosophical orientations, sub-disciplinary movements, career development, and physical education issues.
- 1350 Teaching Team Sports** 3 hrs. (0, 4)
Develops content knowledge and teaching skills in selected team sports. Emphasizes teaching progressions, rules and strategies, skill assessment, and management.
- 2250 Motor Behavior** 3 hrs. (3, 0)
Examines the forces that influence the acquisition of motor skill and movement patterns. Surveys growth and development patterns. Identifies characteristics of skilled movement forms. Reviews factors which impact the learning of skills like knowledge of results and performance. Discusses motivational patterns and sport interests. Surveys the subdiscipline of motor learning.
- 2350 Teaching Individual, Dual, Recreational, and Lifetime Sports** 3 hrs. (0, 4)
Develops content knowledge and teaching skills in selected individual, dual, recreational,

- and lifetime sports. Emphasizes teaching progressions, rules and strategies, skill assessment, and management. Fee required.
- 2380 Teaching Dance and Tumbling** 2 hrs. (0, 3)
Develops fundamental skills and concepts of rhythms, dance, and tumbling. Examines safety procedures, skill development, instructional strategies, and assessment.
- 3350 Teaching Fitness** 2 hrs. (0, 3)
Reviews current activity levels and fitness of youth, promotes lifetime physical activity, analyzes field testing, and implements fitness activities for physical education programs. Uses the Physical Best model.
- 3710 Instructional Strategies (K-5)** 2 hrs. (2, 1)
Examines and develops instructional strategies for teaching physical education in grades K-5. Includes teaching practicum with children ages 4 to 12 years.
- 3720 Physical Education for Special Populations** 3 hrs. (3, 0)
Introduces students to the physically, mentally, and emotionally handicapped. Acquaints students with characteristics and behavioral patterns and with land and water activities that benefit the physiologically and socially handicapped. Includes teaching practicum with special education classes in the Anderson Community Schools.
- 3750 Instructional Strategies (6-12)** 3 hrs. (3, 1)
Provides a laboratory experience in teaching methodology of physical education for grades 6-12. Requires planning and implementing lessons using a variety of teaching strategies. Considers sociological and psychological issues in student interactions. **EXPECTATION:** At least 6 hours of activity classes. **PREREQUISITE:** Junior standing; PETE 1350, 2350, 2380.
- 4260 Directed Experience in Teaching Physical Education** 3 hrs. (1, 3)
Provides students with field experiences in teaching physical education within public schools prior to the student teaching semester. Applies content knowledge, management strategies, motivational ideas, and pedagogical skills that they have learned in previous courses. Allows a real-life teaching situation so that students can test their skills with the guidance of a veteran public school teacher as a mentor. **PREREQUISITE:** PETE 3710, 3750. **COREQUISITE:** PETE 4300. 2.6 or higher GPA. **EXPECTATION:** Passed Praxis I.
- 4300 Curriculum Development and Assessment in Physical Education** 4 hrs. (4, 2)
Examines the integration of content, instruction, and assessment to the principles and practices of program development. Requires the creation of teaching documents that shape the physical education curriculum. Provides a field experience that promotes the application of curriculum development in three age-level settings. Reviews administrative issues facing physical education teachers. **EXPECTATION:** Completion of required activity classes. **PREREQUISITE:** Teaching major. **PREREQUISITE OR COREQUISITE:** PETE 3750, 4260, 2.6 or higher GPA. **EXPECTATION:** Passed Praxis I.
- 4850 Practicum in Physical Education Teaching** 1-4 hrs. (arranged)
Provides opportunity for independent work or field experiences in physical education teaching in area schools. **CONSENT:** Instructor. **PREREQUISITE:** Physical education teaching major; junior standing. **REPEAT:** May be repeated for a total of 8 hours. **GRADE:** CR/NC registration.
- 4900 Computer Applications for Physical Education** 2 hrs. (2, 1)
Investigates and applies techniques and practice in the use of technology-based educational media supporting physical education. Emphasizes computer applications that support teaching (e.g. gradebook, Power-Point, databases). Includes field work in heart rate monitor usage, pedometer applications, PDA usage, and other available technology. **PREREQUISITE:** Physical education teaching major; senior standing, 2.6 or higher GPA. **EXPECTATION:** Passed Praxis I.

Mathematics

Dr. C. Taylor, chair; Dr. Lambright, Prof. Saltzmann, Prof. Schnipple, Dr. Van Groningen

The program in mathematics has three major objectives: to provide the non-specialist with some understanding of the contributions of mathematics to cultural development; to offer students in natural, social, and behavioral sciences the mathematics necessary for understanding their own fields of interest; and to prepare mathematics majors for graduate study, for teaching at the secondary level, or for work in business and industry.

Students considering careers in mathematics should realize that the emphasis in mathematics courses changes as progress is made through the undergraduate program. The early emphasis on problem solving is later subordinated to the task of formulating and dealing effectively with mathematical structures and abstract ideas.

Students who have pursued accelerated mathematics programs in high school may request advanced placement. Such requests should be made through correspondence with the department chair before registration. Credit, if granted for high school work in calculus or statistics, is through the Advanced Placement Program of the College Entrance Board. Consult with the chair of the Department of Mathematics or the Registrar's Office for details.

Students who plan to major in mathematics should consult the chair of the department as soon as possible. Students interested in actuarial studies should consult the chair of the Department of Mathematics or the director of the statistics program. Students interested in the mathematics – economics major should consult with Dr. Barry Ritchey in the Falls School of Business.

MAJORS

MATHEMATICS MAJOR (30 hours)

- MATH 2010, 2020, 3010, 3020, 4000
- Remaining hours from additional MATH courses; at least three courses numbered 3100 or above. MATH 1000, 1100, 1110, 1220, 1250, 1300, 1400, 4700 do not apply toward the major

COMPUTER SCIENCE – MATHEMATICS MAJOR (52 HOURS)

- CPSC 1400, 1500, 2100, 2400, 2500, 3300, 4500
- MATH 2010, 2020, 2200, 3010, 3020
- 4 hours from CPSC 2010 or additional CPSC or MATH courses numbered 3000 or above

MATHEMATICS – ECONOMICS MAJOR (38 HOURS)

- MATH 2010, 2020, 3010, 3020, 4010
- ECON 2010, 2020, 3020, 3410
- A 3-hour independent study course combining mathematics and economics with a required empirical research project
- Remaining hours from additional upper-division MATH and ECON courses

MINOR

MATHEMATICS MINOR (16 hours)

- MATH 2010, 2020
- Additional hours from MATH courses numbered 2120 or above

TEACHING MAJOR

MATHEMATICS TEACHING MAJOR (38 hours)

- MATH 2010, 2020, 2200, 2300, 3010, 3020, 4000, 4100, 4200
- MATH 2120 or 4010
- One course from MATH 3100, 3200, 3300

MATH COURSES

- 1000 Introductory Algebra** **2 hrs. (2, 0)**
Basic algebra course designed for students who need to meet the curricular mathematical proficiency requirement. Topics include whole numbers, fractions, decimals and percentages, ratios and proportions, polynomials, algebraic solutions of linear and quadratic equations, word problems, and systems of equations. Does not apply toward mathematics major or minor. **PREREQUISITE:** Placement by mathematics entrance examination. **GRADE:** CR/NC registration.
- 1100 Elementary Mathematics-Numeration Systems** **4 hrs. (4, 0)**
Elementary foundations course for students preparing for elementary and middle school education. Includes deductive reasoning, the algebra of sets, numeration systems, properties of natural numbers, integers, rational numbers, and real numbers. Does not apply toward mathematics major or minor. **PREREQUISITE:** Mathematics proficiency.
- 1110 Elementary Mathematics-Geometry** **3 hrs. (3, 0)**
Includes point-set geometry, linear and angular measurement concepts, area and volume, transformational geometry, and probability. Designed particularly for elementary and middle school education majors. Does not apply toward mathematics major or minor. **PREREQUISITE:** Mathematics proficiency.
- 1220 Advanced Algebra and Trigonometry** **3 hrs. (3, 0)**
A course designed in order to fully prepare students for MATH 2010. Topics include right triangle trigonometry, trigonometric identities and equations, complex numbers, laws of sines and cosines, trigonometric, exponential, and logarithmic functions, analytic geometry, conic sections. Does not apply toward mathematics major or minor. **PREREQUISITE:** Mathematics proficiency. **OFFERED:** Semester II.
- 1250 Explorations in Mathematics** **3 hrs. (3, 0)**
A course designed for students to explore different areas of college-level mathematics. Students will appreciate the relevance of mathematics through real-life applications. Emphasis will be placed on critical reasoning, problem solving, and the clear communication of mathematical ideas. Topics will be chosen from mathematics of finance, mathematical modeling, probability and statistics, voting theory, infinity, and logic. Does not apply toward mathematics major or minor. **PREREQUISITE:** Mathematics proficiency.
- 1300 Finite Mathematics** **3 hrs. (3, 0)**
Topics include introduction to counting techniques, probability, systems of linear equations and matrices, linear programming, and the mathematics of finance. Does not apply toward mathematics major or minor. **PREREQUISITE:** Mathematics proficiency.
- 1400 Applied Calculus** **4 hrs. (4, 0)**
Topics include functions, limits, derivatives, applications of derivatives, integration and applications of integration. Functions considered are polynomial, rational, logarithmic, and exponential functions. Emphasis is on computational skill and problem solving. Applications are taken from management, life sciences, and social sciences. Not open to students with a grade of C or better in MATH 2010 or its equivalent. Does not apply toward major. **EXPECTATION:** Two years of high school algebra. **PREREQUISITE:** Mathematics proficiency. **OFFERED:** Semester II.

- 2010 Calculus I** 4 hrs. (4, 0)
Introduction to plane analytic geometry, functions, limits, continuity, differentiation of algebraic and trigonometric functions, application of the derivative, indefinite, and definite integrals. **EXPECTATION:** Two years of high school algebra, plane geometry, and trigonometry. **PREREQUISITE:** MATH 1220 or passing score on Calculus Readiness Exam. **OFFERED:** Semester I.
- 2020 Calculus II** 4 hrs. (4, 0)
Continuation of MATH 2010. Attention given to methods of integration of algebraic and transcendental functions, curves given in polar coordinates, curves given by parametric equations, applications of integration, and infinite sequences and series. **PREREQUISITE:** MATH 2010. **OFFERED:** Semester II.
- 2120 Introductory Statistics with Applications** 4 hrs. (4, 0)
Descriptive statistics; binomial, normal, and chi-square distributions; sampling distributions; estimation; hypothesis testing; simple linear regression; and analysis of variance. **EXPECTATION:** Two years of high school algebra.
- 2200 Discrete Mathematical Structures** 4 hrs. (4, 0)
Topics include Boolean algebra, computer logic, relations and functions, logic and proof techniques, combinatorics, algebraic structures, and graph theory. **OFFERED:** Semester II.
- 2300 College Geometry** 3 hrs. (3, 0)
Presents an axiomatic basis for Euclidean geometry and provides insight into the interdependence of various theorems and axioms. Topics include incidence and order properties, congruence, absolute and non-Euclidean geometry, the parallel postulate, and the real numbers and geometry. **PREREQUISITE:** MATH 2010. **OFFERED:** 2015-16.
- 3010 Linear Algebra with Differential Equations** 4 hrs. (4, 0)
Introduction to algebra and geometry of R^3 and its extension to R^n . Topics include vector spaces and linear transformations, systems of linear equations and their solutions, matrices and determinants, eigenvalues, eigenvectors, and the solution and applications of linear ordinary differential equations. **PREREQUISITE:** MATH 2010. **OFFERED:** Semester I.
- 3020 Calculus III** 4 hrs. (4, 0)
Continuation of MATH 2020. Attention given to multi-dimensional calculus and its applications. Topics include partial differentiation, multiple integration, three-dimensional analytic geometry, and vector calculus. **PREREQUISITE:** MATH 2020, 3010. **OFFERED:** Semester II.
- 3100 Differential Equations** 3 hrs. (3, 0)
Methods of solving ordinary differential equations and their applications to life sciences, physics, and chemistry. Topics covered will include first and second order homogenous and non-homogenous equations, first order systems, Laplace transforms, series solutions and an introduction to partial differential equations. **PREREQUISITE:** MATH 2020. **OFFERED:** 2015-16.
- 3200 Mathematical Models** 3 hrs. (3, 0)
Formation and study of mathematical models used in business, social, and biological sciences. Mathematical topics include N-person games, networks, Markov processes, application of graphs and diagraphs, pulse processes, and group decision-making. **OFFERED:** 2014-15.
- 3300 Numerical Analysis** 3 hrs. (3, 0)
Introduction to numerical algorithms fundamental to scientific and mathematical computer use. Solutions of transcendental, polynomial, and differential equations; matrix algebra; linear programming; numerical integration and differentiation; Monte Carlo methods; and curve fitting. **PREREQUISITE:** CPSC 1400, MATH 2020. **OFFERED:** 2015-16. **SAME AS:** CPSC 3300.

- 4000 Problem Seminar** **2 hrs. (2, 0)**
 Introduction to research techniques based on problems from parts of the regular curriculum such as calculus, linear algebra, probability, and statistics. Emphasis on problems from the required core of the curriculum — problems that are integrative in nature. **PRE/COREQUISITE:** MATH 4100 or 4200. **OFFERED:** Semester I.
- 4010 Mathematical Statistics** **4 hrs. (4, 0)**
 Probability distributions, expectation, mean, variance, moment generating functions, special distributions, unbiasedness, maximum likelihood, confidence intervals, and hypothesis testing. **PREREQUISITE:** MATH 3020. **OFFERED:** 2014-15.
- 4100 Real Analysis** **3 hrs. (3, 0)**
 Careful study of the real number system with attention given to the study of real-valued functions, metric spaces, sequences, continuity, differentiation, and integration. **PREREQUISITE:** MATH 3010. **OFFERED:** 2014-15.
- 4200 Abstract Algebra** **3 hrs. (3, 0)**
 Consideration of fundamental concepts of modern algebra. Includes groups, rings, integral domains, and fields along with isomorphisms, homomorphisms, normal subgroups, and quotient groups. **PREREQUISITE:** MATH 3010. **OFFERED:** 2015-16.
- 4650 Independent Study** **1-3 hrs. (arranged)**
 Selected topics in higher mathematics. Total combined credit from MATH 4650 and 4900 may not exceed 12 hours. **CONSENT:** Department chair.
- 4700 Methods in Teaching Mathematics** **2 hrs. (2, 0)**
PREREQUISITE: MATH 3020. **OFFERED:** Semester I.
- 4900 Seminar** **1-3 hrs. (arranged)**
 Seminars in algebra, analysis, topology, set theory, complex variables, non-Euclidean geometry, and applied mathematics. Total combined credit in MATH 4650 and 4900 may not exceed 12 hours. **CONSENT:** Department chair. **OFFERED:** With sufficient demand.

Modern Foreign Languages

Dr. T. Fox, chair; Prof. Baird, Prof. Chamboneth, Prof. Clay, Prof. Felix, Dr. Grayson, Prof. Shulmistras

In an increasingly interdependent world, the study of other languages and cultures has become a fundamental part of every student's education. Knowledge of at least one foreign language and familiarity with cultures and societies different from one's own not only equip university graduates to take responsible and active roles as world citizens but also enhance their effectiveness in a range of professions, including, but not limited to, banking, business, education, film, government work, health care, journalism, law, management, missions, and social work.

A major in Spanish or a minor in French or Spanish offers students a triple focus: language, culture, and literature. After successful completion of the program, majors will be equipped to:

- comprehend and interpret written and spoken language;
- express themselves in the written and spoken word of that language;
- have a fundamental understanding of the literature and civilizations of the countries represented by the target language; and
- value other cultures as fellow global citizens.

A departmentally approved foreign study experience (minimum of six credit hours and FLAN 3500), where the target language is spoken, is required of all majors and strongly recommended for all minors.

MAJORS

SPANISH MAJOR (43-45 hours)

- 34 hours from the following:
 - SPAN courses beyond SPAN 2010 or equivalent, including 2020, 3010, 3020, 3140, 3400 or 3440, one literature class at A.U. (4350, 4360, 4370 or 4380)
 - at least 6 hours in overseas study, plus FLAN 3500
- FLAN 4900
- A two-semester sequence (6-8 hours) in one other modern foreign language

COMPLEMENTARY MAJORS

SPANISH COMPLEMENTARY MAJOR (30 hours)

- 27 hours from the following:
 - SPAN courses beyond 2010, including 2020, 3010, 3020, 3140, 3400 or 3440, and one literature class (4350, 4360, 4370 or 4380)
 - 11 hours from SPAN courses numbered 3000 and above
 - at least 6 hours in overseas study, plus FLAN 3500
- FLAN 4900

MINORS

FRENCH MINOR (18 hours)

- 18 hours from FREN courses beyond 1020 or equivalent.*
FLAN courses may not be counted toward the minor.

SPANISH MINOR (18 hours)

- 18 hours from SPAN courses beyond 1020 or equivalent, including 3010 and 3020
FLAN courses may not be counted toward the minor.

**A minor in French will require 10 hours of off-campus coursework, possibly earned in a study abroad program.*

TEACHING MAJORS

Requirements for teaching Spanish at the secondary level include completion of specific courses in the subject area and in professional education. Students planning to teach a foreign language in secondary schools should also consult with the director of teacher education.

SPANISH TEACHING MAJOR (45-47 hours)

- 36 hours from the following:
 - SPAN courses beyond SPAN 2010, including SPAN 2020, 3010, 3020, 3140, 3200, 3400, 3440; 4350 or 4360; 4370 or 4380*
 - at least 6 hours in overseas study, plus FLAN 3500
- FLAN 4900
- At least two sequential semesters (6-8 hours) in one other modern foreign language
- *Because of other requirements in the major, Teaching Majors may take the Latin American and Spanish Literature classes for 3 hours rather than 4, with the approval and signature of the instructor.*

FLAN COURSES

- 2000 Language and Society** **3 hrs. (3, 0)**
Expands cultural and intercultural awareness by looking at language in a context of social issues and historical, biological, and grammatical concerns.
- 3400 The French and Spanish Speaking Caribbean** **3 hrs. (3, 0)**
Explores the dynamic convergence of cultures, races, and religions that comprise the French- and Spanish-speaking Caribbean. Primary focus is placed on the cultures of Haiti, the French Antilles, Cuba, Puerto Rico, and the Dominican Republic, through their history, literature, language, politics, art, and religious expression. Emphasis is put on the complex interrelation of these elements, which have formed the contemporary identity of the region. This course is taught in English. **PREREQUISITE:** Any 2000-level HIST course.
- 3500 Study Abroad Experience: Cultural, Linguistic, and Personal** **1 hr.**
Designed for the language majors studying abroad, this course systematically gives them orientation prior to the experience, prepares them for life abroad, and helps them process the experience while abroad and upon return to campus. **PREREQUISITES:** FREN/GERM/SPAN 2020 or instructor permission. (CR/NC)
- 4700 Methods in Teaching Foreign Languages** **3 hrs. (3, 0)**
Offers a survey of teaching methods employed in teaching foreign language, literature, and culture. Required of French and Spanish secondary education majors. **CONSENT:** Instructor.
- 4900 Senior Seminar in Foreign Languages** **3 hrs. (3, 0)**
Addresses openness to truth and Christian commitments and practices from a global perspective of foreign languages and cultures. Includes required readings, in-depth discussions, and a major project and presentation. Taught in English. Required of all French and Spanish teaching and non-teaching majors. Recommended for French and Spanish minors. **CONSENT:** Instructor. **OFFERED:** Spring semester each year.

FREN COURSES

- 1010 Elementary French I** 4 hrs. (3, 1)
Emphasizes development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of Francophone cultures. Individual online or outside language laboratory work is required.
- 1020 Elementary French II** 4 hrs. (3, 1)
Emphasizes development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of Francophone cultures. Individual online or outside language laboratory work is required. **EXPECTATION:** FREN 1010.
- 2010 Intermediate French I** 4 hrs. (3, 1)
Emphasis on increasing language proficiency in the areas of listening, speaking, reading, and writing through grammar review. Increased emphasis on understanding the diverse Francophone cultures through cultural readings, video/DVD, and other sources. Individual online or outside language laboratory work is required. **EXPECTATION:** FREN 1020.
- 2020 Intermediate French II** 4 hrs. (3, 1)
Emphasis on increasing language proficiency in the areas of listening, speaking, reading and writing through grammar review. Increased emphasis on understanding the diverse Francophone cultures through cultural readings, video/DVD, excerpts from literature, and other sources. Individual online or outside language laboratory work is required. **PREREQUISITE:** FREN 2010.
- 3230 French Conversation** 3 hrs. (3, 0)
Designed to increase students' abilities to deal orally and culturally with a variety of subjects related to everyday life, friendships, personality, current events, and travel. Use of French films to stimulate discussion. Review of French grammar while developing more fluent command of the oral patterns and more active vocabulary control. Required of all majors and minors. **PREREQUISITE:** FREN 2020. **OFFERED:** Semester I 2014 (only).
- 3240 French Composition** 3 hrs. (3, 0)
Writing idiomatic, familiar, and formal French. Review of French grammar and building vocabulary while developing more sophisticated syntactical patterns in the use of the written word. Practicing different styles of writing including journaling, note writing and taking, summaries, and essays. Required of all French majors and minors. **PREREQUISITE:** FREN 2020. **OFFERED:** Semester I 2014 (only).
- 3400 French Civilization and Culture** 3-4 hrs. (3-4, 0)
History, life, and customs, of France and the French. Lectures, readings, and discussions on history, geography, literature, art, architecture, music, philosophy, science, and political and social structures. **PREREQUISITE:** FREN 3230, 3240. **OFFERED:** Semester I 2014 only.
- 3440 Modern France** 4 hrs. (4, 0)
Life and customs of the French in the modern period. Lectures, readings, and discussions on history, geography, art, politics, religion, etc. How the French see themselves and how the past influences the present. Emphasis on the period from World War II to the present. **PREREQUISITE:** FREN 3230, 3240. **OFFERED:** Semester II 2014-15.

GERM COURSES

- 1010 Elementary German I** 4 hrs. (3, 1)
Emphasizes development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of Germanic cultures. Individual online or outside language laboratory work is required.

- 1020 Elementary German II** 4 hrs. (3, 1)
Emphasizes continued development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of Germanic cultures. Individual online or outside language laboratory work is required. **EXPECTATION:** GERM 1010.
- 2010 Intermediate German I** 4 hrs. (3, 1)
Communicative tasks and culture-oriented readings. Continued development of basic skills in reading, writing, listening, and speaking. Individual online or outside language laboratory work is required. **EXPECTATION:** GERM 1020.

SPAN COURSES

- 1010 Elementary Spanish I** 4 hrs. (3, 1)
Emphasizes development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of Spanish-speaking cultures. Individual online or outside laboratory work is required.
- 1020 Elementary Spanish II** 4 hrs. (3, 1)
Emphasizes continued development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of Spanish-speaking cultures. Individual online or outside laboratory work is required. **EXPECTATION:** SPAN 1010.
- 2010 Intermediate Spanish I** 4 hrs. (3, 1)
Emphasis on increasing language proficiency in the areas of listening, speaking, reading, and writing through grammar review. Increased emphasis on understanding the diverse Spanish-speaking cultures through cultural readings, DVDs, and other sources. Individual online or outside laboratory work is required. **EXPECTATION:** SPAN 1020.
- 2020 Intermediate Spanish II** 4 hrs. (3, 1)
Emphasis on increasing language proficiency in the areas of listening, speaking, reading, and writing through grammar review. Increased emphasis on understanding the diverse Spanish-speaking cultures through cultural readings, DVDs, and other sources. Introduction to literary readings. Individual online or outside laboratory work is required. **EXPECTATION:** SPAN 2010.
- 3010 Spanish Composition** 4 hrs. (4, 0)
Designed to help students develop writing skills in formal, informal, and idiomatic Spanish through review of Spanish grammar, vocabulary-building exercises, and development of more sophisticated syntactical patterns in the use of the written word. Students will practice different styles of writing, including journaling, summaries, and essays. Required of all Spanish majors and minors. **EXPECTATION:** SPAN 2020.
- 3020 Spanish Conversation** 4 hrs. (3, 1)
Designed to increase students' abilities to deal orally and culturally with a variety of subjects related to everyday life, employment, current events, and travel. Includes review of Spanish grammar, development of more fluent command of oral patterns, and more active control of vocabulary. Practice with native Spanish speakers required in a practicum setting. Required of all Spanish majors and minors. **EXPECTATION:** SPAN 2020.
- 310x Spanish for the Professions**
Designed for students combining a Spanish major or minor with a major in an area of business, health care, ministry, social work or law enforcement, this course will give students the linguistic and cultural knowledge needed to function in Spanish in their designated fields. Only one section of Spanish 310X may be counted toward completion of the Spanish major or minor. **PREREQUISITE:** SPAN 3010 and 3020; for all except the health care professions and ministry, which require SPAN 2020.

- 3101 Spanish for Health Care** 4 hrs. (4, 0)
3102 Spanish for Ministry 4 hrs. (4, 0)
3103 Spanish for Social Work and Criminal Justice 4 hrs. (4, 0)
OFFERED: Semester II 2014-15.
3104 Spanish for Business 4 hrs. (4, 0)
3110 Spanish for Educators 2 hrs. (2, 0)
 Designed for students studying Spanish education or Spanish and elementary education, this course will focus on strengthening each student's proficiency level in spoken and written Spanish so as to prepare him/her to function effectively in the target language in professional educational contexts (both in and out of the classroom). Only one section of the SPAN 3100 series (3110-3150) may be counted toward completion of the Spanish major or minor. **PREREQUISITE:** SPAN 3010 and 3020, or instructor permission.
3140 Spanish Phonetics 3 hrs. (2, 1)
 This course provides a survey of topics in Spanish phonetics and phonology, designed to help the non-native speaker develop accurate pronunciation and intonation. Introduction to phonetic transcription, basic concepts of linguistic science, and contrasts with English pronunciation patterns. Extensive oral practice and several recordings required. Required of all Spanish majors. **PREREQUISITE:** SPAN 2020.
3200 Advanced Spanish Grammar and Translation 3 hrs. (3, 0)
 In-depth review of grammar with the goal of refining students' understanding and use of written Spanish. Includes oral and written exercises, vocabulary-building exercises, and translations. Emphasis on finer points of Spanish grammar as compared to English. **PREREQUISITE:** SPAN 3010, 3020.
3400 Spanish Civilization and Culture 3 hrs. (3, 1)
 Geography and cultural history of Spain. Present political situation, education, art, music, and everyday life. **PREREQUISITE:** SPAN 3010, 3020. **OFFERED:** Semester II 2014-15.
3440 Spanish-American Civilization 3 hrs. (3, 1)
 Survey of Spanish-American culture, pre-Columbian to the present. Socioeconomic problems and relationships with the United States. **PREREQUISITE:** SPAN 3010, 3020.
4350 Survey of Spanish-American Literature I: Worlds and Voices 3-4 hrs. (4, 0)
 Writers and movements in Spanish-American literature from the Colonial period through modernism within their cultural-historical context. Special attention will be paid to literary theory and an introduction to academic writing. Standard enrollment is 4 hours; permission to enroll in the course for three hours by instructor's permission. **PREREQUISITE:** SPAN 3010, 3020. **OFFERED:** Semester I 2014-15.
4360 Survey of Spanish-American Literature II: Evolution and Revolution 3-4 hrs. (4, 0)
 Writers and movements in Spanish-American literature from modernism to the present within their cultural-historical context. Special attention will be paid to literary theory and an introduction to academic writing. Standard enrollment is 4 hours; permission to enroll in the course for three hours by instructor's permission. **PREREQUISITE:** SPAN 3010, 3020. **OFFERED:** Semester II 2014-15.
4370 Survey of Peninsular Literature I: Saints and Sinners 3-4 hrs. (4, 0)
 An examination of narrative, poetry and theater written by/about several of Spain's prominent saints and sinners (both historic and fictive) from the Medieval period through the Early Modern period. Special attention will be paid to literary theory and an introduction to academic writing. Standard enrollment is 4 hours; permission to enroll in the course for three hours by instructor's permission. **PREREQUISITE:** SPAN 3010, 3020. **OFFERED:** Semester I 2015-16.
4380 Survey of Peninsular Literature II: Obedience or Revolution? 3-4 hrs. (4, 0)
 An examination of narrative, poetry, theater and film that explores how the decline of Spanish political power affected both individuals and society from the Romantic period to the

21st century. Special attention will be paid to literary theory and an introduction to academic writing. Standard enrollment is 4 hours; permission to enroll in the course for three hours by instructor's permission. **PREREQUISITE:** SPAN 3010, 3020. **OFFERED:** Semester II 2015-16.

4500 Special Topics **3 hrs. (3, 0)**

Group study on selected topics. **CONSENT:** Department chair. **OFFERED:** With sufficient demand.

4650 Directed Individual Study **1-4 hrs. (arranged)**

Readings or special interest project to help majors coordinate their work in other Spanish courses. May be completed in a Spanish-speaking country. **CONSENT:** Department chair and instructor.

4660 Directed Individual Study **1-4 hrs. (arranged)**

Readings or special interest project to help majors coordinate their work in other Spanish courses. May be completed in a Spanish-speaking country. **CONSENT:** Department chair and instructor.

School of Music, Theatre, and Dance

Dr. Wright, co-chair; Dr. Taylor, co-chair; Dr. Brandon, Dr. Brooks, Dr. Chappell, Dr. Frieling, Dr. Holmes, Prof. J. Huntoon, Prof. Kumi, Dr. Murray, Dr. Robertson, Dr. Rodgers, Prof. Salinas, Dr. Sowers, Prof. Steele; Prof. Archibald, Dr. Ballard, Prof. Brewer, Prof. Edie, Prof. Fan, Prof. Fisher, Prof. French, Prof. Hachiya-Weiner, Prof. Howell, Prof. D. Huntoon, Prof. Johnson, Prof. King, Prof. Leagre, Prof. Li, Prof. Mannell, Prof. McKinney, Prof. Moore, Prof. Neal, Prof. Nugent, Prof. Oh, Prof. A. Potaczek, Prof. S. Potaczek, Prof. Raes, Prof. Rhinehart, Prof. Rice, Prof. Robbins, Prof. Scagnoli, Prof. Schmidt, Prof. Shaver, Prof. Shepard, Prof. Sickmeier, Prof. Silveus, Prof. Stockwell, Prof. Strother, Prof. Tashpulatov, Prof. Thacker, Prof. Thiemet.

The School of Music, Theatre, and Dance offers Bachelor of Music degrees in music education, musical theatre, voice performance, and instrumental performance; Bachelor of Arts degrees in music, church music, music business, songwriting, and dance; five music minors; a theatre minor; and a dance performance minor. The School of Music, Theatre, and Dance also endeavors to give all students opportunities for creative experiences in the performing arts by encouraging the development of artistry and scholarship through classes, private study, and performance.

Students intending to become music majors or dance majors should consult the School of Music, Theatre, and Dance website for audition forms and requirements, and the Music Handbook or the Dance Handbook for admission and retention policies. All prospective music and dance majors must complete an audition for admission to the School of Music, Theatre, and Dance. All freshmen must complete the freshman core curriculum in music or dance with grades of C- or better before registering for upper-level courses in music or dance.

FRESHMAN CORE CURRICULUM FOR MUSIC AND DANCE

The freshman core curriculum in music consists of the following courses (12 hours):

- 6 hours from MUSC 1010, 1020 (theory)
- 2 hours from MUSC 1030, 1040 (aural comprehension)
- 4 hours from MUPF 1050, 1060 (keyboard class)

The freshman core curriculum in dance consists of the following courses (6 hours):

- 4 hours from DANC 1220, 2220, 3220 (modern dance); DANC 1320, 2320, 3320 (jazz dance); or DANC 1420, 2420, 3420 (ballet)
- 1 hour of DANC 1580 (Dance Improvisation I)
- 1 hour of DANC 1590 (Dance Composition I)

The freshman core of music and dance courses may be attempted only twice. Withdrawal from a freshman core course counts as one attempt to pass the course. Transfer students must take examinations to determine class placement in music or dance freshman core courses and must pass the freshman core curriculum with grades of C- or better by the end of their fourth semester of college study, or second semester at AU, in order to continue in the major. Students who wish to begin a major in music or dance after completing their fourth semester of college study must complete the freshman core curriculum with grades of C- or better on the first attempt. Students who wish to retake a course in the music or dance freshman core after their fourth semester of college study must petition the dean of the School of Music, Theatre, and Dance in writing for permission to do so.

UPPER-DIVISION PERFORMANCE EVALUATION (UDPE)

Students in music or dance are required to pass the Upper-Division Performance Evaluation (UDPE) to advance to 3000- and 4000-level private music study or dance study, perform a junior or senior recital, continue a performance emphasis, or register for music education methods courses or student teaching. Students usually take the UDPE at the end of the sophomore year.

MUSIC ENSEMBLES

All music majors must participate in appropriate ensembles each semester. Music minors are required to participate in ensembles for four semesters. Students participate in an ensemble for 1 hour of credit or 0 hours of credit if taking 18 hours of other courses.

DANCE ENSEMBLES

All dance majors must audition for DANC 1150 (Dance Repertory) each semester and are required to audition for the dance guest artist(s) works. Dance minors must audition for DANC 1150 (Dance Repertory) in four semesters. Students participate in Dance Repertory for 1 hour of credit or 0 hours of credit if taking 18 hours of other courses.

PRIVATE MUSIC STUDY

Music majors earn 1-3 hours of credit by taking weekly one-hour private lessons. Elective students earn 1 hour of credit by taking weekly half-hour or one-hour lessons. Participation in studio classes, studio recitals, and general student recitals is part of private study at Anderson University.

BACHELOR OF MUSIC DEGREE

MUSIC EDUCATION MAJOR — Grades K-12, All-Areas (77 hours)

- MUSC 1010, 1020, 1030, 1040, 2010, 2020, 2030, 2040, 2110, 3030, 3040, 3110, 3120, 3220
- MUPF 1050, 1060; 2 hours from MUPF 1710, 2030, 2040
- MUED 1000, 1100, 1200, 1300, 1400, 2470, 3100, 3110, 3120, 3130; 3330 or 3350 or 3370; 3460 (instrumentalists) or 2520 (singers); 3470, 3480, 4700
- 10 hours of private study in piano, voice and instrument (at least 8 hours in one area, including a half recital; 1 hour in each of the other areas)

VOICE PERFORMANCE MAJOR (80 hours)

- MUSC 1010, 1020, 1030, 1040, 2010, 2020, 2030, 2040, 2110, 3110, 3120, 3220
- MUED 2470
- MUBS 3360
- 4 hours from MUPF 1050, 1060, 1710, 2030, 2040, 2710
- MUPF 4910
- Pedagogy and Literature:
 - MUED 2510, 2520, 3350
 - MUSC 3390
- Applied Study:
 - 20 hours of private study in the primary performance area, including a half recital in the junior year and a full recital in the senior year
- Music Electives:
 - 5 hours from MUED 3360, 3930, 3940; MUSC 3650, 4900; MUPF 1150, 1160, 2900
- Related Skills:
 - THEA 2110
 - 4 hours from MUPF 1170
 - 2 hours from DANC technique courses

Majors are required to take French or German to fulfill foreign language requirements

INSTRUMENTAL PERFORMANCE MAJOR (80 hours)

- MUSC 1010, 1020, 1030, 1040, 2010, 2020, 2030, 2040, 2110, 3040, 3110, 3120, 3220
- MUED 2470, 3480
- MUBS 3360
- 2 hours from MUSC 3030, 3100, 4900; MUBS 2050
- 6 hours from MUPF 1050, 1060, 1710, 2030, 2040
- Pedagogy and Literature (choose one track):
 - Piano: MUED 3370; MUSC 3380; MUPF 2060
 - Instrumental: MUSC 3650 (2 hours in literature study); MUED 3330; MUPF 2060
- Applied Study:
 - 22 hours of private study in the primary performance area, including a half recital in the junior year and a full recital in the senior year
 - 7 hours of major ensembles
 - 2 hours of chamber ensembles

MUSICAL THEATRE MAJOR (80 hours)

- MUSC 1010, 1020, 1030, 1040, 2010, 2030, 2110, 3180
- 3 hours from MUSC 3120, 3130
- 2 hours from MUPF 1050, 1060, 1710, 2710, 2030
- 10 hours of private study in voice, including 2 hours from MUPF 4540
- MUPF 1170 (6 semesters)
- MUBS 3360
- MUED 2510
- Major Ensemble (8 semesters)
- MUTR 2250, 2410, 2420, 3210, 3220, 4500, 4910
- THEA 2110, 2120, 2210, 2220, 3110, 3120
- 6 hours in the following dance technique areas:
 - At least 2 hours from DANC 1120, 2120, 3120 (Tap)
 - At least 2 hours from DANC 1320, 2320, 3320 (Jazz)
 - At least 2 hours from DANC 1420, 2420, 3420 (Ballet)
- DANC 2110

Majors are encouraged to take DANC 1580 and THEA 3400.

BACHELOR OF ARTS DEGREE

CHURCH MUSIC MAJOR (59 hours)

(Voice, piano, or organ required as primary instrument.)

- MUSC 1010, 1020, 1030, 1040, 2010, 2020, 2110, 3030, 3040, 3110, 3120, 3150, 3160, 3220, 3800
- MUED 2470, 3110, 3350; 3470 or 3480
- MUPF 1050, 1060
- 6 hours of private study in primary performance area, including a half recital, and 2 hours in secondary performance area (voice or piano)

Majors are encouraged to take courses in Christian ministries (see Department of Religious Studies).

MUSIC BUSINESS MAJOR (66 hours)

- 36 hours of music courses:
 - MUSC 1010, 1020, 1030, 1040, 2010, 2110, 3220
 - 3 hours from MUSC 3110, 3120, 3130, 3170
 - MUPF 1050, 1060

- 6 hours of private applied study
- 7 hours of ensemble participation
- 30 hours of music business courses:
 - MUBS 2010, 2020, 3100, 3210, 3310, 3350, 3360, 4800, 4900
 - 6 hours of additional MUBS courses

MUSIC MAJOR (44-47 hours)

- MUSC 1010, 1020, 1030, 1040, 2010, 2020, 2110, 3110, 3120, 3130, 3220
- MUPF 1050, 1060
- MUED 2470
- 4 hours of private applied study
- 3-6 hours of area-specific electives
- MUSC 4950

SONGWRITING MAJOR (53 hours)

- 36 hours of music courses:
 - MUSC 1010, 1020, 1030, 1040, 2010, 2110, 3220
 - 3 hours from MUSC 3110, 3120, 3130, 3170
 - MUPF 1050, 1060
 - 4 hours of private applied study
 - 2 hours of composition lessons
 - 7 hours of ensemble participation
- 17 hours of songwriting courses:
 - MUBS 2010, 2020, 2070, 3210, 3310, 3350, 4500

DANCE PERFORMANCE MAJOR (54 hours)

- 23 hours in dance technique:
 - 14 hours in the following dance technique areas:
 - At least 6 hours from DANC 1220, 2220, 3220, 4220 (modern dance)
 - At least 2 hours from DANC 1320, 2320, 3320, 4320 (jazz dance)
 - At least 6 hours from DANC 1420, 2420, 3420, 4420 (ballet)
 - 4 hours and 8 semesters in DANC 1150
 - DANC 2110, 2130, 3530, 4910
- 24 hours in dance theory:
 - DANC 3000, 3010, 3050, 3060, 3510, 4500
 - DANC 1580, 2580, 3580
 - DANC 1590, 2590, 3590, 4590
- 7 hours in related courses:
 - 2 hours from MUSC 1000 or MUPF 1010-4900
 - THEA 2110
 - ARTG 1530

DANCE BUSINESS MAJOR (51 hours)

- 15 hours in dance technique:
 - 10 hours in the following dance technique areas:
 - At least 4 hours from DANC 1220, 2220, 3220, 4220 (modern dance)
 - At least 2 hours from DANC 1320, 2320, 3320, 4320 (jazz dance)
 - At least 4 hours from DANC 1420, 2420, 3420, 4420 (ballet)
 - 0 hours and 8 semesters in DANC 1150 (Dance Repertory)
 - DANC 2110, 2130, 3530, 4800

- 19 hours in dance theory:
 - DANC 3000, 3010, 3050, 3510, 4500
 - 2 hours from DANC 1580, 2580, 3580
 - 3 hours from DANC 1590, 2590, 3590, 4590
- 2 hours in related courses:
 - MUSC 1000 or MUPF 1010-4900
- 9 hours in business courses:
 - ACCT 2010; BSNS 2710, 2810
- Choose one of the following tracks (6 hours):
 - Nonprofit business: BSNS 3300, 4300
 - Business administration: BSNS 3100, 3150

DANCE COMPLEMENTARY MAJOR (33 hours)

- 12 hours in dance technique:
 - 8 hours in the following dance technique areas:
 - 3 hours from DANC 1220, 2220, 3220, 4220 (modern dance)
 - 2 hours from DANC 1320, 2320, 3320, 4320 (jazz dance)
 - 3 hours from DANC 1420, 2420, 3420, 4420 (ballet)
 - 2 hours and 4 semesters in DANC 1150 (Dance Repertory)
 - DANC 2110, 2130
- 19 hours in dance theory from:
 - DANC 3000, 3010, 3050, 3060, 3510, 4500
 - 1 hour from DANC 1580, 2580, 3580
 - 1 hour from DANC 1590, 2590, 3590, 4590
- 2 hours in related courses:
 - MUSC 1000 or MUPF 1010-4900

MINORS

CHURCH MUSIC MINOR (18 hours)

- MUSC 1010, 1030, 3150, 3160
- MUPF 1050 or 1060 or 2 hours private piano
- MUED 2470
- 2 hours in private voice or class voice
- 2 hours of additional applied study (voice and/or piano)

JAZZ STUDIES MINOR (18 hours)

- MUSC 1010, 1030, 2210
- MUPF 1050 or 1060 or 2 hours private piano
- MUPF 2060
- 3 hours of applied study on primary instrument
- 4 hours of MUPF 1230

MUSIC MINOR (18 hours)

- MUSC 1010, 1020, 1030, 1040, 2110
- 4 hours from MUPF 1050, 1060, and/or private piano
- 2 hours of applied study (private and/or class)
- 2 hours of music ensemble

MUSIC BUSINESS MINOR (18 hours)

- MUSC 1010, 1030
- MUBS 2010, 2020

- MUPF 1050 or 1060 or 2 hours private piano
- At least 6 hours from: MUBS 2050, 2070, 3100, 3210, 3220, 3310, 3410, 3500; MUSC 3030, 3040

MUSIC PERFORMANCE MINOR — *Select from one of the following two tracks:*

For students whose major is music business (15-16 hours)

Admission by audition on the primary instrument to ensure adequate performance level.

- 6-8 hours of additional applied study, including a half recital
- MUED 2470
- Additional hours from one of the following sequences:
 - **Singers:** MUED 2510, 2520, 3350; 2 hours from MUPF 1150, 1160, 1170
 - **Pianists:** MUED 3370; MUSC 3380; 3 hours from MUPF 1190, 1210, 1520, 1530
 - **Instrumentalists:** 5 hours from MUPF 1190, 1250, 1360, 1370, 1380, 1390

For students whose major is not in music (18 hours)

Admission by audition on the primary instrument to ensure adequate performance level.

- MUSC 1010, 1020, 1030, 1040
- MUPF 1050 or 1060 or 2 hours of private piano
- 8 hours of private study in the primary performance area, including a half recital
MUSC 2110 is recommended.

MUSIC THEORY AND LITERATURE MINOR (18 hours)

- MUSC 1010, 1020, 1030, 1040, 2110, 3110, 3120
- MUPF 1050 or 1060 or 2 hours of private piano
MUSC 2010 and 2020 are recommended.

THEATRE MINOR (17 hours)

- THEA 2350
- One course from: THEA 3010, 3020, 4900
- One course from: THEA 3500, 3550
- At least 2 hours from THEA 2890
- Remaining hours from THEA captioned courses

DANCE PERFORMANCE MINOR (18 hours)

- 11 hours of technique courses:
 - 3 hours from DANC 1220, 2220, 3220, 4220 (modern dance)
 - 2 hours from DANC 1320, 2320, 3320, 4320 (jazz dance)
 - 3 hours from any combination of DANC 1420, 2420, 3420, 4420 (ballet)
 - 0 hours and 4 semesters in DANC 1150 (Dance Repertory)
 - 1 hour from DANC 1120 or 2120 or 3120
 - DANC 2110
 - DANC 2130
- 7 hours of theory courses:
 - DANC 3510, 3010
 - 1 hour from DANC 1580, 2580, 3580, 4580
 - 1 hour from DANC 1590, 2590, 3590, 4590

MUSC COURSES

THEORY OF MUSIC (MUSC)

- 1000 Music Literacy** **2 hrs. (2, 0)**
Development of basic skills and concepts in reading and writing music notation with emphasis on meter, rhythm, scales, keys, chords, and intervals.
- 1010 Theory I** **3 hrs. (3, 0)**
Introduction to the study of diatonic harmony and voice-leading, and review of fundamental musical concepts. Emphasis on formal analysis of baroque music. **CONSENT:** Department. **OFFERED:** Semester I.
- 1020 Theory II** **3 hrs. (3, 0)**
Continuing study of diatonic harmony and voice-leading with an introduction to chromatic harmony. Emphasis on formal analysis of classical music. **PREREQUISITE:** MUSC 1010. **OFFERED:** Semester II.
- 1030 Aural Comprehension I** **1 hr. (2, 0)**
Development of skills in sight-reading and ear-training for diatonic materials of tonal music. Emphasis on melodic, harmonic, and rhythmic dimensions. **COREQUISITE:** MUSC 1010. **OFFERED:** Semester I.
- 1040 Aural Comprehension II** **1 hr. (2, 0)**
Continuing development of skills in sight-reading and ear-training for diatonic tonal music with introduction of basic chromatic materials. Emphasis on melodic, harmonic, and rhythmic dimensions with consideration of textural and timbral aspects. **COREQUISITE:** MUSC 1020. **OFFERED:** Semester II.
- 2010 Theory III** **3 hrs. (3, 0)**
In-depth study of chromatic harmony and voice-leading. Emphasis on formal analysis of 19th-century music. **PREREQUISITE:** MUSC 1020. **OFFERED:** Semester I.
- 2020 Theory IV** **3 hrs. (3, 0)**
Survey of compositional techniques in 20th-century music. Emphasis on learning and applying new analytic strategies developed for contemporary music. **PREREQUISITE:** MUSC 2010. **OFFERED:** Semester II.
- 2030 Aural Comprehension III** **1 hr. (2, 0)**
Continued development of ear-training in melodic, rhythmic, and harmonic structures. Emphasis placed on chromatic materials. **COREQUISITE:** MUSC 2010. **OFFERED:** Semester I.
- 2040 Aural Comprehension IV** **1 hr. (2, 0)**
Continued development of ear-training in melodic, rhythmic, and harmonic structures. Emphasis placed on 20th-century materials. **COREQUISITE:** MUSC 2020. **OFFERED:** Semester II.
- 3030 Choral Arranging** **2 hrs. (2, 0)**
Methods and techniques of arranging and scoring for choral ensembles of various sizes and voicings. Includes use of computer notation software. **PREREQUISITE:** MUSC 1020, 1040. **OFFERED:** Semester I.
- 3040 Orchestration** **2 hrs. (2, 0)**
Study of characteristics of orchestral instruments. Introduction to band, symphonic, and jazz scoring. Practical experience in arranging for small combinations and full instrumental groups. Includes use of computer notation software. **PREREQUISITE:** MUSC 1020, 1040. **OFFERED:** Semester II.
- 3100 Counterpoint** **2 hrs. (2, 0)**
A survey of melodic and voice-leading procedures for music of the late 16th and 18th centuries. Focuses on solving contrapuntal problems and composing pieces in historical styles. **PREREQUISITE:** MUSC 1020, 1040.

MUSIC HISTORY AND LITERATURE (MUSC)

- 2110 Introduction to Music Literature** 2 hrs. (2, 0)
Introductory study of music literature. Required for music majors; not recommended for others. **CONSENT:** Department. **PREREQUISITE:** MUSC 1020, 1040. **OFFERED:** Each semester.
- 2200 Art as Experience** 3 hrs. (3, 0)
An inter-disciplinary introduction to performing and visual arts through first-hand experiences attending live performances and, when possible, participating in the activity and talking with the artists. Includes study of aesthetics, history, and craft. **OFFERED:** With sufficient demand.
- 2210 Music, the Arts, and Culture** 3 hrs. (3, 0)
An examination of major works of Western art music that employ elements of art, literature, film, drama, and dance, with emphasis on opera, oratorio, choral symphony, program symphony, ballet, and film music genres. A study of the processes by which selected works were conceived, composed, prepared, performed, received, and understood as expressions of the human experience. Does not count toward music major. **OFFERED:** Each semester.
- 2220 Music in Society** 2 hrs. (2, 0)
Studies in music to provide basis for understanding and appreciating artistic musical expression. Does not count toward music major. **OFFERED:** Semester I.
- 3110 History of Music: Medieval/Renaissance** 3 hrs. (3, 0)
General historical survey of music from classical antiquity through the Renaissance. **PREREQUISITE:** MUSC 2110. **OFFERED:** Semester I.
- 3120 History of Music: Baroque/Classic** 3 hrs. (3, 0)
General historical survey of music from 1650 to 1800. **PREREQUISITE:** MUSC 2110. **OFFERED:** Semester II.
- 3130 History of Music: 19th and 20th Centuries** 3 hrs. (3, 0)
General historical survey of Western Art music from the 19th century to the present. **PREREQUISITE:** MUSC 2110. **OFFERED:** Semester I.
- 3170 History of Music: Popular Music in the 20th Century** 3 hrs. (3, 0)
General historical survey of popular music from the late 19th century to the present, with emphasis on Western popular music. **PREREQUISITE:** MUSC 2110. **OFFERED:** Semester II.
- 3180 History of Music: Lyric Theatre** 3 hrs. (3, 0)
General historical survey of lyric theatre — opera, operetta, revue, musical theatre — from the 17th century to the present. **PREREQUISITE:** MUSC 2110. **OFFERED:** Semester II.
- 3220 World Music** 3 hrs. (3, 0)
Provides a framework for experiencing and understanding music from a variety of cultures, Western and non-Western. Focus on belief systems, social organization, cultural contexts, and musical materials for the purpose of identifying similarities and differences between cultures. **PREREQUISITE:** MUSC 1020.
- 3380 Piano Literature** 2 hrs. (2, 0)
Introduction to piano literature by historical style periods. **PREREQUISITE:** MUPF 1710, 2710. **OFFERED:** Semester II.
- 3390 Song Literature** 3 hrs. (3, 0)
A study of English, Italian, German, French, and American song literature since the late Renaissance. Emphasis on stylistic interpretation and vocal appropriateness. Music is performed by class participants. Recordings are also utilized. **EXPECTATION:** Four semesters of voice study. **OFFERED:** Semester II, 2014-2015.

CHURCH MUSIC (MUSC)

- 3150 Art, Faith, and Culture** 3 hrs. (3, 0)
Philosophical, sociological, historical, and theological perspectives on music and worship in the church with emphasis on understanding the role of music in expressions of faith. **OFFERED:** Semester I, 2015-16.
- 3160 Sacred Music: Past and Current Uses** 3 hrs. (3, 0)
Survey of how sacred song has been used and is currently used in worship setting in a variety of times and cultures. Emphasis given to the administration, selection, rehearsal and use of sacred music in the 21st century church. **OFFERED:** Semester II, 2015-16.
- 3800 Internship in Church Music** 3 hrs. (arranged)
In-depth experience in a local church with experienced minister involved full time in church music. **CONSENT:** Instructor. **PREREQUISITE:** MUSC 1010, 1030. **GRADE:** CR/NC registration. **OFFERED:** Each semester. May be repeated up to 3 hours.

ADDITIONAL MUSIC COURSES (MUSC)

- 1650 Independent Study** 1-4 hrs. (arranged)
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. **REPEAT:** May be repeated up to 4 hours.
- 2650 Independent Study** 1-4 hrs. (arranged)
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. **REPEAT:** May be repeated up to 4 hours.
- 3650 Independent Study** 1-4 hrs. (arranged)
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. **REPEAT:** May be repeated up to 4 hours.
- 4650 Independent Study** 1-4 hrs. (arranged)
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. **REPEAT:** May be repeated up to 4 hours.
- 4660 International Experience in the Arts** 1-4 hrs. (arranged)
This course is designed to give students academic credit for coursework and assignments completed in conjunction with an international experience offered through the Tri-S program. **CONSENT:** Instructor. **REPEAT:** May be repeated for credit.
- 4900 Seminar in Selected Topics** 1-4 hrs. (arranged)
Special music course offerings as determined by faculty.
- 4950 Senior Project** 3 hrs. (3, 0)
Creative projects which serve as a capstone experience for the Bachelor of Arts in Music. A proposal for the senior project must be submitted for approval. See School of Music, Theatre, and Dance Bulletin for guidelines and deadlines. **CONSENT:** Department. **OFFERED:** Each semester.

MUBS COURSES (MUSIC BUSINESS)

- 2010 Introduction to the Music Business** 3 hrs. (3, 0)
Overview of major players in the recording industry: record labels, Billboard charts, music distribution, and professional trade organizations. Also explores types of producers, artist management, booking, and concert promotion. **OFFERED:** Semester II. **SAME AS:** BSNS 2030.
- 2020 Introduction to Music Publishing** 3 hrs. (3, 0)
Overview of major players in the publishing industry. Copyright basics and revenue streams, including licensing music for recordings, performances, ringtones, television, film, video games, etc. **OFFERED:** Semester I. **SAME AS:** BSNS 2040.

- 2050 Jazz and Commercial Arranging** 2 hrs. (2, 0)
Techniques of arranging for large and small studio/jazz ensembles. **PREREQUISITE:** MUSC 1020, 1040. **OFFERED:** With sufficient demand.
- 2070 Songwriting** 2 hrs. (2, 0)
Techniques, philosophy, and principles of composing songs for various markets with emphasis on communication through effective lyrics. Related aspects of publishing, marketing, promotion, copyright law. **PREREQUISITE:** MUSC 1010, 1030. **OFFERED:** Semester I. **SAME AS:** BSNS 2070.
- 3100 Artist Development** 2 hrs. (2, 0)
Explores the development of the musical artist within the context of the music industry. The many forces of the music business that influence and shape the artist and the artistic product are investigated. **PREREQUISITE:** MUBS 2010, 2020. **OFFERED:** Semester II. **SAME AS:** BSNS 3140.
- 3210 Recording Techniques I** 3 hrs. (3, 1)
Introduction to audio technology, studio recording equipment, signal flow, studio session procedures, and recording production. **PREREQUISITE:** MUSC 1020, 1040. **OFFERED:** Each semester. **SAME AS:** BSNS 3250.
- 3220 Recording Techniques II** 2 hrs. (2, 1)
Guided experiences in audio recording techniques. Emphasis on recording projects using digital multi-track recording; MIDI sequencing; digital signal processing; and computer-based editing, mixing, and mastering. **PREREQUISITE:** MUBS 3210. **OFFERED:** Semester II. **SAME AS:** BSNS 3260.
- 3310 Legal Aspects of the Music Business** 2 hrs. (2, 0)
Selected topics in copyright management, music licensing, and publishing contracts. **PREREQUISITE:** MUBS 2010, 2020. **OFFERED:** With sufficient demand. **SAME AS:** BSNS 3310.
- 3350 Music Marketing** 3 hrs. (3, 0)
Recent trends in music marketing. Teams conduct a focus group, SWOT analysis, and write a marketing plan for an independent artist. **CONSENT:** Department. **PREREQUISITE:** MUBS 2010, 2020. **OFFERED:** Semester I. **SAME AS:** BSNS 3320.
- 3360 Beyond Talent: Entrepreneurship for Musicians** 2 hrs. (2, 0)
Practical application of skills necessary to create a successful career as a musician. Explores networking, marketing, publicity, and promotion for careers in performance, songwriting, and producing. **EXPECTATION:** Successful completion of UDPE. **OFFERED:** Semester II. **SAME AS:** BSNS 3360.
- 3370 Record Production** 2 hrs. (2, 0)
Examines the role of the producer and music production techniques required to create a successful recording. **PREREQUISITE OR COREQUISITE:** MUBS 3220, may register concurrently with MUBS 3220. **OFFERED:** Semester II. **SAME AS:** BSNS 3370.
- 3380 Concert Booking and Promotion** 2 hrs. (2, 0)
Examines the role of the concert promoter, booking agents, and support organizations. **PREREQUISITE:** MUBS 2010, 2020. **OFFERED:** Semester II. **SAME AS:** BSNS 3380.
- 3500 Current Topics in Music Business** 1 hr. (1, 0)
Guided writing assignments and class presentations focusing on current topics of interest to students of the music business. The writing process will involve developing a topic proposal, an abstract, an annotated list of sources, and a project outline, as well as composing a moderate-length term paper to be presented to the class. **PREREQUISITE:** MUBS 2010, 2020. **OFFERED:** With sufficient demand.
- 4500 Songwriter Showcase** 1 hr. (arranged)
Senior songwriters present a showcase of original works. Intended for songwriting majors only. **CONSENT:** Instructor.

- 4800 Internship in Music Business** **1-3 hrs. (arranged)**
 In-depth experience in selected music industry tailored to ability and needs of individual students. **CONSENT:** Instructor. **PREREQUISITE:** MUBS 2010, 2020. **OFFERED:** Each semester. May be repeated. **SAME AS:** BSNS 4810.
- 4900 Recording Label Seminar** **1-2 hrs. (1-2, 0)**
 Senior capstone course for music business majors. Focuses on selection, recording, management, and promotion of record label artists and projects. **EXPECTATION:** Typically taken for two semesters in senior year. May be repeated. Maximum of 4 hours of credit toward music business major. **CONSENT:** Instructor. **PREREQUISITE:** MUBS 2010, 2020. **OFFERED:** Each semester. **SAME AS:** BSNS 4900.

ADDITIONAL MUSIC BUSINESS COURSES (MUBS)

- 1650 Independent Study** **1-4 hrs. (arranged)**
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 2650 Independent Study** **1-4 hrs. (arranged)**
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 3650 Independent Study** **1-4 hrs. (arranged)**
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4650 Independent Study** **1-4 hrs. (arranged)**
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4660 International Experience in the Arts** **1-4 hrs. (arranged)**
 This course is designed to give students academic credit for coursework and assignments completed in conjunction with an international experience offered through the Tri-S program. **CONSENT:** Instructor. May be repeated up to 4 hours. **REPEAT:** May be repeated for credit.

MUED COURSES (MUSIC EDUCATION)

- 1000 Introduction to Music Education** **2 hrs. (2, 0)**
 Overview of the professional opportunities and challenges of teaching music in public and private schools. Includes field experiences. Grade of C or better required. **OFFERED:** Semester II.
- 1100 String Techniques** **1 hr. (2, 0)**
OFFERED: Semester I.
- 1200 Woodwind Techniques** **1 hr. (2, 0)**
OFFERED: Semester I.
- 1300 Brass Techniques** **1 hr. (2, 0)**
OFFERED: Semester II.
- 1400 Percussion Techniques** **1 hr. (2, 0)**
OFFERED: Semester II.
- 2110 Music for the Elementary Classroom** **2 hrs. (2, 0)**
 Basic skills, materials, and methods for using music to aid child development, enhance learning, and encourage creativity in the elementary classroom. **EXPECTATION:** Elementary education major. **OFFERED:** Each semester.
- 2470 Introduction to Conducting** **2 hrs. (3, 0)**
 Fundamentals of conducting, including beat patterns and styles, baton technique, starts,

- stops, cues, symmetric and asymmetric meters, dynamic shaping, use of left hand, and score reading. **PREREQUISITE:** MUSC 1020. **OFFERED:** Semester I.
- 2510 Singer's Diction I** **2 hrs. (2, 0)**
Fundamentals and usage of the International Phonetic Alphabet as applied to Italian and German. **OFFERED:** Semester II.
- 2520 Singer's Diction II** **2 hrs. (2, 0)**
Fundamentals and usage of the International Phonetic Alphabet as applied to French and English. **OFFERED:** Semester I.
- 3100 Music in the Middle School** **3 hrs. (3, 0)**
Materials and methods used for middle school general music and beginning choral and instrumental instruction. Includes study of early adolescent student development as it relates to music. Grade of C or better required. **EXPECTATION:** Successful completion of UDPE. **OFFERED:** Semester I.
- 3110 Music in the Elementary School** **3 hrs. (3, 0)**
Materials and methods of teaching music in the elementary school. Observation opportunities for music majors. **EXPECTATION:** Successful completion of UDPE. **OFFERED:** Semester I.
- 3120 Vocal Music in the Secondary School** **3 hrs. (3, 0)**
Materials and methods of teaching choral music in the secondary school. Observation opportunities for music majors. **EXPECTATION:** Successful completion of UDPE. **OFFERED:** Semester II.
- 3130 Instrumental Music Education** **3 hrs. (3, 0)**
Materials and methods available for instrumental groups at elementary and secondary levels. Observation opportunities for music majors. **EXPECTATION:** Successful completion of UDPE. **OFFERED:** Semester I.
- 3330 Instrumental Pedagogy** **2 hrs. (2, 0)**
Basic principles of instrumental playing, materials, and methods for teaching various instruments from elementary to advanced students. **EXPECTATION:** Successful completion of UDPE. **PREREQUISITE:** MUED 1100, 1200, 1300, 1400. **OFFERED:** Semester II.
- 3350 Voice Pedagogy** **2 hrs. (2, 0)**
Preparation in methods used in the art of singing through the organization of vocal terminology and techniques. Includes teaching experience. **EXPECTATION:** Successful completion of UDPE. **OFFERED:** Semester I.
- 3360 Issues in Voice Pedagogy** **1 hr. (1, 0)**
Seminar focuses on special problems and topics in voice pedagogy from MUED 3350. Areas covered include class voice instruction, mentored voice teaching experiences, master-class techniques, and studio management. **COREQUISITE:** MUED 3350. **OFFERED:** Semester I.
- 3370 Piano Pedagogy** **2 hrs. (2, 0)**
Representative methods and materials for early years of keyboard study. Includes teaching experience. **EXPECTATION:** Successful completion of UDPE. **OFFERED:** Semester I.
- 3460 Advanced Instrumental Techniques** **2 hrs. (2, 0)**
Focus on performance techniques and pedagogy related to technically demanding instruments. Designed to give students an in-depth understanding of highly specialized instruments. **EXPECTATION:** Successful completion of UDPE. **PREREQUISITE:** MUED 1200, 1300. **OFFERED:** Semester I.
- 3470 Advanced Choral Conducting** **2 hrs. (3, 0)**
Advanced conducting technique, choral diction, choral tone, body alignment, breathing technique, interpretation, rehearsal technique, and stylistic elements. **PREREQUISITE:** MUSC 2020, MUED 2470. **OFFERED:** Semester II.
- 3480 Advanced Instrumental Conducting** **2 hrs. (3, 0)**
Baton technique, score reading, performance, rehearsal techniques, psychology of conducting. **EXPECTATION:** The ability to play an orchestral instrument. **PREREQUISITE:** MUED 2470. **OFFERED:** Semester I.

- 3930 Seminar in German Diction** **1 hr. (1, 0)**
Seminar focuses on special problems and topics in German lyric diction. Conducted in a master-class format, the seminar includes both oral and written participation. **PREREQUISITE:** MUED 2510, 2520. **OFFERED:** With sufficient demand.
- 3940 Seminar in French Diction** **1 hr. (1, 0)**
Seminar focuses on special problems and topics in French lyric diction. Conducted in a master-class format, the seminar includes both oral and written participation. **PREREQUISITE:** MUED 2510, 2520. **OFFERED:** With sufficient demand.
- 4700 Methods of Teaching Music in the Public Schools** **2 hrs. (2, 0)**
Taught in conjunction with the professional semester. Materials and methods adapted to the specific areas and levels in which students are involved in student teaching. **PREREQUISITE:** MUED 3110, 3120, 3130. **OFFERED:** Each semester.

ADDITIONAL MUSIC EDUCATION COURSES (MUED)

- 1650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 2650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 3650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4660 International Experience in the Arts** **1-4 hrs. (arranged)**
This course is designed to give students academic credit for coursework and assignments completed in conjunction with an international experience offered through the Tri-S program. **CONSENT:** Instructor. May be repeated up to 4 hours. **REPEAT:** May be repeated for credit.

MUPF COURSES (MUSIC PERFORMANCE)

PRIVATE STUDY (MUPF) — HALF RECITALS (25-30 MINUTES)

CONSENT: Department. **REPEAT:** May be repeated.

- 3540 Voice Recital** **1 hr. (1, 1)**
- 3550 Keyboard Recital** **1 hr. (1, 1)**
- 3560 String/Guitar/Harp Recital** **1 hr. (1, 1)**
- 3570 Woodwind Recital** **1 hr. (1, 1)**
- 3580 Brass Recital** **1 hr. (1, 1)**
- 3590 Percussion Recital** **1 hr. (1, 1)**

*PRIVATE STUDY (MUPF) — FULL RECITALS (50-60 MINUTES)***CONSENT:** Department. **REPEAT:** May be repeated.

4540	Voice Recital	2 hrs. (2, 1)
4550	Keyboard Recital	2 hrs. (2, 1)
4560	String/Guitar/Harp Recital	2 hrs. (2, 1)
4570	Woodwind Recital	2 hrs. (2, 1)
4580	Brass Recital	2 hrs. (2, 1)
4590	Percussion Recital	2 hrs. (2, 1)

*APPLIED LESSONS (MUPF) — HALF HOUR, LOWER-DIVISION STUDY***CONSENT:** Department. **REPEAT:** May be repeated.

1700	Voice	1 hr. (1, 0)
1710	Piano	1 hr. (1, 0)
1720	Harpsichord	1 hr. (1, 0)
1730	Organ	1 hr. (1, 0)
1740	Violin	1 hr. (1, 0)
1750	Viola	1 hr. (1, 0)
1760	Cello	1 hr. (1, 0)
1770	Bass	1 hr. (1, 0)
1780	Flute/Piccolo	1 hr. (1, 0)
1790	Clarinet	1 hr. (1, 0)
1800	Oboe/English Horn	1 hr. (1, 0)
1810	Bassoon	1 hr. (1, 0)
1820	Saxophone	1 hr. (1, 0)
1830	Trumpet/Cornet	1 hr. (1, 0)
1840	French Horn	1 hr. (1, 0)
1850	Trombone	1 hr. (1, 0)
1860	Baritone/Euphonium	1 hr. (1, 0)
1870	Tuba	1 hr. (1, 0)
1880	Percussion	1 hr. (1, 0)
1885	Harp	1 hr. (1, 0)
1890	Guitar	1 hr. (1, 0)
1900	Composition	1 hr. (1, 0)

*APPLIED LESSONS (MUPF) — HALF HOUR, UPPER-DIVISION STUDY***CONSENT:** Department. **REPEAT:** May be repeated.

3700	Voice	1 hr. (1, 0)
3710	Piano	1 hr. (1, 0)
3720	Harpsichord	1 hr. (1, 0)
3730	Organ	1 hr. (1, 0)
3740	Violin	1 hr. (1, 0)
3750	Viola	1 hr. (1, 0)
3760	Cello	1 hr. (1, 0)
3770	Bass	1 hr. (1, 0)
3780	Flute/Piccolo	1 hr. (1, 0)
3790	Clarinet	1 hr. (1, 0)
3800	Oboe/English Horn	1 hr. (1, 0)
3810	Bassoon	1 hr. (1, 0)

3820	Saxophone	1 hr. (1, 0)
3830	Trumpet/Cornet	1 hr. (1, 0)
3840	French Horn	1 hr. (1, 0)
3850	Trombone	1 hr. (1, 0)
3860	Baritone/Euphonium	1 hr. (1, 0)
3870	Tuba	1 hr. (1, 0)
3880	Percussion	1 hr. (1, 0)
3885	Harp	1 hr. (1, 0)
3890	Guitar	1 hr. (1, 0)
3900	Composition	1 hr. (1, 0)

APPLIED LESSONS (MUPF) — ONE HOUR, LOWER-DIVISION STUDY

CONSENT: Department. REPEAT: May be repeated.

2700	Voice	1-3 hrs. (1-3, 0)
2710	Piano	1-3 hrs. (1-3, 0)
2720	Harpsichord	1-3 hrs. (1-3, 0)
2730	Organ	1-3 hrs. (1-3, 0)
2740	Violin	1-3 hrs. (1-3, 0)
2750	Viola	1-3 hrs. (1-3, 0)
2760	Cello	1-3 hrs. (1-3, 0)
2770	Bass	1-3 hrs. (1-3, 0)
2780	Flute/Piccolo	1-3 hrs. (1-3, 0)
2790	Clarinet	1-3 hrs. (1-3, 0)
2800	Oboe/English Horn	1-3 hrs. (1-3, 0)
2810	Bassoon	1-3 hrs. (1-3, 0)
2820	Saxophone	1-3 hrs. (1-3, 0)
2830	Trumpet/Cornet	1-3 hrs. (1-3, 0)
2840	French Horn	1-3 hrs. (1-3, 0)
2850	Trombone	1-3 hrs. (1-3, 0)
2860	Baritone/Euphonium	1-3 hrs. (1-3, 0)
2870	Tuba	1-3 hrs. (1-3, 0)
2880	Percussion	1-3 hrs. (1-3, 0)
2885	Harp	1-3 hrs. (1-3, 0)
2890	Guitar	1-3 hrs. (1-3, 0)
2900	Composition	1-3 hrs. (1-3, 0)

APPLIED LESSONS (MUPF) — ONE HOUR, UPPER-DIVISION STUDY

CONSENT: Department. REPEAT: May be repeated.

4700	Voice	1-3 hrs. (1-3, 0)
4710	Piano	1-3 hrs. (1-3, 0)
4720	Harpsichord	1-3 hrs. (1-3, 0)
4730	Organ	1-3 hrs. (1-3, 0)
4740	Violin	1-3 hrs. (1-3, 0)
4750	Viola	1-3 hrs. (1-3, 0)
4760	Cello	1-3 hrs. (1-3, 0)
4770	Bass	1-3 hrs. (1-3, 0)
4780	Flute/Piccolo	1-3 hrs. (1-3, 0)
4790	Clarinet	1-3 hrs. (1-3, 0)
4800	Oboe/English Horn	1-3 hrs. (1-3, 0)

4810	Bassoon	1-3 hrs. (1-3, 0)
4820	Saxophone	1-3 hrs. (1-3, 0)
4830	Trumpet/Cornet	1-3 hrs. (1-3, 0)
4840	French Horn	1-3 hrs. (1-3, 0)
4850	Trombone	1-3 hrs. (1-3, 0)
4860	Baritone/Euphonium	1-3 hrs. (1-3, 0)
4870	Tuba	1-3 hrs. (1-3, 0)
4880	Percussion	1-3 hrs. (1-3, 0)
4885	Harp	1-3 hrs. (1-3, 0)
4890	Guitar	1-3 hrs. (1-3, 0)
4900	Composition	1-3 hrs. (1-3, 0)

CLASS STUDY (MUPF)

1010	Class Lessons in Voice I	1 hr. (1, 0)
	CONSENT: Instructor. OFFERED: Semester I.	
1020	Class Lessons in Voice II	1 hr. (1, 0)
	CONSENT: Instructor. OFFERED: Semester II.	
1030	Class Lessons in Piano I	1 hr. (1, 0)
	Beginning piano for students not majoring or minoring in music. Enrollment limited to the number of available keyboards. OFFERED: Each semester.	
1040	Class Lessons in Piano II	1 hr. (1, 0)
	Beginning piano for students not majoring or minoring in music. Enrollment limited to the number of available keyboards. CONSENT: Instructor. OFFERED: With sufficient demand.	
1050	Keyboard Class I	2 hrs. (2, 0)
	For majors and minors with limited piano background. CONSENT: Department. OFFERED: Each semester.	
1060	Keyboard Class II	2 hrs. (2, 0)
	For majors and minors who have completed MUPF 1050 with a grade of C- or better, are enrolled in private piano, or have exempted MUPF 1050 by examination. EXPECTATION: Grade of C- or better in MUPF 1050 or exempted by examination. CONSENT: Department. OFFERED: Each semester.	
1410	Class Lessons in Guitar I	1 hr. (1, 0)
	REPEAT: May be repeated. OFFERED: Each semester.	
1420	Class Lessons in Guitar II	1 hr. (1, 0)
	REPEAT: May be repeated. OFFERED: Each semester.	
1500	World Drumming	1 hr. (1, 0)
	Experiences in learning history and performance techniques of world percussion. Areas of study will include Latin-American, Afro-Cuban, African, and Brazilian drumming, along with cultural and folkloric history. No previous percussion experience or instrument required.	
1520	Accompanying I	0-1 hrs. (1, 0)
	Study in art of keyboard accompaniment for voice or instrumental solos and small ensembles. CONSENT: Department. REPEAT: May be repeated. OFFERED: Semester I.	
1530	Accompanying II	0-1 hrs. (1, 0)
	Study in art of keyboard accompaniment for voice or instrumental solos and small ensembles. CONSENT: Department. REPEAT: May be repeated. OFFERED: Semester II.	
2030	Advanced Small-Group Piano I	1 hr. (1, 0)
	CONSENT: Instructor. OFFERED: With sufficient demand.	

- 2040 Advanced Small-Group Piano II** 1 hr. (1, 0)
CONSENT: Instructor. **OFFERED:** With sufficient demand.
- 2060 Jazz Improvisation** 2 hrs. (2, 0)
 Study of techniques and materials for improvisation through performance. **CONSENT:** Instructor. **EXPECTATION:** Successful completion of UDPE. **PREREQUISITE:** MUSC 1020, 1040; MUPF 1060. **OFFERED:** Semester I, 2015-16.
- 4910 Seminar in Audition Techniques** 2 hrs. (2, 0)
 Seminar on the techniques of the audition process. Auditions covered include graduate school, opera, concert/oratorio, and musical theatre. Conducted in a master-class format, the seminar includes both oral and written participation. **CONSENT:** Instructor. **OFFERED:** Semester I. **SAME AS:** MUTR 4910.

ENSEMBLES (MUPF)

By audition. **REPEAT:** May be repeated.

- 1070 Women's Chorus** 0-1 hrs. (arranged)
1080 Chorale 0-1 hrs. (arranged)
1090 University Choir 0-1 hrs. (arranged)
1150 Opera Production 0-1 hrs. (arranged)
1160 Music Theatre Production 0-1 hrs. (arranged)
1170 Lyric Theatre Workshop 0-1 hrs. (arranged)
SAME AS: THEA 1170.
- 1180 Men's Choir** 0-1 hrs. (arranged)
1190 Instrumental Ensemble 0-1 hrs. (arranged)
1210 Duo Piano 0-1 hrs. (arranged)
1230 Jazz Combo 0-1 hrs. (arranged)
1250 Chamber Winds 0-1 hrs. (arranged)
1260 Concert Band 0-1 hrs. (arranged)
1270 Symphonic Wind Ensemble 0-1 hrs. (arranged)
1280 Jazz Ensemble 0-1 hrs. (arranged)
1290 Anderson Symphony Orchestra 0-1 hrs. (arranged)
CONSENT: Instructor.
- 1310 Anderson Symphonic Choir** 0-1 hrs. (arranged)
1330 Orchestra 0-1 hrs. (arranged)
1350 Guitar Ensemble 0-1 hrs. (arranged)
1360 Brass Ensemble 0-1 hrs. (arranged)
1370 Woodwind Ensemble 0-1 hrs. (arranged)
1380 String Ensemble 0-1 hrs. (arranged)
1390 Percussion Ensemble 0-1 hrs. (arranged)
1430 Handbell Ensemble 0-1 hrs. (arranged)

ADDITIONAL MUSIC PERFORMANCES COURSES (MUPF)

- 1650 Independent Study** 1-4 hrs. (arranged)
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 2650 Independent Study** 1-4 hrs. (arranged)
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.

- 3650 Independent Study** **1-4 hrs. (arranged)**
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4650 Independent Study** **1-4 hrs. (arranged)**
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4660 International Experience in the Arts** **1-4 hrs. (arranged)**
 This course is designed to give students academic credit for coursework and assignments completed in conjunction with an international experience offered through the Tri-S program. **CONSENT:** Instructor. **CONSENT:** May be repeated for credit.

MUTR COURSES (MUSICAL THEATRE)

- 2250 Stage Diction I — Fundamentals** **2 hrs. (2, 0)**
 Introduces and develops speech techniques for the actor, specifically in the areas of relaxation, posture and alignment, respiration, phonation, registration, resonance, and articulation. **PREREQUISITE:** THEA 2110. **OFFERED:** Semester II. **SAME AS:** THEA 2250.
- 2410 Voice and Movement for the Actor I** **2 hrs. (2, 0)**
 The study and performance of solo and small ensemble works for musical theatre. Preparation will combine music, acting, and movement incorporating the principles learned in Acting I, Acting II, voice, and dance classes. **PREREQUISITE:** THEA 2120. **OFFERED:** Semester I. **SAME AS:** THEA 2410.
- 2420 Voice and Movement for the Actor II** **2 hrs. (2, 0)**
 The continuation of Voice and Movement for the Actor I, with an emphasis on more advanced repertoire, requiring a higher level of synthesis of voice and movement skills. **PREREQUISITE:** MUTR 2410. **OFFERED:** Semester II. **SAME AS:** THEA 2420.
- 3210 Musical Theatre Styles I** **2 hrs. (2, 0)**
 A practical application course which focuses on learning the ways in which musical and textual understanding inform the interpretation and performance of acting and singing techniques in various musical theatre forms, from the 1920s to the early 1960s. **PREREQUISITE:** Upper-division standing. **OFFERED:** Semester I. **SAME AS:** THEA 3210.
- 3220 Musical Theatre Styles II** **2 hrs. (2, 0)**
 A practical application course which focuses on learning the ways in which musical and textual understanding inform the interpretation and performance of acting and singing techniques in various musical theatre forms, from the mid-1960s to the present. **PREREQUISITE:** MUTR 3210. **OFFERED:** Semester II. **SAME AS:** THEA 3220.
- 4500 Musical Theatre Showcase** **2 hrs. (2, 0)**
 Overview studio course for graduating musical theatre majors. Coursework involves repertoire from genres of musical theatre appropriate for each individual. Course will culminate in a showcase performance presented at the end of the semester. **CONSENT:** Department. **OFFERED:** Semester II. **SAME AS:** THEA 4500.
- 4910 Seminar in Audition Techniques** **2 hrs. (2, 0)**
 Seminar on the techniques of the audition process. Auditions covered include graduate school, opera, concert/oratorio, and musical theatre. Conducted in a master-class format, the seminar includes both oral and written participation. **CONSENT:** Instructor. **OFFERED:** Semester I. **SAME AS:** MUPF 4910.

ADDITIONAL MUSICAL THEATRE COURSES (MUTR)

- 1650 Independent Study** **1-4 hrs. (arranged)**
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 2650 Independent Study** **1-4 hrs. (arranged)**
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 3650 Independent Study** **1-4 hrs. (arranged)**
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4650 Independent Study** **1-4 hrs. (arranged)**
 Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4660 International Experience in the Arts** **1-4 hrs. (arranged)**
 This course is designed to give students academic credit for coursework and assignments completed in conjunction with an international experience offered through the Tri-S program. **CONSENT:** Instructor. **REPEAT:** May be repeated for credit.

THEA COURSES

- 1170 Lyric Theatre Workshop** **0-1 hrs. (arranged)**
 Admission by audition. **REPEAT:** May be repeated. **SAME AS:** MUPF 1170.
- 2110 Acting I** **3 hrs. (3, 0)**
 Introduction to the fundamentals of the acting process through exercises and scene study. **OFFERED:** Semester I.
- 2120 Acting II** **3 hrs. (3, 0)**
 An introduction to the principles of design for scenery, properties, lighting, sound, costuming, make-up and hair, and the basics of stage management. **PREREQUISITE:** None. **OFFERED:** Semester I.
- 2210 Stagecraft** **3 hrs. (3, 0)**
 An introduction to basic stagecraft practices through lectures, labs, and practical experience, including safe and proper use of power and hand tools, scenery building, scene painting, theatrical lighting, basic stage management, properties, and sound.
- 2220 Theatre Genres and Analysis** **2 hrs. (2, 0)**
 Introduction to the concepts and techniques of script analysis through the study of the historical genres of theatre. **OFFERED:** Semester I.
- 2250 Stage Diction I — Fundamentals** **2 hrs. (2, 0)**
 Introduces and develops speech techniques for the actor, specifically in the areas of relaxation, posture and alignment, respiration, phonation, registration, resonance, and articulation. **PREREQUISITE:** THEA 2110. **OFFERED:** Semester II. **SAME AS:** MUTR 2250.
- 2350 Acting for Everyone** **2 hrs. (2, 0)**
 Designed to introduce students to the fundamental principles of performance. Emphasis will be placed on Spolin-styled theatre games and developing competent improvisational skills. Open to all students.
- 2410 Voice and Movement for the Actor I** **2 hrs. (2, 0)**
 The study and performance of solo and small ensemble works for musical theatre. Preparation combines music, acting, and movement incorporating the principles learned in Acting I, Acting II, voice, and dance classes. **PREREQUISITE:** THEA 2120. **OFFERED:** Semester I. **SAME AS:** MUTR 2410.
- 2420 Voice and Movement for the Actor II** **2 hrs. (2, 0)**
 The continuation of Voice and Movement for the Actor I, with an emphasis on more

- advanced repertoire, requiring a higher level of synthesis of voice and movement skills. **PRE-REQUISITE:** THEA 2410. **OFFERED:** Semester II. **SAME AS:** MUTR 2420.
- 2500 Appreciation of Drama** 2 hrs. (2, 0)
Development of dramatic literacy through examination of a wide variety of dramatic themes and forms. Study and participation in dramatic criticism and theory.
- 2890 Acting/Production Practicum** 1 hr. (arranged)
Practical experience in theatre, particularly related to productions in the university's theatrical season. Open to all students. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **OFFERED:** Each semester.
- 3010 History, Theory, and Drama of Theatre I: Beginnings to Romanticism** 4 hrs. (4, 0)
A chronological survey of the various arts, crafts, theory/criticism, and literature of Western theatre from its earliest origins to the mid 1500s. Open to all students. **OFFERED:** 2014-15.
- 3020 History, Theory, and Drama of Theatre II: Romanticism to Present** 4 hrs. (4, 0)
A chronological survey of the various arts, crafts, theory/criticism, and literature of Western theatre from the mid 1500s to the present. Attention will also be given to film and performance art. Open to all students. **OFFERED:** 2015-16.
- 3110 Acting III** 3 hrs. (3, 0)
Further character development through monologue, scene study, text analysis, and exercises. **PREREQUISITE:** THEA 2120. **OFFERED:** Semester I.
- 3120 Acting IV** 3 hrs. (3, 0)
Study and performance of monologues and scenes from classical dramatic literature, including Greek theatre, Shakespeare, Ibsen, Chekov, and others. **PREREQUISITE:** THEA 3110. **OFFERED:** Semester II.
- 3210 Musical Theatre Styles I** 2 hrs. (2, 0)
A practical application course which focuses on learning the ways in which musical and textual understanding inform the interpretation and performance of acting and singing techniques in various musical theatre forms, from the 1920s to the early 1960s. **PREREQUISITE:** Upper-division standing. **OFFERED:** Semester I. **SAME AS:** MUTR 3210
- 3220 Musical Theatre Styles II** 2 hrs. (2, 0)
A practical application course which focuses on learning the ways in which musical and textual understanding inform the interpretation and performance of acting and singing techniques in various musical theatre forms, from the mid-1960s to the present. **PREREQUISITE:** THEA 3210. **OFFERED:** Semester II. **SAME AS:** MUTR 3220.
- 3300 Acting Methods** 3 hrs. (3, 3)
Designed for majors who have demonstrated superior performance skills. Focus will be on the American method school of acting, utilizing extensive scene study. **CONSENT:** Instructor. **PREREQUISITE:** THEA 2350; open only to majors. **OFFERED:** 2015-16.
- 3400 Play Directing and Production** 4 hrs. (3, 2)
Covers directing techniques and theories for the theatre, including selecting, analyzing, casting, and rehearsing plays for production. **PREREQUISITE:** THEA 3300. **OFFERED:** 2015-16.
- 3500 Scenography** 3 hrs. (3, 2)
Teaches the theory and practice of designing stage scenery, along with modern construction practices. Open to all students. **OFFERED:** 2014-15.
- 3550 Lighting Design** 3 hrs. (3, 2)
Teaches the theory and practice of theatrical lighting. Open to all students. **OFFERED:** 2015-16.
- 4500 Musical Theatre Showcase** 2 hrs. (2, 0)
Overview studio course for graduating musical theatre majors. Coursework involves repertoire from genres of musical theatre appropriate for each individual. Course will culminate in a showcase performance presented at the end of the semester. **CONSENT:** Permission of department. **OFFERED:** Semester II. **SAME AS:** MUTR 4500.

- 4800 Senior Project** **1-4 hrs. (arranged)**
Students complete portfolio and present final performance/production. The latter requirement also may be filled through an approved internship with a professional theatre company. Students wishing to advance to a Master of Arts program may also complete a paper for presentation at an approved conference. **EXPECTATION:** All required coursework. **OFFERED:** On demand.
- 4900 Seminar in Theatre Studies** **3 hrs. (3, 0)**
Specialized course focusing on various periods of theatrical history, performance genres, and/or theory. Topics vary. Open to all departmental majors (others with instructor's approval). **PREREQUISITE:** THEA 3010, 3020. **REPEAT:** May be repeated.
- 4910 Seminar in Performance Practices** **3 hrs. (3, 1)**
Specialized course focusing on both the study and practice of various performance skills/arts. Topics vary. Open to departmental majors and minors (others with instructor's approval). **PREREQUISITE:** THEA 2350. **REPEAT:** May be repeated. **OFFERED:** 2014-15.

ADDITIONAL THEATRE COURSES (THEA)

- 1650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 2650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 3650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4660 International Experience in the Arts** **1-4 hrs. (arranged)**
This course is designed to give students academic credit for coursework and assignments completed in conjunction with an international experience offered through the Tri-S program. **CONSENT:** Instructor. **REPEAT:** May be repeated for credit.

DANC COURSES

- 1120 Tap I** **1 hr. (2, 0)**
A beginning-level class for the development of tap dance technique. Tap shoes required. **REPEAT:** May be repeated for credit. **OFFERED:** Semesters I and II.
- 1150 Dance Repertory** **0-1 hrs. (arranged)**
Ensemble, by audition. Participation in annual staged dance productions and ensembles. **REPEAT:** May be repeated for credit. **OFFERED:** Each semester.
- 1220 Modern Dance I** **1 hr. (2, 0)**
Beginner/intermediate-level course introducing a foundation in modern dance technique. **REPEAT:** May be repeated for credit. **OFFERED:** Semesters I and II.
- 1320 Jazz Dance I** **1 hr. (3, 0)**
A study of jazz techniques and styles. Designed for the student with no training in any dance form. Designed to introduce the student to a wide variety of movement. **REPEAT:** May be repeated for credit. **OFFERED:** Semesters I and II.
- 1420 Ballet I** **1 hr. (2, 0)**
A study of basic foot, hand, and body positions in ballet. Designed for the student with no

- previous ballet training. Includes fundamental ballet exercises at barre, as well as center work and beginning combinations. **REPEAT:** May be repeated for credit. **OFFERED:** Semesters I and II.
- 1580 Dance Improvisation I** **1 hr. (2, 0)**
Introduces students to spontaneous creation through words, sketches, sounds, and movement. Explores the topics of “body in space” and use of “negative space.” Focuses on individual improvisation and the student’s ability to work within a given structure, time, and space with an introduction to group improvisation. **OFFERED:** Semester II.
- 1590 Dance Composition I** **1 hr. (2, 0)**
Introduction to the basic building blocks of composition and choreography, including stage areas (proscenium and round), weight of space, symmetry, asymmetry, unison, counterpoint, canon, round, retrograde, chaos, and varying levels of musical phrasing and vocabulary as a means of structuring movement. Covers basic concepts in music theory and theatrical staging and directing. **OFFERED:** Semester I.
- 2110 Musical Theatre Dance Forms** **1 hr. (2, 0)**
This course is designed for the singing actor. Focuses on development of a repertoire of fundamental “singer-mover” dance steps while learning the historical range of styles from vaudeville to contemporary music theatre. **REPEAT:** May be repeated for credit. **OFFERED:** Semester II.
- 2120 Tap II** **1 hr. (2, 0)**
A continuation of Tap I, designed for the intermediate-level student with at least one semester of tap. This course will introduce students to more in-depth exercises designed to promote vocabulary and skill level, as well as the development of performance technique. **REPEAT:** May be repeated for credit. **OFFERED:** Semesters I and II.
- 2130 World Dance Forms** **1 hr. (2, 0)**
An introduction to traditional ethnic and tribal dance forms from various world cultures. Styles covered vary with each offering and include the traditional dances of Africa, Cuba, Eastern Europe, India, and China. **CONSENT:** Instructor. **REPEAT:** May be repeated for credit. **OFFERED:** Summer session 2015.
- 2220 Modern Dance II** **1 hr. (2, 0)**
A continuation of Modern Dance I, designed for the intermediate-level student with at least one semester of modern dance. The purpose of this course is to develop additional techniques and basic principles of modern dance. **REPEAT:** May be repeated for credit. **OFFERED:** Semesters I and II.
- 2320 Jazz Dance II** **1 hr. (3, 0)**
A continuation of Jazz Dance I, designed for the intermediate-level student with at least one semester of jazz dance study. This course will introduce the student to more complex dynamics, styles, and combinations. **REPEAT:** May be repeated for credit. **OFFERED:** Semesters I and II.
- 2420 Ballet II** **1 hr. (2, 0)**
A continuation of Ballet I. Open to intermediate-level students with previous dance training. Continuing development of ballet techniques and principles, focusing on correct placement and fundamental technique. **REPEAT:** May be repeated for credit. **OFFERED:** Semesters I and II.
- 2580 Dance Improvisation II** **1 hr. (2, 0)**
Focuses on the concept of “bodies in space” and develops the ability to hone and use proprioception (the sense of the relative position of neighboring parts and bodies). Students sharpen their ability to improvise within a group setting while remaining aware of the group’s ebb and flow, motif and structure, and overall cohesiveness. Use of contact improvisation will be introduced. **PREREQUISITE:** DANC 1580. **OFFERED:** Semester II.
- 2590 Dance Composition II** **1 hr. (2, 0)**
Explores the choreographic concepts of time, space, shape, energy, and dynamics, as well as the concepts of form and style. Students construct compositional studies using these concepts and those learned in the previous level. Topics of motif, ABA and ABA prime structures, and theme and variation will be discussed. **PREREQUISITE:** DANC 1590. **OFFERED:** Semester I.

- 3000 Dance in the Global Community** 3 hrs. (3, 0)
 Liberal arts and introductory course in the appreciation and understanding of dance in the global community. This course explores how the sacred and secular fit into the social, religious, and political approaches to dance. **OFFERED:** Semester I, 2014.
- 3010 Dance History Survey** 3 hrs. (3, 0)
 A survey of the development of humankind through dance, from primitive times to the present, with special focus on ballet and dance in America. **PREREQUISITE:** A minimum of 4 credit hours in the DANC caption. **OFFERED:** Semester II, 2014.
- 3050 Dance Pedagogy** 3 hrs. (3, 0)
 Explores the theories and practices of teaching modern and ballet classes and the basic structures and theories behind all dance classes. Students develop a critical eye for correcting technique in dancers and begin the process of building their own approach to teaching. **OFFERED:** Semester II, 2016.
- 3060 Laban Movement Analysis** 3 hrs. (3, 0)
 This class uses a system of observation and notation to aid students in their understanding of dance, movement, and gesture. It introduces the science of Laban movement analysis to qualitatively deconstruct movement and movement choice through specific quantitative movement studies. **OFFERED:** Summer session 2015. **PREREQUISITE:** DANC 4500 or permission of instructor.
- 3120 Tap III** 1 hr. (2, 0)
 A continuation of Tap II, this intermediate/advanced-level course includes tap choreography. **REPEAT:** May be repeated for credit. **OFFERED:** Semester II. **CONSENT:** Department.
- 3220 Modern Dance III** 1 hr. (2, 0)
 A continuation of Modern Dance II, this intermediate-level course includes the application of more complex technique principles and may focus on specific techniques, including Graham, Horton, and Humphrey/Limón. **REPEAT:** May be repeated for credit. **OFFERED:** Semester I. **CONSENT:** Department.
- 3320 Jazz Dance III** 1 hr. (3, 0)
 A continuation of Jazz Dance II, this intermediate-level course is designed to prepare the student for jazz improvisation, with emphasis on improvement of technique, style, and performance. **REPEAT:** May be repeated for credit. **OFFERED:** Semesters I and II. **CONSENT:** Department.
- 3420 Ballet III** 1 hr. (2, 0)
 A continuation of Ballet II, this intermediate-level course presents a deeper kinesthetic understanding of ballet fundamentals and sharpens physical presentation of technique. **REPEAT:** May be repeated for credit. **OFFERED:** Semesters I and II. **CONSENT:** Department.
- 3510 Period Dance** 2 hrs. (2, 0)
 Research and execution of movement from representative social dances of various historical periods. **OFFERED:** Semester I, summer session 2015. **REPEAT:** May be repeated for credit. **CONSENT:** Instructor.
- 3520 Pointe** 1 hr. (2, 0)
 A study of the basic technique of pointe work as well as more advanced concepts and techniques. Designed for the student with several years of training and basic pointe work. Includes pointe exercises at the barre, center work, and variations. **OFFERED:** Semester II. **CONSENT:** Instructor.
- 3530 Partnering for Ballet and Modern Dance** 1 hr. (2, 0)
 A study of the basic technique of partnering work including pas de deux in ballet and effort/energy lifts/weight sharing in modern dance. Designed for student at intermediate- or advanced-level in ballet and modern dance technique. **OFFERED:** Semester I. **CONSENT:** Instructor. **REPEAT:** May be repeated for credit.

- 3580 Dance Improvisation III** **1 hr. (2, 0)**
 Explores the technique of contact improvisation. Students continue to develop their sense of space, time, and proprioception while learning the techniques, mechanics, and physics of partnering, lifting, and weight sharing. Students also learn the skills of improvisation as a performance art, and its use in dance. Students will explore whole improvisational pieces, as well as improvisation throughout existing and structured works. **PREREQUISITE:** DANC 2580. **OFFERED:** Semester II.
- 3590 Dance Composition III** **1 hr. (2, 0)**
 Explores the ideas of rise and fall, arching themes, storylines, abstraction, and overall cohesiveness as it relates to choreography. Students critique videos, magazine articles, and newspaper articles as they relate to topics discussed in class. Includes character development, relationships between dancers, and music selection. **PREREQUISITE:** DANC 2590. **OFFERED:** Semester I.
- 4220 Modern Dance IV** **1 hr. (2, 0)**
 A continuation of Modern Dance III, this intermediate/advanced-level course emphasizes technique and repertoire. **REPEAT:** May be repeated for credit. **OFFERED:** Semester II. **CONSENT:** Department.
- 4320 Jazz Dance IV** **1 hr. (3, 0)**
 A continuation of Jazz Dance III, this intermediate/advanced-level course emphasizes technique and improvement of dance rhythms, dynamics, special awareness, and projection as a means of creating variety in dance. **REPEAT:** May be repeated for credit. **CONSENT:** Department.
- 4420 Ballet IV** **1 hr. (2, 0)**
 A continuation of Ballet III, this intermediate/advanced-level course continues to develop techniques using barre, center work, and choreography. Emphasis on body placement, musicality, and advanced skills. **REPEAT:** May be repeated for credit. **OFFERED:** Semester II. **CONSENT:** Department.
- 4500 Dance Anatomy and Kinesiology** **2 hrs. (2, 0)**
 Basic principles of anatomy and kinesiology and an investigation of the human body and how it works through dance and movement. Importance placed on functionality and structure of the muscular, skeletal, and nervous systems. **PREREQUISITE:** Upper-division standing. **CONSENT:** Instructor. **OFFERED:** Semester II, 2014.
- 4590 Dance Composition IV** **1 hr. (2, 0)**
 Topics include non-rhythmical music, ambient music, environmental music, improvisation as a choreographic tool, and sight-specific works. This class culminates in a student dance concert. **PREREQUISITE:** DANC 3590. **OFFERED:** Semester I.
- 4800 Internship in Dance** **1-3 hrs. (arranged)**
 In-depth experience in selected dance-related business tailored to the abilities and needs of the individual student. **PREREQUISITE:** Upper-division standing. May be repeated up to 3 hours. **CONSENT:** Instructor.
- 4910 Seminar in Audition Techniques for Dancers** **2 hrs. (2, 0)**
 Seminar in the techniques of the audition process. Auditions covered include graduate school, dance company, and musical theatre. Conducted in a master-class format, the seminar includes both oral and written participation. **PREREQUISITE:** Upper-division standing. **OFFERED:** Semester I.

ADDITIONAL DANCE COURSES (DANC)

- 1650 Independent Study** **1-4 hrs., arranged**
Expanded experience in a topic area of student choice with approval from the dance area coordinator. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 2650 Independent Study** **1-4 hrs., arranged**
Expanded experience in a topic area of student choice with approval from the dance area coordinator. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 3650 Independent Study** **1-4 hrs., arranged**
Expanded experience in a topic area of student choice with approval from the dance area coordinator. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4650 Independent Study** **1-4 hrs., arranged**
Expanded experience in a topic area of student choice with approval from the dance area coordinator. **CONSENT:** Instructor. May be repeated up to 4 hours.
- 4660 International Experience in the Arts** **1-4 hrs., arranged**
This course is designed to give students academic credit for coursework and assignments completed in conjunction with an international experience offered through the Tri-S program. **CONSENT:** Instructor. **CONSENT:** May be repeated for credit.
- 4900 Seminar in Selected Topics** **1-4 hrs., arranged**
Special dance courses as determined by the faculty. **CONSENT:** Instructor. **REPEAT:** May be repeated for credit.

School of Nursing

Dr. Williams, dean; Prof. Cary, Prof. Neal, Prof. Shockey Carter, Prof. Travis, Prof. Pierce, Prof. Schmidt, Prof. Weller, Prof. Osborn, Prof. Eaton

PROFESSIONAL NURSING

Anderson University offers a four-year Bachelor of Science in Nursing (BSN) that emphasizes analytical skills, a liberal arts perspective, and expertise as a baccalaureate generalist. The BSN focuses on developing the student for beginning practice as a member of the profession who is a provider, educator, scholar, designer, manager, and coordinator of care. Students are taught to design innovative nursing care for individuals, families, communities, and populations with complex health states in a variety of health-care settings across the lifespan. The program is based on the Self-Care Deficit model of nursing, which emphasizes the patient's ability to maintain or regulate health.

Upon completion of the first year of prerequisites, students may be eligible for progression to nursing courses beginning in the sophomore year. Supporting and liberal arts courses are taken throughout the four-year curriculum and provide the basis for effective nursing practice and an understanding of the human experience. Transfer credit is evaluated by the university registrar and the dean of the School of Nursing or his/her designate.

All students must maintain a cumulative GPA of 2.00 or better for continuance in the nursing program. To advance, a minimum grade of C must be earned in each nursing class. Students must also demonstrate proficiency in designing nursing care that creates a safe patient environment resulting in high-quality patient outcomes and must receive a satisfactory clinical evaluation to successfully complete any course. Upon graduation, students are eligible to take the National Council Licensure Examination (NCLEX). A national NCLEX predictor computerized examination will be given during the second semester of the senior year.

Clinical experiences may include day, evening, and weekend hours. An accumulation of two failures in nursing courses results in dismissal from the program. Students with extended progression times in the nursing major will meet nursing requirements of the class with which they graduate.

The program has received full accreditation from the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, DC 20036, and approval from the Indiana State Board of Nursing. Additionally, the School of Nursing offers a master's degree program with four tracks: nursing administration; nursing education; nursing informatics; and the MSN-MBA, a dual-degree option. Further information about this program is available at www.anderson.edu/academics/nursing. For students considering graduate school, the faculty recommends PSYC 2440, Applied Statistics and Introduction to Research, to meet the liberal arts math requirement.

All who wish to major in nursing must be formally admitted to the School of Nursing. Acceptance to the School of Nursing is on a competitive basis. The requirements are below.

ADMISSION TO THE BACHELOR OF SCIENCE IN NURSING

ADVANCED ACCEPTANCE *(for those who apply as high school seniors)*

Requirements for consideration for advanced acceptance:

- Cumulative high school GPA of 3.5 or better
- Two years of high school math, including algebra
- Three years of high school science, including biology and chemistry
- Minimum SAT total score (verbal plus math) of 1050 or a minimum ACT composite score of 21

ACCEPTANCE (*for current students*)

Students applying for admission to the major in the sophomore year must meet the following criteria and will be considered on a competitive and space-available basis:

- Grade of C or above in PSYC 2000; BIOL 2410, 2420; NURS 2140
- Cumulative grade point average of 3.0 or higher
- Completed criminal background check and drug testing*
- Complete immunization history and physical examination*
- CPR certification from the American Heart Association (for health professionals)*
- Completion of Intent to Enter form

**Certified Background*

ACCEPTANCE (*for transfer students*)

- Completion of a grade of C or above in PSYC 2000; BIOL 2410, 2420 (*BIOL 2410 and 2420 must be taken at the same institution*), or the equivalent transfer courses
- NURS 2140 (may be taken concurrently with NURS 2240 and NURS 2270 with permission of the Dean of the SON). *NURS 2140 must be successfully completed to progress to 3000-level nursing courses.*
- Cumulative GPA of 3.0 or higher
- Transfer students who have transcripts from multiple universities will utilize an “average” of the cumulative GPAs in order to meet the cumulative GPA requirement. (A minimum of 12 semester hours must be accrued in order to include the GPA.)
- Transfer students who do not meet the cumulative GPA requirement for admission to the School of Nursing must complete a minimum of 12 semester hours at Anderson University (50 percent of which must be within a traditional classroom setting) and obtain a cumulative GPA of 3.0 or higher in order to make application to the School of Nursing
- Transfer credits in pre-requisite and supporting courses (PSYC 2000, PSYC 2510, BIOL 2410, BIOL 2420, BIOL 2230, and CHEM 1000) must be taken within the previous five academic years to be considered for academic credit
- Completed criminal background check and drug testing*
- Complete immunization history and physical examination*
- CPR certification from the American Heart Association (for health professionals)*
- Completion of Intent to Enter form

**Certified Background*

PROGRESSION TO THE SOPHOMORE YEAR (*for those who have advanced accept status*)

Requirements for progression to the sophomore year:

- Grade of C or above in PSYC 2000; BIOL 2410, 2420; NURS 2140
- Cumulative grade point average of 3.0 or higher
- Completed criminal background check and drug testing*
- Complete immunization history and physical examination*
- CPR certification from the American Heart Association (for health professionals)*
- Completion of Intent to Enter form

**Certified Background*

BACHELOR OF SCIENCE IN NURSING (124 hours)

53 hours in Nursing:

- NURS 2140, 2230, 2240, 2270, 3350, 3360, 3390, 4450, 4470, 4520, 4540, 4560

71 hours in supportive sciences and liberal arts:

- BIOL 2230, 2410, 2420; PSYC 2000, 2510; CHEM 1000
- Remaining hours from liberal arts courses (see Liberal Arts Program in this catalog)

The School of Nursing strongly recommends NURS 2130 be taken before entering the major.

REGISTERED NURSE-BACHELOR OF SCIENCE IN NURSING

The RN-BSN Completion Program emphasizes analytic skills, a liberal arts perspective, and expertise for nursing practice. The purpose of this program is to serve registered nurses holding an Associate of Science in Nursing (ASN) degree or Diploma in Nursing in completing baccalaureate, education. The BSN focuses on developing students for practice in the professional roles of practitioner, educator, scholar, member of the profession, and leader/manager. Students are prepared to design innovative nursing systems for individuals, families, and communities with complex health states in varied settings. The program is based on the self-care deficit model of nursing, which emphasizes the client's ability to maintain or regulate health.

The RN-BSN Program is designed as a hybrid program, providing both courses in a classroom setting as well as online. The nursing courses, which the student will enroll in first, may be completed in 16 months. Supporting and liberal arts courses may be taken before, alongside, or following completion of the nursing curriculum and provide the base for effective nursing practice. Transfer credit is evaluated by the university registrar and the dean of the School of Nursing or his/her designate.

The program has received full accreditation from the Commission on Collegiate Nursing Education and approval from the Indiana State Board of Nursing.

REGISTERED NURSE-BACHELOR OF SCIENCE IN NURSING (33 hours)

- NURS 1050, 1100, 1150, 1210, 2050, 2270, 2350, 3390, 4470, 4540, 4560*

NURS COURSES

- 2130 The Nursing Profession** **1 hr. (1, 0)**
 Discussion of history and contemporary issues of nursing and their impact on current nursing practice is included in study. Relationship between the nursing major, the liberal arts, and support science courses will be explored. The course is designed to assist students in determining if nursing is the correct career choice. Not required for nursing major but highly recommended. This class is not open to juniors or seniors.
- 2140 Issues In Nursing** **1 hr. (1, 0)**
 Introduces the practice of nursing from the perspective of the profession. Focuses on understanding nursing roles, socialization, values, rights, and responsibilities. Expanding on historical influences develops a working knowledge of current health-care delivery and legal concerns. The following curricular concepts are introduced: Orem's Self-Care Deficit Model; novice, advanced beginner, and competent student; and use of critical/creative reasoning to move from concrete thinking to application and analysis/synthesis. With approval by the dean of the School of Nursing, may be taken concurrently with NURS 2240.
- 2230 Optimal Self-Care Agency I** **4 hrs. (3, 3)**
 Introduces student to nursing process through Orem's Self-Care Deficit Model, focusing on individuals, families, communities, and populations with optimal ability to care for themselves. Students learn to conduct comprehensive and focused physical, behavioral, psychological, spiritual, socioeconomic, and environmental assessments of health and illness utilizing developmentally and culturally appropriate approaches. Basic psychomotor skills for delivery of efficient, safe, and compassionate care introduced and utilized with patients as students are considered novices and exhibit concrete thinking. Admission to program is required. **PREREQUISITE:** BIOL 2410, 2420; PSYC 2000. **COREQUISITE:** PSYC 2510, BIOL 2230.

- 2240 Optimal Self-Care Agency II** **4 hrs. (2.5, 4.5)**
Builds on the content of NURS 2230 in the continuing study of individuals, families, communities, and populations with optimal ability to care for themselves. Study includes teaching/learning principles which reflect developmental stage, age, culture, spirituality, patient preferences, and health literacy. The concept of health promotion across the lifespan is discussed. The clinical component continues the development of comprehensive and focused physical, behavioral, psychological, spiritual, socioeconomic, and environmental assessments of health and illness utilizing developmentally and culturally appropriate approaches. Basic psychomotor skills for the delivery of efficient, safe, and compassionate care continue to be introduced and utilized with patients as students are considered novices and exhibit concrete thinking. **PREREQUISITE:** NURS 2230, PSYC 2510, BIOL 2230. **COREQUISITE:** NURS 2270, CHEM 1000.
- 2270 Pathophysiological Basis for Pharmacology in Nursing** **4 hrs. (3.5, 1.5)**
Builds on the content and experiences of the introductory nursing courses. Includes consideration of individuals, families, communities, and populations at all levels of self-care. Begins the study of the preparation and administration of medication in a safe care environment that results in high-quality patient outcomes. This course will summarize and discuss physiological processes including absorption, distribution, metabolism, and excretion of drugs. Drug action and interactions will be discussed. Appropriate dosage calculation must be demonstrated by the student. **PREREQUISITE:** NURS 2230, PSYC 2510, BIOL 2230. **COREQUISITE:** CHEM 1000, NURS 2240.
- 3350 Minimal Self-Care Agency I** **6 hrs. (3, 9)**
Builds on the content of 2000 level nursing courses and support courses. Focuses on the application of the self-care deficit model and nursing process for patients, families, and communities who experience minimal ability to care for themselves. Implementation of evidence-based nursing interventions for managing acute and chronic care of patients and promoting health across the lifespan is included in study. Basic psychomotor skills for the delivery of efficient, safe, and compassionate care continue to be introduced and utilized with patients as students now function as advanced beginners and are to apply critical/creative-thinking strategies. **PREREQUISITE:** NURS 2240, 2270; CHEM 1000.
- 3360 Minimal Self-Care Agency II** **6 hrs. (3, 9)**
Builds upon the content and experiences from NURS 3350. Emphasis on application of the self-care deficit model and nursing process with individuals, families, communities, and populations who have minimal ability to care for themselves. Implementation of evidence-based nursing interventions for managing acute and chronic care of patients and promoting health across the lifespan is included in study. Communication with all members of the health-care team, including the patient and the patient's support network is emphasized. Practical experiences focus on increasingly complex patient needs. The application of critical/creative thinking is used as students practice as advanced beginners. **PREREQUISITE:** NURS 3350. **COREQUISITE:** NURS 3390.
- 3390 Nursing Research** **2 hrs. (2, 0)**
Introduces nursing research with an in-depth study of the steps of the research process. Analysis of nursing research studies will occur. Explores research design and application of evidence-based practice methodology. It is recommended that the math requirement be met prior to enrolling in the course. **PREREQUISITE:** NURS 3350, ENGL 1120. **COREQUISITE:** NURS 3360.
- 3850 Practicum in Nursing** **1-3 hrs.**
Individualized study, clinical experiences, research and/or project. **CONSENT:** School of Nursing dean or instructor. **PREREQUISITE:** NURS 3360, 3390. **REPEAT:** May be repeated.
- 4450 Partial Self-Care Agency I** **7 hrs. (4, 9)**
Builds on the 2000- and 3000-level nursing courses and support courses. Focused application of the self-care deficit model and nursing process with clients with partial ability to care for themselves. Patient care includes individuals, families, communities, and populations presenting with multiple, dynamic health-care needs. Integration of evidence-based nursing interventions is required in the design of nursing systems. Students come to the course as advanced

beginners and through the integration of creative/critical thinking processes of analysis/synthesis, the development of competence in practice is begun. **PREREQUISITE:** NURS 3360, 3390. **COREQUISITE:** NURS 4470.

4470 Seminar in Nursing 4 hrs. (4, 0)

Professional standards of moral, ethical, and legal conduct are discussed. Students assume accountability for personal and professional behaviors by reflecting on one's own beliefs and values as they relate to professional practice. Students identify personal, professional, and environmental risks that impact personal and professional choices on vulnerable populations.

PREREQUISITE: NURS 3360, 3390. **COREQUISITE:** NURS 4450.

4520 Partial Self-Care Agency II 8 hrs. (5, 9)

Builds on the experiences of NURS 4450 and requires synthesis and analysis of all previously learned material as the student progresses to the competent level of practice as a generalist. Content includes caring for individuals, families, communities, and populations who lack the ability to care for themselves. Using the self-care deficit model and the nursing process, the student is expected to achieve a high level of clinical competence as a generalist nurse who is a provider, designer, manager, and coordinator of care. Concepts of clinical judgment and accountability for patient outcomes when delegating to and supervising other members of the health-care team are discussed. Students manage care for a group of individuals that approximates a beginning practitioner's workload. **PREREQUISITE:** NURS 4450, 4470. **COREQUISITE:** NURS 4540, 4560.

4540 Intercultural Health Care 3 hrs. (1, 6)

Emphasizes the value of human diversity in order to provide safe, high-quality care. Concepts related to global health including disease transmission, health policy, and health-care economics are emphasized. Discussion of the nurse generalist's practice in a multicultural environment providing culturally appropriate care across settings is included in study. Students are expected to immerse themselves in a culture other than their own through an intercultural experience.

EXPECTATION: Students should plan for additional costs for transportation and other expenses, which may vary from \$500 to \$3,000. **CONSENT:** Instructor. **PREREQUISITE:** NURS 4450, 4470. **COREQUISITE:** NURS 4520, 4560.

4560 Principles of Nursing Leadership 4 hrs. (2.5, 4.5)

Builds on previous nursing courses as the student moves toward becoming a competent generalist nurse who is a provider, designer, manager, and coordinator of care. Critically analyzes leadership principles and management strategies and how they affect the organization and influence patient outcomes. Examines and applies total quality improvement processes and tools which impact patient safety and meet regulatory requirements. Analyzes the utilization and control of financial and human resources to promote quality patient care and optimize professional practice. The nurse as consumer advocate is emphasized. **PREREQUISITE:** NURS 4450, 4470. **COREQUISITE:** NURS 4520, 4540.

(Course description language utilizes American Association of Colleges of Nursing, Essentials of Baccalaureate Education for Professional Practice, 08)

RN-BSN COURSES (NURS)

**see listing of Registered Nurse-Bachelor of Science in Nursing for additional required courses*

1050 Role Transition 2 hrs. (2, 0)

The role of the professional baccalaureate generalist is explored including strategies for success as a lifelong learner. Moral, ethical, and legal standards of conduct are discussed. Students learn to integrate the history of nursing and nursing theories with current issues and their consequences for contemporary practice. The relationship between the ability to deliver quality patient care and personal renewal and health is explored.

- 1100 Population-Based Health Care** **3 hrs. (2-3)**
The aggregate, community, or population is the unit of care. Emphasis is placed on health promotion and disease prevention. Determinants of health, prioritizing primary prevention, actively identifying and using available resources to assure best overall improvement in the health of the population is explored. Advocacy for vulnerable populations is included. This course includes 15 hours of clinical project work. **PREREQUISITE:** NURS 1050.
- 1150 Nursing Informatics** **2 hrs. (2, 0)**
Provides the application of knowledge and skills relative to the use of information technology systems for patient care delivery, data management, and knowledge sharing. Integrates foundational concepts of why and how information technologies function with intellectual concepts of how to utilize information for problem solving. **PREREQUISITE:** NURS 1050 and 1100.
- 1210 Nutrition for Healthy Living** **2 hrs. (2, 0)**
Explores principles of nutrition as they relate to physical fitness. Content includes important nutritional elements and their relationship to maintaining health. Required activities include personal health assessment skills, nutritional assessment, and aerobic activities. Not required for nursing major but highly recommended.
- 2050 Comprehensive Health Assessment Across the Lifespan** **4 hrs. (3.5, 1.5)**
Students learn to refine assessment skills to include both a comprehensive and focused physical, behavioral, psychological, spiritual, socioeconomic, and environmental assessment of health and illness in patients. Developmental and culturally appropriate approaches are utilized with patients across the lifespan and health-care settings. This course includes 9 clinical hours. **PREREQUISITE:** NURS 1050, 1100, 1150, and 1210.
- 2350 Nursing System Design** **3 hrs. (3, 0)**
Introduces effective communication techniques while participating in inter- and intra-professional communication. Collaboration while providing patient-centered, evidence-based care is emphasized in order to improve practice and patient outcomes within a Christian framework. Incorporating developmental stage, age, culture, spirituality, and health literacy inpatient and family teaching is discussed. **PREREQUISITE:** NURS 1050, 1100, 1150, 1210, 2050, and 2270.

Peace and Conflict Transformation

Dr. Allen, co-director; Dr. Erny, co-director

The Peace and Conflict Transformation (PACT) minor is available to all students as a complement to any major. The PACT minor is not limited to one department but is designed as an interdisciplinary engagement with the broad array of issues involved in peace and conflict transformation.

PEACE AND CONFLICT TRANSFORMATION MINOR (18 hours)

- PACT 2100, 2200, 2300, 2400
- 1 hour cross-cultural, service-learning, or internship experience
- 9 hours from any of the following courses: ARTH 3410; BIBL 3260; CMIN 3240; COMM 3110; CRIM 3010; ECON 2010; HIST 3190; PHIL 3210; POSC 3300, 3310; PSYC 2100; RLGN 3120, 3320; SOCI 2010, 2020, 3400

PACT COURSES

- | | | |
|-------------|--|----------------------|
| 2100 | Introduction to Peace and Conflict Transformation
Introduction to the interdisciplinary work of peace and conflict transformation. Includes examination from several perspectives of conflict at several levels (e.g., interpersonal, racial, global, etc.) as well as inquiry into the relationships between them. Considers various models by which peace and reconciliation are pursued and encourages critical self-understanding through action and reflection. | 2 hrs. (2, 0) |
| 2200 | Peacemakers Past and Present
Survey of prominent figures from several fields who have contributed significantly to understanding peace and conflict transformation. Emphasizes the figures' writings (whether fiction, nonfiction, poetry, sermons, speeches, letters, etc.) and encourages critical self-expression through writing and speech. | 2 hrs. (2, 0) |
| 2300 | Peace, Conflict, and Religion
Study of the role played by religion in situations of conflict and the pursuit of peace. Includes consideration of specific religious traditions, texts, figures, movements, and events, and encourages critical self-reflection through observation and inquiry. | 2 hrs. (2, 0) |
| 2400 | Principles and Practices of Conflict Transformation
Engagement with a variety of principles and practices developed and employed in selected endeavors (e.g., counseling, mediation, negotiation, racial reconciliation, diplomacy, etc.). Encourages self-appropriation through research, presentation, and critique. PREREQUISITE: PACT 2100. | 2 hrs. (2, 0) |

Physical Sciences and Engineering

Dr. Wallace, chair; Dr. Carr, Dr. File, Dr. Kennedy, Dr. Kim, Dr. Lyle-Ippolito, Dr. Millis

The Department Physical Sciences and Engineering offers majors in biochemistry, chemistry, physics, computational physics, physical science, electrical engineering, and mechanical engineering; and minors in chemistry and physics. Students gain broad scientific and engineering knowledge in the classroom while having opportunities to do significant research. With the skills gained in these programs, students go on to medical and doctoral programs in addition to scientific and engineering careers in industry. For students interested in secondary-level teaching, the department offers a complementary major called TeachScience.

BIOCHEMISTRY

The biochemistry major is an interdisciplinary major that applies the principles and methods of both biology and chemistry to understanding the molecular basis of life. The major requires a number of basic classes from each discipline with advanced courses in chemical instrumentation, cell and molecular biology, genetics, and biochemistry, and allows the student to select additional courses necessary to pursue certain career objectives. Students considering a biochemistry major should begin their study with CHEM 2110 and BIOL 2210.

BIOCHEMISTRY MAJOR (52 hours)

- CHEM 2110, 2120, 2210, 2220, 3100, 4510, 4520
- BIOL/CHEM 4210
- BIOL/CHEM/PHYS 4910, 4920
- BIOL 2210, 2220, 2240, 4050
- At least one course from CHEM 4110, 4120
- At least one course from CHEM 3140, BIOL 4310
- Elective hours from:
 - CHEM 4090
 - BIOL 3030, 4120
 - MATH 1400 or 2010
 - PHYS 2240, 2250

Students pursuing pre-medicine should elect BIOL 3030, 4120; one semester of calculus; and two semesters of physics.

Students pursuing graduate school should elect CHEM 3140, 4090; BIOL 3030; one semester of calculus; and two semesters of physics.

Students pursuing an industry career should elect CHEM 3140.

CHEMISTRY

The study of chemistry introduces students to the world of atoms and molecules and their composition and interactions. This study is recommended for chemistry majors and minors as preparation for graduate school, medical school, secondary-level teaching, or careers in government or industrial laboratories. It is also recommended for physics or biology students to supplement and complement their major fields of study. Students considering a chemistry major should begin their study with CHEM 2110.

CHEMISTRY MAJOR (52 hours)

- CHEM 2110, 2120, 2210, 2220, 3100; 4110 or 4120; 4510, 4520, 4910, 4920
- PHYS 2240, 2250

- MATH 2010 and 2020
- Remaining hours from additional upper-division (3000-level and above) CHEM courses.
CHEM 1000 and 2700 do not apply toward the major.

CHEMISTRY MINOR (16 hours)

- Must include CHEM 3100.
- Remaining hours from additional CHEM courses.
CHEM 1000 and 2700 do not apply toward the minor.

ELECTRICAL ENGINEERING

The study of electrical engineering employs the principles of applied physics to the benefit of humankind. The central focus of the major is to develop the necessary skills to provide engineering solutions to worldly challenges with limited resources from a Christian viewpoint. More specifically, students will be prepared in the fields of control systems, telecommunications, power and energy systems, semiconductors, and nanotechnology. The major requires a number of courses from each engineering discipline including a senior design capstone which incorporates collaboration between disciplines. Students considering a major in electrical engineering should begin their study with ENGR 2000, CHEM 2110, and MATH 2010.

ELECTRICAL ENGINEERING MAJOR (80 hours)

- CHEM 2110
- PHYS 2240, 2250, 3130
- MATH 2010, 2020, 3010, 3100
- ENGR 2000, 2010, 2020, 2030, 2040, 2050, 2210, 2310, 3120, 3210, 3220, 3230, 3240, 3250, 3260, 3270, 4210, 4230 4950, 4960

MECHANICAL ENGINEERING

The study of mechanical engineering employs the principles of applied physics to the benefit of humankind. The central focus of the major is to develop the necessary skills to provide engineering solutions to worldly challenges with limited resources from a Christian viewpoint. The major requires a number of courses from each engineering discipline including a senior design capstone which incorporates collaboration between disciplines. Students considering a major in mechanical engineering should begin their study with ENGR 2000, CHEM 2110, and MATH 2010.

MECHANICAL ENGINEERING MAJOR (80 hours)

- CHEM 2110
- PHYS 2240, 2250
- MATH 2010, 2020, 3010, 3100
- ENGR 2000, 2010, 2020, 2030, 2040, 2050, 2210, 2120, 2110, 2120, 2310, 3010, 3110, 3120, 3130, 3140, 3150, 3160, 4010, 4110, 4140, 4950, 4960

PHYSICS

The purpose of study in physics is to obtain an understanding of the nature and order of the physical world while being exposed to the logical application of scientific methods in discovering this order. This study is recommended for physics majors and minors as preparation for graduate school, secondary-level teaching, or other employment, and for chemistry, biology, mathematics, computer science, and pre-medical students to supplement and complement their major fields of study. Students considering a career in secondary education may wish to pursue the physical science major, which is designed more to their needs.

All physics majors are required to complete at least a minor in mathematics. In general, the following courses, or their equivalent, should be completed as part of this minor: MATH 2010, 2020, 3010, 3100.

PHYSICS MAJOR (34 hours)

- PHYS 2240, 2250, 3100, 4210, 4220, 4510, 4520, 4910, 4920
- CHEM 2110, 4110, 4120

PHYS 1000, 1020, and 1240 do not apply toward the major.

PHYSICS MINOR (16 hours)

- PHYS 2240, 2250, 3110
- May include CHEM 4110, 4120
- Remaining hours from additional upper-division (3000-level and above) PHYS courses

PHYS 1000, 1020, and 1240 do not apply toward the minor.

COMPUTATIONAL PHYSICS

The solutions to certain physics problems can only be modeled with computers, and doing so requires a background in computer programming and numerical algorithms. A background in computer science, math, and physics is valuable in the workplace and is an excellent undergraduate background for anyone wishing to pursue graduate studies in any of the aforementioned disciplines. Furthermore, students wishing to pursue careers in industry will be prepared to meet the growing skill set needed to be successful in technical careers.

All computational physics majors are required to complete a math minor that includes MATH 2010, 2020, 3010, and 3020.

COMPUTATIONAL PHYSICS MAJOR (49 hours)

- PHYS 2240, 2250, 4210, 4220, 4510, 4910, 4920
- CPSC 1400, 1500, 2500, 4430
- One of CPSC 2100, 2400*, 3410, or 4500
- One of CHEM 4110 or 4120
- In addition to the above listed math minor, students must complete MATH 3100 and MATH/CPSC 3300

** Requires MATH 2200 or computer science department approval.*

PHYSICAL SCIENCE

The purpose of study in the physical sciences is to obtain an understanding of the nature and order of the physical world while being exposed to the logical application of scientific methods in discovering this order. Students considering a career in secondary education may wish to pursue the physical science major instead of the more specialized physics or chemistry majors.

The physical science major is not intended as a sufficient preparation for graduate studies in the fields of chemistry or physics, nor is it designed to prepare students for a scientific career in industry. It is strongly encouraged, but not required, that students also pursue the TeachScience complementary major as part of their studies.

PHYSICAL SCIENCE MAJOR (50 hours)

- PHYS 1000, 1020, 1240, 2240, 2250, 4510, 4520, 4910, 4920
- CHEM 2110, 2210, 3100
- MATH 1400 or 2010
- Remaining hours from additional 3000-level or above CHEM or PHYS captioned course(s).

TEACHSCIENCE

This complementary major offers science students all of the learning and practical experiences needed to meet the state requirements for teacher certification. This major may only be combined with a catalog major in biology, chemistry, or physics, and cannot stand alone to meet graduation requirements. Program objectives include:

- Emphasis on Christ-like servant ways in the development of a professional educator, strengthened by a liberal arts program.
- Teaching as a mission to serve adolescents and young adults.
- The student's completion of a traditional major in an area of science while pursuing advanced study in science and/or education.
- Unique combination of secondary school experience and content area instruction.
- Early opportunities for students to explore science teaching as a potential career.
- Entrance into the program at any stage in the student's educational journey, based on individual needs and circumstances.
- Program completion within four years for most students.

TEACHSCIENCE COMPLEMENTARY MAJOR (30 HOURS)

- EDUC 2000, 3000, 3120, 4010, 4710, 4930
- SPED 2400
- BIOL/CHEM/PHYS 2700
- Majors are strongly encouraged to take ENGL 1400 for meeting liberal arts Individual Thought and Behavior requirements and are required to take EDUC 2110 for meeting the second part of the liberal arts Thought and Behavior requirements.
- Majors are strongly encouraged to take HIST 2110 or 2120 for meeting liberal arts History requirement.
- Majors are required to take TESL 3500 for meeting liberal arts complementary upper-division requirement.

CHEM COURSES

- | | | |
|-------------|---|------------------------|
| 1000 | Introduction to Chemistry
A survey approach to the study of chemistry which examines the methods of science as applied to the study of inorganic, organic, and biochemistry. Emphasis on understanding chemical principles and their application to the environment with some use of numerical computations. Not applicable toward chemistry major or minor. | 4 hrs. (3, 2) |
| 2110 | General Chemistry I
Basic introduction to theory and practice of chemical principles with emphasis on atomic structure, chemical bonding, stoichiometry, thermochemistry, and physical states of matter. EXPECTATION: Students entering general chemistry normally have at least one year of high school chemistry and two years of high school algebra. | 4 hrs. (4, 2.5) |
| 2120 | General Chemistry II
Further studies of chemical principles including kinetics, oxidation-reduction and acid-base reactions, inorganic complexes, and nuclear chemistry. EXPECTATION: Students entering this class should have completed CHEM 2110 or equivalent. | 4 hrs. (4, 2.5) |
| 2210 | Organic Chemistry I
Bonding theory, composition, and constitution of carbon frameworks and functional groups, nomenclature, stereochemistry, and introduction to reactions and reaction mechanisms. PREREQUISITE: CHEM 2110. | 4 hrs. (3, 3) |
| 2220 | Organic Chemistry II
Reactions, mechanisms, and synthesis of various functional groups. Spectroscopy, including NMR, IR, and UV-VIS. PREREQUISITE: CHEM 2210. | 4 hrs. (3, 3) |

- 2700 Science Teaching Methods I** **3 hrs. (2, 1)**
 This course involves the learning and application of the methods of teaching science. In addition to some lecture and classroom discussion, students complete a practicum experience with a master teacher in a public or private school setting. Topics covered and jointly pursued by AU faculty and the master teacher include learning theories, classroom management, inquiry-based teaching, history of science, special/gifted education, and an introduction to rubrics/grading/assessment. Emphasizes the key roles that a teacher's caring attitude and ability to engage students have in a successful learning environment. **EXPECTATION:** BIOL/CHEM/PHYS 1120 should be completed. **SAME AS:** BIOL/PHYS 2700.
- 3100 Analytical Chemistry** **4 hrs. (3, 6)**
 Review of equilibrium and its relationship to gravimetric and volumetric analysis. Statistical methods and an introduction to environmental chemistry. Several instrumental techniques are introduced. **EXPECTATION:** CHEM 2110.
- 3140 Instrumental Analysis** **4 hrs. (4, 3)**
 A study of modern instrumental methods including UV-VIS, AAS, GC, GC/MS, HPLC, IR, NMR, Voltammetry, and X-ray with special emphasis upon chromatography. **EXPECTATION:** CHEM 3100 should be completed. **OFFERED:** 2014-15.
- 4090 Inorganic Chemistry** **4 hrs. (4, 3)**
 Molecular structure and bonding, symmetry, structures of solids, d-metal complexes, band theory, organometallics, and advanced topics. **EXPECTATION:** CHEM 2110 and 2220 should be completed. **OFFERED:** 2015-16.
- 4100 Organic Spectroscopy** **4 hrs. (4, 3)**
 A look at the instrumentation used to identify organic compounds. An emphasis is placed on identifying organic compounds from various spectra. Students will gain hands-on experience in FT-NMR (1H, 13C, 2D), FT-IR, GC-MS, UV-Vis, and the interpretation of their spectra. **PREREQUISITE:** CHEM 2210. **OFFERED:** 2014-15.
- 4110 Thermodynamics and Kinetics** **4 hrs. (4, 3)**
 Thermodynamics; properties of gases, liquids, solids, and solutions; chemical kinetics. **EXPECTATION:** PHYS 3110; MATH 1400 or 2020; and CHEM 2110 should be completed. **OFFERED:** 2014-15.
- 4120 Quantum Chemistry** **4 hrs. (4, 3)**
 This course introduces students to the background, theory, and applications of quantum chemistry; spectroscopy, symmetry, and computational chemistry. **EXPECTATION:** PHYS 3110; MATH 1400 or 2020; and CHEM 2110 should be completed. **OFFERED:** 2015-16.
- 4210 Biochemistry** **4 hrs. (3, 4)**
 Introduction to fundamental principles of biochemistry. Lectures and project-oriented laboratories emphasize concepts of macromolecular structure, aspects of enzymology, and intermediary metabolism. **PREREQUISITE:** BIOL 2240, CHEM 2210. **OFFERED:** 2015-16. **SAME AS:** BIOL 4210.
- 4510 Senior Physical Science Practicum I** **1 hr. (1, 0)**
 Assessment of the student's development as a chemistry/biochemistry major. In addition, students will study and discuss finances, potential careers, résumé building and job seeking, graduate schools, laboratory safety, and the relationship of science and Christianity. Required of all chemistry/biochemistry majors. **SAME AS:** PHYS 4510.
- 4520 Senior Physical Science Practicum II** **1 hr. (1, 0)**
 Assessment of the student's development as a chemistry/biochemistry major. Continuation of Senior Physical Science Practicum I. An introduction to the scientific literature and grant writing. Required of all chemistry/biochemistry majors. **EXPECTATION:** CHEM 4510 should be completed. **SAME AS:** PHYS 4520.
- 4650 Independent Study** **1-4 hrs. (arranged)**
 Individual study or research in advanced areas of interest. **EXPECTATION:** At least second year

standing in the department; consent of a chemistry faculty advisor. **REPEAT:** May be repeated. No more than 8 hours may be counted toward the major.

- 4910 Science Seminar I** **1 hr. (1, 0)**
Techniques and practice of written and oral technical communication with respect to experimental or library research projects. Required of all science majors. Both CHEM 4910 and 4920 must be completed to receive advanced writing competency (writing intensive) credit. **PREREQUISITE:** Science major. **SAME AS:** BIOL/PHYS 4910.
- 4920 Science Seminar II** **1 hr. (1, 0)**
Techniques and practice of written and oral technical communication with respect to experimental or library research projects. Required of all science majors. Both CHEM 4910 and 4920 must be completed to receive advanced writing competency (writing intensive) credit. **PREREQUISITE:** Science major. **SAME AS:** BIOL/PHYS 4920.

ENGR COURSES

- 2000 Introduction to Engineering: Concepts and Design** **3 hrs. (2, 2)**
This course gives burgeoning engineers a background in the skills necessary to be successful. Topics dealing with planning and the design process and the tools used in engineering will be discussed. Engineering disciplines and the role they play in society will be introduced, as well as the impact engineering has on humankind and its environment. Also, students will be exposed to engineering graphics, including an introduction to computer-aided drafting. A laptop computer is required for this course.
- 2010 Statics** **2 hrs. (2, 0)**
Introduction to analyzing forces in isolated and connected rigid-body systems; vector analysis, forces, moments, resultants, two and three-dimensional equilibrium, trusses, beams, and frames. Emphasis is given to non-accelerating bodies and frames. **PREREQUISITE:** PHYS 2240.
- 2020 Engineering Materials and Processes** **3 hrs. (3, 0)**
An introduction to the science of engineering materials. Engineering properties of materials — mechanical, electrical, and chemical — are closely linked to the underlying solid state and molecular structure. Chemistry relating to various aspects of design including phase change, solution theory, acid-base solutions, and chemical equilibrium is presented. The processes by which these materials are produced and manufactured is also presented. **PREREQUISITE:** CHEM 2110, PHYS 2240.
- 2040 Engineering Sophomore Laboratory I** **1 hr. (0, 2)**
The first of a two semester laboratory sequence designed to formulate experiments based on available resources. Students are placed in groups and learn the various roles of engineering team members including the responsibilities of design, management, financial advisor, process and manufacturing, product design and marketing among others. Technical reports and presentations are required. **PREREQUISITE:** CHEM 2110, PHYS 2240.
- 2050 Engineering Sophomore Laboratory II** **1 hr. (0, 2)**
The second semester laboratory course establishes the foundations for experimental design. The students will be equipped with the tools for data extraction and analysis. This course also provides the students with the necessary skills to interpret the results. Students will be introduced to applied-numerical methods and will be expected to use them to interpret data and produce results. Technical computing and laboratory write-ups are required. **PREREQUISITE:** ENGR 2040, ENGR 2310.
- 2070 Engineering Thermodynamics** **3 hrs. (3, 0)**
Emphasis in this course will be on engineering concepts. This course provides the basic skills and tools necessary in designing and analyzing real-life engineering systems. Topics also covered include internal energy, enthalpy, entropy, and conservation of energy. **PREREQUISITE:** CHEM 2110, ENGR 2310.

- 2110 Dynamics** **3 hrs. (3, 0)**
Introduction to kinematic and kinetic analysis of particles, systems of particles, and rigid bodies; position, velocity, acceleration, non-rotating and rotating frames of reference, Newton's laws, work, energy, impulse, momentum, conservative and non-conservative systems, as well as, inertial and non-inertial reference frames. **PREREQUISITE:** ENGR 2010.
- 2210 Mechanics of Materials** **3 hrs. (3, 0)**
Introduction to design of electric circuits and linear circuit analysis. Topics include electric circuit variables, circuit elements such as resistance, capacitors, inductors, resistive circuits, methods and analysis of resistive circuits, Thvenin and Norton equivalent circuits, Energy storage elements, First- and Second-order circuits such as RL and RC and RLC circuits. AC circuit analysis and complex power. Introduction to PSpice computer program to design and analyze electric circuits. **PREREQUISITE:** PHYS 2250.
- 2310 Introduction to Programming** **3 hrs. (3, 0)**
Introduction to disciplined, object-oriented program development. Topics include a survey of computer architecture and systems, problem solving and algorithm development, data types and variables, control-of-flow structures, and virtual machines. This course also introduces topics related to net-centric and event-driven programming.
- 3010 Manufacturing and Finance** **2 hrs. (2, 0)**
An introduction to management aspects of the engineering profession, project management, prioritization of resource allocation, and management of technical design projects. Students are assigned an engineering and/or a business project under the supervision of the faculty member. Students are expected to meet regularly with the faculty member and complete assigned readings and projects as well as give a substantial oral presentation. **PREREQUISITE:** ENGR 2040.
- 3110 Kinematics** **3 hrs. (3, 0)**
An in-depth study is made of mechanisms such as the slider-crank and four-bar linkage. Cams and gears are studied in the context of their use in machines. Vibration concerns are addressed including methods of balancing rotating machinery. Kinematics and kinetics are studied in a two- and three-dimensional space with an emphasis on application in the area of robotics. **PREREQUISITE:** ENGR 2010, ENGR 2310.
- 3120 Fluid Mechanics** **3 hrs. (3, 0)**
Principles of fluid flow, conservation of mass, momentum, laminar flow problems, kinetics, macroscopic balances, and design of fluid flow systems. Students will be presented with material covering flow in pipes, channel flow, immersed bodies and control volume analysis. Liquids will be the primary source of topic, although a brief discussion on gaseous properties including compressible flow will be introduced. **PREREQUISITE:** ENGR 2070.
- 3130 Heat and Mass Transfer** **3 hrs. (3, 0)**
Heat transfer processes will be covered including the topics of equations of energy conservation, conduction, convection, radiation, equations for chemical species conservation, diffusion, and macroscopic balances. Analysis of chemical engineering operations involving mass transfer will also be covered. Differential and stage-wise separation processes; mass transfer accompanied by chemical reaction; general design and operation of mass-transfer equipment. **PREREQUISITE:** ENGR 2070.
- 3140 Mechanical Engineering Laboratory I** **1 hr. (0, 2)**
Laboratory course, which serves as an introduction to the characteristics and uses of transducers to measure displacement, strain, pressure, temperature, and other physical quantities. Emphasis is on the usefulness, accuracy, and reliability of measurement systems in actual applications. Electronic signal conditioning techniques are covered. A design project using LabVIEW software and FilePoint data acquisition hardware is required. Laboratory write-ups and technical reports are required.
- 3150 Mechanical Engineering Laboratory II** **1 hr. (0, 2)**
Students measure mechanical phenomena such as acceleration, force, and dynamic response

using transducers, instrumentation, and PC-based data acquisition. Emphasis is given to systems that include vibratory response and impulse forces. Laboratory write-ups and technical reports are required.

- 3160 Dynamic Response** 3 hrs. (3, 0)
An introduction to the mechanical response of structural dynamics. Analytic and numerical techniques will be presented for solutions to single- and multiple-degree-of-freedom systems, simple harmonic motion, damped and free vibration, as well as continuous systems. Other topics to be covered will include the methods of energy and Lagrange.
- 3210 Advanced Electrical Circuits** 3 hrs. (2, 2)
Topics include operational amplifiers and energy storage elements, frequency response, the Laplace transform, Fourier series and Fourier transform, filter circuits, and two-port networks. Employing simple models to represent non-linear and active elements, such as the MOSFET-in circuits. Fundamental models to design complex electronics and communication are presented. Build circuits and take measurements of circuit variables using tools such as oscilloscopes, multimeters, and signal generators. **PREREQUISITE:** ENGR 2210, MATH 3100.
- 3220 Electronics I** 3 hrs. (2, 2)
Introduction to semiconductor electronic devices and basic theory and application. Topics include semiconductor materials and diodes, diode circuits, field-effect transistors (FETs), bipolar-junction transistors (BJTs), basic BJT amplifiers, and the power amplifiers. **PREREQUISITE:** ENGR 3210.
- 3230 Electronics II** 3 hrs. (2, 2)
Continuation of Electronics I to include differential amplifiers, frequency response of amplifier circuits, multi-stage amplifiers, power amplifiers, feed-back circuits, power supplies, filters, digital logic families, and oscillators. It includes an amplifier design and analysis including discrete and integrated circuit topologies. Introduction to linear and non-linear op-amp circuits. Introduced topics in digital circuit design using MOSFET and BJT, implementation of digital hardware systems based on the algorithms and requirements using hardware description languages, optimization, logic synthesis, place and route methods.
- 3240 Electromagnetic Fields** 3 hrs. (3, 0)
Engineering applications of vector calculus and Maxwells equations to electrostatic and magnetostatic, boundary-value problems in electrostatic, and time varying fields, transmission lines, propagation of uniform plane waves, and single-stub matching. **PREREQUISITE:** MATH 3010.
- 3250 Electromagnetic Waves** 3 hrs. (3, 0)
Engineering applications of phasors and Maxwells equations to electrostatic and magnetostatic and time varying fields, transmission lines, Smith Chart, propagation of uniform plane waves, and single-stub matching. Exercises introduce field-plotting, transmission line concepts using wave guides, single stub-tuning. Introduction to the network analyzer, polarization, and radiation fields.
- 3260 MicroControllers** 3 hrs. (2, 2)
Introduction to the fundamentals of microcontrollers and embedded systems, including computer and microcontroller architecture, assembly, and C programming, logic concepts, peripheral interfacing, design and data communications. **PREREQUISITE:** ENGR 2310.
- 3270 Digital Logic** 3 hrs. (3, 0)
An introduction to the fundamental concepts for three design levels; device, logic, and system levels. The device level includes logic gates such as AND, OR and NOT using transistors. The logic level covers a design technique in which logic gates are used to design digital components. The system level covered for typical Intel or Motorola microprocessors which are designed by interfacing memory and I/O chips. In order to synthesize digital logic circuits, description language such as VHDL will be utilized. This is a prerequisite course for microcontrollers.

- 4010 Computational Mechanics** **3 hrs. (2, 2)**
This course utilizes the numerical capabilities of the modern computer to simulate physical phenomenon. Topics to be covered include; the finite- element method, finite-difference schemes, and optimization techniques. Students will be introduced to round-off errors and error propagation as well as convergence determination. Programming will be done in a C-style language. **PREREQUISITE:** ENGR 2120, ENGR 2310, ENGR 3120, MATH 3010.
- 4110 Machine Design** **3 hrs. (3, 0)**
Application of the principles of statics and mechanics of materials to the design of machine elements. Topics include stress and deformation, finite element method, failure criteria in yielding, fatigue and buckling, statistical considerations, and selection of shafts, bearings, and gears. **PREREQUISITE:** ENGR 3110.
- 4140 Mechanical Engineering Laboratory III** **1 hr. (0, 2)**
Experiments using the wind tunnel, engine test cell, testing machines in the mechanics laboratory, vibrations laboratory, fluids laboratory, refrigeration laboratory, and heat transfer laboratory are conducted. Measurements of pressure, temperature, fluid flow, viscosity, and heat transfer are conducted with PC-based data acquisition. Laboratory write-ups and technical reports are required.
- 4210 Solid State Devices I** **3 hrs. (3, 0)**
Introduction to semiconductor physics and its application to semiconductor devices such as junction, Schottky diodes, BJT, and MOSFET. In semiconductor physics, topics include crystal structure, energy band gap, effective mass, density of states, Fermi-Dirac statistics, carrier distribution and doping, drift and diffusion, and continuity equation. In semiconductor device, topics include the basics of MOS capacitor, application of MOS capacitor and MOSFET and fundamental of device fabrication. **PREREQUISITE:** ENGR 2020, 3220, PHYS 3120.
- 4220 Solid State Devices II** **3 hrs. (3, 0)**
Continuation of Solid State Devices I to include application of a principle to practice MOSFET, and various memory devices such as DRAM, SRAM, FRAM and MRAM. The advanced concept of process integration of device fabrication. Introduction to principle of magnetic materials and magnetic media recording devices.
- 4230 Power** **3 hrs. (3, 0)**
Introduction to the fundamentals of power electronics, theory and operation of electromechanical device, including magnetic circuits, transformers as well as DC and AC rotating machines. Characteristics and application of motor control and power processing design. Principles of electrical power generation, transmission, and distribution, three-phase power circuits, power system analysis, load flow, symmetrical components, fault currents, system protection, and stability.
- 4950 Engineering Senior Design I** **2 hrs. (0, 4)**
Applications of design principles to a capstone engineering project. Projects are team based and include developing design specifications, conceptual designs, and final designs. Project requirements include significant oral and written communication components. Examples of projects include inter- collegiate competition, industry sponsored, applied research, and service projects.
- 4960 Engineering Senior Design II** **2 hrs. (0, 4)**
Building on ENGR 4950. Applications of design principles to a capstone engineering project. Projects are team based and include developing design specifications, conceptual designs, and final designs. Project requirements include significant oral and written communication components. Examples of projects include intercollegiate competition, industry sponsored, applied research, and service projects. Students pursuing more than one concentration in engineering must complete a two semester sequence in senior design for each concentration.

PHYS COURSES

- 1000 Physical Science** 4 hrs. (3, 2)
Introduction to selected topics in physical science, with emphasis on concepts necessary to teaching science at the elementary school level. Required of all elementary education majors but also open to other non-science majors.
- 1020 Earth and Space Science** 4 hrs. (3, 2)
Introduction to the study of geology, weather, and space science with an emphasis on the phenomena that pertain to the earth's crust and atmosphere and the methods used to form our understanding of these dynamic systems. May be taken alone or as a supplement to PHYS 1000.
- 1140 Musical Acoustics** 4 hrs. (3, 2)
Survey of topics basic to the science of music. Designed to give music students a laboratory-science experience in a field relevant to their interests. Open to all students who can read music. **OFFERED:** With sufficient demand.
- 1240 Astronomy** 4 hrs. (3, 2)
Introduction to understanding planets, stars, and galaxies of our universe with emphasis on what they are, how they live and die, and how they are studied. Students will also gain an appreciation for the night sky and the type of observations that can be made.
- 2140 General Physics I (Algebra Based)** 4 hrs. (4, 2)
Introduction to major concepts of physics and their mathematical foundations, with a primary emphasis on Newtonian mechanics. **EXPECTATION:** Students enrolling should demonstrate sufficient knowledge of college algebra.
- 2150 General Physics II (Algebra Based)** 4 hrs. (4, 2)
Continuation of General Physics I, with a primary emphasis on electricity, magnetism, optics, and modern physics. **EXPECTATION:** PHYS 2140 or equivalent should be completed, and have demonstrated sufficient knowledge of college algebra.
- 2240 General Physics I (Calculus Based)** 4 hrs. (4, 2)
Introduction to major concepts of physics and their mathematical foundations, with a primary emphasis on Newtonian mechanics. **EXPECTATION:** Students enrolling should have completed or be enrolled in MATH 2010, 2020; or MATH 1400 or equivalent.
- 2250 General Physics II (Calculus Based)** 4 hrs. (4, 2)
Continuation of General Physics I, with a primary emphasis on electricity, magnetism, and optics. **EXPECTATION:** PHYS 2240 or equivalent should be completed.
- 2700 Science Teaching Methods I** 3 hrs. (2, 1)
This course involves the learning and application of the methods of teaching science. In addition to some lecture and classroom discussion, students complete a practicum experience with a master teacher in a public or private school setting. Topics covered and jointly pursued by AU faculty and the master teacher include learning theories, classroom management, inquiry-based teaching, history of science, special/gifted education, and an introduction to rubrics/grading/assessment. Emphasizes the key roles that a teacher's caring attitude and ability to engage students have in a successful learning environment. **EXPECTATION:** BIOL/CHEM/PHYS 1120 should be completed. **SAME AS:** BIOL/CHEM 2700.
- 3100 Modern Physics Laboratory** 2 hrs. (0, 6)
Advanced experiments in modern physics, mechanics, electricity, magnetism, heat, and optics with emphasis on scientific methods and laboratory technique. **PREREQUISITE:** PHYS 2240, 2250.
- 3110 Introductory Quantum Mechanics and Thermodynamics** 4 hrs. (4, 2)
An introductory investigation of topics such as thermodynamics, quantum mechanics, and the structure of the atom.
- 3130 Modern Physics** 2 hrs. (2, 0)
This course will provide a review of special relativity, as well as various properties of elec-

- tromagnetic radiation, including concepts of superconductivity. Additionally, the quantum view of matter will be developed, focusing on atomic spectra, nuclear structure, elementary particles, and statistical distributions. Finally, an introduction to general relativity, cosmology, and string theory will be developed. **PREREQUISITE:** PHYS 2250.
- 3800 Internship in Science Education** **1-4 hrs. (0, 1-4)**
This internship is an opportunity to broaden the diversity of a student's experience in educational settings. Internships are arranged in environments not typically experienced by the student. Tri-S and other international experiences may be appropriate as well as experiences in large inner-city schools or small, rural schools. **EXPECTATION:** BIOL/CHEM/PHYS 2700 should be completed or taken concurrently. **SAME AS:** BIOL/CHEM 3800.
- 4210 Electricity and Magnetism** **4 hrs. (4, 0)**
Electric fields and circuits, magnetic fields, Maxwell's equations, and radiation. **EXPECTATION:** PHYS 2250 and MATH 3100 are normally completed. **OFFERED:** 2015-16.
- 4220 Classical Mechanics** **4 hrs. (4, 2)**
Mathematical theory of static and dynamic systems, forces and their effects, potential and kinetic energy, and Lagrange's equation. **EXPECTATION:** PHYS 2250 and MATH 3100 are normally completed. **OFFERED:** 2014-15.
- 4320 Waves/Optics** **4 hrs. (4, 0)**
Study of electromagnetic and mechanical wave phenomena in optics and acoustics and ray and wave optics. **EXPECTATION:** PHYS 2250 and MATH 3100 are normally completed. **OFFERED:** With sufficient demand.
- 4510 Senior Physical Science Practicum I** **1 hr. (1, 0)**
Assessment of the student's development as a physics major. In addition, students will study and discuss finances, potential careers, résumé building and job seeking, graduate schools, laboratory safety, and the relationship of science and Christianity. Required of all physics and physical science majors. **SAME AS:** CHEM 4510.
- 4520 Senior Physical Science Practicum II** **1 hr. (1, 0)**
Assessment of the student's development as a physics major. Continuation of Senior Physical Science Practicum I. An introduction to the scientific literature and grant writing. Required of all physics and physical science majors. **EXPECTATION:** PHYS 4510 should be completed. **SAME AS:** CHEM 4520.
- 4650 Independent Study** **1-4 hrs. (arranged)**
Individual research in advanced areas of interest. **REPEAT:** May be repeated. Total credit not to exceed 8 hours. **OFFERED:** With sufficient demand.
- 4910 Science Seminar I** **1 hr. (1, 0)**
Techniques and practice of written and oral technical communication with respect to experimental or library research projects. Required of all science majors. Both PHYS 4910 and 4920 must be completed to receive advanced writing competency (writing intensive) credit. **PREREQUISITE:** Science major. **SAME AS:** BIOL/CHEM 4910.
- 4920 Science Seminar II** **1 hr. (1, 0)**
Techniques and practice of written and oral technical communication with respect to experimental or library research projects. Required of all science majors. Both PHYS 4910 and 4920 must be completed to receive advanced writing competency (writing intensive) credit. **PREREQUISITE:** Science major. **SAME AS:** BIOL/CHEM 4920.
- 4930 Seminar** **2-4 hrs. (arranged)**
Topics selected from optics, quantum mechanics, thermodynamics, mechanics, astrophysics, nuclear physics, or other advanced topics. **REPEAT:** May be repeated. Total credit not to exceed 12 hours. **OFFERED:** With sufficient demand.

Psychology

Dr. W. Priest, chair; Dr. L. Griffith, Dr. L. Stull, Dr. S. Borders, Dr. W. Farmen

Psychology is the scientific study of the brain, mind, and behavior. It is approached from physiological, cognitive, and social perspectives. Psychologists apply the scientific method (including statistics and experimental design) to the study of brain function, perception, memory, development, social influence, attitudes, organizational behavior, abnormal behavior, and the treatment of disorders. This requires the development of skills in critical thinking, quantitative reasoning, speaking, writing, and ethical decision making. Each course seeks to integrate psychological theories and data with biblically based principles. Psychology majors have pursued successful careers in research, counseling, teaching, medicine, business, and law. The department's web page can be found at <http://psychology.anderson.edu>.

MAJORS

PSYCHOLOGY MAJOR (30 hours)

Requirements:

- Three hours of PSYC 2000
- Two hours of PSYC 2010
- One hour of PSYC 4900

Fifteen additional hours from 3000 and 4000 level PSYC courses including:

- At least 12 hours from PSYC 3010, 3040, 3060, 3100, 3120, 3200, 3210, 3240, 3310, 3330, 4030, 4100, 4110, 4140, 4150, 4440, 4510/4520, 4650
- At least 3 hours from any 3000- and 4000-level PSYC courses
- PSYC 4900 does NOT count toward these 16 hours.

Remaining hours from any additional PSYC courses

PSYCHOLOGY COMPLEMENTARY MAJOR (26 hours)

The complementary major does not stand alone to fulfill graduation requirements, but it is a useful complement to students who are seeking a better understanding of themselves and others. The structure of the complementary major is flexible but has these requirements:

- Required courses: PSYC 2000, 2010, 4900
- At least 12 hours from PSYC 3010, 3040, 3060, 3100, 3120, 3200, 3210, 3240, 3310, 3330, 4030, 4100, 4110, 4140, 4150, 4440, 4510/4520, 4650
- Remaining hours from additional PSYC courses

YOUTH LEADERSHIP-DEVELOPMENT COMPLEMENTARY MAJOR (28 HOURS)

Youth Leadership Development does not stand alone to fulfill graduation requirements, but it is a valuable complement to such majors as youth ministries, sociology, social work, criminal justice, family science, psychology, and other majors involving interaction with youth. This major is also an excellent complement for students who enjoy working with youth but whose careers will be in fields that may not involve interaction with youth.

- PSYC 2000, 2100, 2510, 4210
- SOCI 2120, 3100, 3150
- EDUC/PSYC/SOCI 2850, 4800

MINOR

PSYCHOLOGY MINOR (16 hours)

- Required course: PSYC 2000
- At least 6 hours from 3000- and 4000-level PSYC courses

DEPARTMENTAL HONORS

Departmental honors are awarded only to those students who meet the requirements below and are recommended by the department faculty. The number of students receiving departmental honors is limited by Anderson University policies and Psychology Department recommendations. Psychology students seeking honors must submit an application in order to be considered. Minimum requirements for applying include: (1) completion of 36 hours of psychology courses, including at least one upper-division course from each full-time faculty member; (2) cumulative GPA of at least 3.00; (3) GPA of at least 3.50 in the psychology major. From this pool of applicants, the department faculty will award honors as student performance merits.

PSYC COURSES

- 2000 General Psychology** **3 hrs. (3, 0)**
An introduction to the scientific study of mental processes and behavior. Topics include history, biological basis of behavior, sensation, perception, development, learning, memory, motivation, emotion, social, abnormal, statistics, counseling, and therapy. Required of all psychology majors and minors.
- 2010 General Psychology Laboratory** **2 hrs. (1, 1)**
An introduction to the scientific method, inferential statistics, and journal report writing. Required of all psychology majors. **PREREQUISITE:** Psychology major or minor.
- 2050 Psychological Propaedeutics** **4 hrs. (4, 0)**
An introduction to the philosophical foundations of psychology. Topics include will, mind, sense, cognition, dreams, mental faculties, imagination, memory, and the unconscious. **PREREQUISITE:** PSYC 2000. **OFFERED:** Normally offered semester I.
- 2100 Interpersonal Relationships** **4 hrs. (4, 0)**
An introduction to the social skills that increase interpersonal effectiveness in courtship, marriage, work, and play. Methods used may involve role playing, personal feedback, video recording, and group discussion. **GRADE:** CR/NC registration.
- 2110 Educational Psychology** **3 hrs. (3, 0)**
An introduction to the application of psychology to the problems of education. This course examines the theoretical and applied aspects of learning, motivation, human development, personality, and measurement and evaluation. **SAME AS:** EDUC 2110.
- 2440 Applied Statistics and Introduction to Research** **4 hrs. (4, 0)**
An examination of basic statistical techniques with emphasis on interpreting research literature, practical applications in psychology, business and political science, and use and interpretation of appropriate computer software. **PREREQUISITE:** Mathematics proficiency (see Liberal Arts Program section in this catalog). **SAME AS:** POSC 2440.
- 2510 Developmental Psychology** **4 hrs. (4, 0)**
An introduction to the study of psychological growth and development of the individual from a lifespan approach. Child and adolescent development will be emphasized. A holistic approach to physical, cognitive, affective, and personality development; parenting; and stages of grief and dying is used. Theorists considered may include Piaget, Erikson, Kohlberg, Mahler, and Kubler-Ross. **PREREQUISITE:** PSYC 2000.
- 2850 Practicum in Leadership Skills** **2 hrs. (1, 2)**
An introduction to training assertiveness, communication, helping, and negotiation skills.

Students receive direct feedback on their performance and gain experience in co-leadership and team building. Required for youth leadership-development majors. **CONSENT:** Instructor. **PREREQUISITE:** PSYC 2100. **GRADE:** CR/NC registration. **SAME AS:** EDUC/SOCI 2850.

- 3010 Social Psychology** 4 hrs. (4, 0)
An examination of the behavior of individuals in society, including the study of attitudes, beliefs, prejudice, aggression, leadership, and altruism. **PREREQUISITE:** PSYC 2000. **OFFERED:** Normally offered semester II. **SAME AS:** SOCI 3010.
- 3040 Group and Institutional Dynamics** 3 hrs. (3, 0)
A practical approach to the theory and training of small and large groups and their leadership. The focus is on leading groups in schools, churches, hospitals, agencies, and industry. Group types covered include discussion, task, and personal development groups. **PREREQUISITE:** PSYC 2000. **GRADE:** CR/NC registration.
- 3060 The Emotions** 4 hrs. (4, 0)
An exploration of the theories and experimental evidence that bear on human emotions. Acquired and primary needs and motives are also considered. Topics include stress, love, hate, facial expressions in emotion, measurement of emotion, sex differences in emotion, sociobiological explanations of temperament, and ethology. **PREREQUISITE:** PSYC 2000. **OFFERED:** Normally offered semester I.
- 3100 Human Brain Dysfunction** 4 hrs. (4, 0)
Within a framework of neuropsychology, an introduction to brain dysfunction, including language disruption, learning disabilities, and the effects of stroke, tumor, and traumatic brain injury. **PREREQUISITE:** PSYC 2000. **OFFERED:** Alternate years.
- 3120 Abnormal Psychology** 4 hrs. (4, 0)
An exploration of differing perspectives on abnormal behavior and how these impact the resulting classification and treatments. **PREREQUISITE:** PSYC 2000. **OFFERED:** Semester I.
- 3200 Living the Christian Faith in a Post-Modern World** 3 hrs. (3, 0)
An examination of the interface of biblical principles as developed through the inductive study of contemporary approaches to understanding the world. Emphasizes the impact of such principles on faith and action.
- 3210 Biopsychology** 4 hrs. (3, 2)
An introduction to the biological foundations of animal and human behavior, including human neuropsychology, the study of brain disease, and how the environment (including toxins) contributes to changes in the brain. The laboratory component stresses the human brain and the student's ability to recognize its various components. **EXPECTATION:** PSYC 2010 is strongly recommended. **PREREQUISITE:** PSYC 2000.
- 3220 Organizational Behavior and Theory** 3 hrs. (3, 0)
Stresses behavior in relation to organizational theories, knowledge, and the application of theories related to individual, group, and organizational performance. Emphasis on understanding the managerial process from a behavioral perspective. **PREREQUISITE:** PSYC 2000. **SAME AS:** BSNS 4010.
- 3240 Experimental Design** 4 hrs. (4, 0)
An introduction to complex analysis of variance and covariance. Focuses on intermediate statistical methods of data analysis. The class is for students planning to do doctoral work in psychology. **PREREQUISITE:** PSYC/POSC 2440 or MATH 2120. **OFFERED:** Normally offered Semester II.
- 3310 Psychological Tests** 4 hrs. (4, 0)
An introduction to the principles and practices of individual and group testing in aptitude, intelligence, interest, and personality. Theory, construction, evaluation, interpretation, uses, and limits of psychological tests are emphasized. Specific topics include reliability, validity, norms, test construction, and selection. **EXPECTATION:** PSYC/POSC 2440 strongly recommended. **PREREQUISITE:** PSYC 2000. **OFFERED:** Alternate years.

- 3330 Cognitive Psychology** 4 hrs. (4, 0)
An examination of the theoretical and empirical consideration of cognitive processes. Topics include preconscious and conscious processing, memory models, problem-solving, and language. Corresponding topics from neuroscience will also be included. **PREREQUISITE:** PSYC 2000.
- 3370 Psychology of Religion** 3 hrs. (3, 0)
Examination of Christian and religious existence and their relationships to various aspects of human life by approaches developed in religious, philosophical, and psychological traditions of study. **SAME AS:** PHIL/RLGN 3370.
- 3500 Thought Life and Spiritual Growth** 2 hrs. (2, 0)
Utilizes cognitive theory and spiritual principles to inform one's interpersonal and professional growth. This course will present a convergence model of cognitive precepts and Judeo-Christian spiritual principles that can be utilized in such transformation. A theoretical context will be provided and experiential techniques will be modeled for application. **EXPECTATION:** BIBL 2000 or SOCI 2010 or PSYC 2000. **CONSENT:** Instructor. **PREREQUISITE:** Upper-division standing. **SAME AS:** SOCI 3500.
- 4030 Counseling and Psychotherapy** 4 hrs. (4, 0)
An examination of several approaches to treating abnormal behavior with an emphasis on developing practical competence. **PREREQUISITE:** PSYC 2000, 3120. **OFFERED:** Semester II.
- 4100 Leadership and Training Skills** 2 hrs. (2, 0)
This course equips students to lead small interpersonal skill training groups using the skills of working with a co-leader, team building, promoting a positive learning environment, agenda monitoring, and remaining task focused. Students will learn to train others in the skills of communication, assertion, helping, and negotiation. **CONSENT:** Instructor. **PREREQUISITE:** PSYC 2850. **REPEAT:** May be repeated once for credit. **GRADE:** CR/NC registration.
- 4110 History and Systems** 3 hrs. (3, 0)
The study of the evolution of thought in psychology from its inception as an experimental science to the development of its significant systems, issues, experiments, and theories of today. It provides a good preparation for the Graduate Record Examination in psychology. **PREREQUISITE:** PSYC 2000. **OFFERED:** Alternate years.
- 4140 Personality Theory** 4 hrs. (4, 0)
A critical evaluation of major theories of personality based on selected philosophical and theological perspectives. Theorists considered include Freud, Sartre, Jung, and Lacan. **PREREQUISITE:** PSYC 2000. **OFFERED:** Normally offered semester II.
- 4150 Philosophical Issues for the Psychologist** 3 hrs. (3, 0)
An examination of the differing methodological approaches of psychology and theology. The interface of science and a Christian perspective is explored. **PREREQUISITE:** PSYC 2000. **OFFERED:** Typically alternate years.
- 4210 Capstone: Psychological Issues for Youth** 4 hrs. (4, 0)
A unifying experience for all youth leadership-development majors to integrate their understanding of the problems of youth, potential methods of prevention and guidance, and special topics unique to this age group. Students will prepare presentations for use during their internship. **PREREQUISITE:** PSYC 2000, 2510, 2850; SOCI 2120, 3100, 3150.
- 4440 Critical Analysis of the Discipline of Psychology** 3 hrs. (3, 0)
A critical examination of the methods, assumptions, values, and objectives of traditional or mainstream psychology. Topics are drawn from perspectives outside the boundaries of traditional psychology, including feminist, socialist, Native American, and African American. Moreover, as a writing intensive course, critical analysis will hone students' ability to write clearly, precisely, and logically. **PREREQUISITE:** PSYC major/minor.

- 4510 Capstone Research I** **2 hrs. (1, 2)**
 This year-long course (fall and spring) provides an opportunity for students to design, propose, and implement individual research projects. Students are expected to present their research findings to an appropriate audience. **EXPECTATION:** Students should be prepared to cover part of the costs for their projects and any registration fees for conferences. **CONSENT:** Instructor. **OFFERED:** Fall semester.
- 4520 Capstone Research II** **2 hrs. (1, 2)**
 A continuation of Capstone Research I. This year-long course (fall and spring) provides an opportunity for students to design, propose, and implement individual research projects. Students are expected to present their research findings to an appropriate audience. **EXPECTATION:** Students should be prepared to cover part of the costs for their projects and any registration fees for conferences. **CONSENT:** Instructor. **PREREQUISITE:** PSYC 4510. **OFFERED:** Spring semester.
- 4650 Independent Study/Research Project** **1-4 hrs.**
 A scheduled or specially arranged class for research or other individual study. Capstone research projects require two semesters (fall and spring). **EXPECTATION:** Students should be prepared to cover part of the costs for their projects and any registration fees for conferences. **CONSENT:** Instructor. **REPEAT:** May be repeated, but no more than 8 hours may be applied toward the major.
- 4800 Internship in Youth Leadership** **2 hrs. (1, 2)**
 An opportunity for youth leadership-development majors to practice the training and presentation skills and content learned in prior courses in an applied setting relevant to the student's career or personal goals. Required for youth leadership-development majors. **PREREQUISITE:** PSYC 4210. **GRADE:** CR/NC registration. **SAME AS:** EDUC/ SOCI 4800.
- 4900 Professional Issues for the Psychologist** **1 hr. (1, 0)**
 This course provides an assessment of the student's development as a psychology major. In this course (to be taken during the first semester of the senior year), students will discuss professional issues such as ethics in the practice of psychology and a Christian response to these ethical principles. In addition, students will discuss strategies for applying to graduate schools and job seeking. Formal assessment of the major will be completed in this course. Required of all psychology majors. **REQUIREMENT:** Senior-year status.

Religious Studies

Dr. Overstreet, chair; Dr. Barlow, Dr. Osborne Berky, Dr. Burnett, Dr. Kirkpatrick, Dr. Majeski, Dr. Shively, Prof. Spaulding, Dr. Strege; Dr. Erny, Dr. Faulkner, Dr. Lozano, Prof. Neidert

Questions of truth and destiny confront each generation and are at the root of all human enterprises, necessitating that the very nature of the educational task focus on these basic issues. With a firm commitment to the centrality of the Christian tradition for all such considerations, the Department of Religious Studies offers coursework and field experiences designed to:

- develop in all students familiarity with and appreciation for the biblical foundations of the Christian faith;
- make available from a Christian perspective a wide range of knowledge concerning the religious experience of humankind;
- provide the biblical, theological, and pastoral Christian education, field courses, and experiences central to preparing enlightened and committed Christian leaders; and
- develop students' appreciation for and critical reflection of their own and others' beliefs, practices, and experiences.

Students seeking more than one major in the department may present no more than 15 hours common to those majors. Students seeking minors as well as majors in this department must choose a different area of study for the minor and present a minimum of 12 hours not applied to the major.

Many of the department's academic and support activities are channeled through the Anderson University Center for Ministry Education (see the Special Programs section in this catalog).

BIBLICAL STUDIES

The biblical studies major provides opportunities for students to know about the history, composition, and transmission of biblical texts; to use scholarly resources and different interpretive approaches to engage with biblical texts; and to value the variety of resources and diversity of contexts in which biblical texts continue to play a role.

BIBLICAL STUDIES MAJOR (45 hours)

- BIBL 2000, 2050, 3300
- RLGN 2000, 2060, 2130, 2150, 3040, 4950
- A course from four of the six following series:
 - The Gospels: BIBL 334x
 - The Pentateuch: BIBL 337x
 - Pauline Epistles: BIBL 335x
 - Former and Latter Prophets: BIBL 338x
 - General Writings: BIBL 336x
 - Old Testament Writings: BIBL 339x
- Remaining hours from any courses offered by the department.

BIBL 334x, 335x, 336x, 337x, 338x, and 339x are offered with different subtitles on a rotating basis. BIBL 2110, 2120, 2210, and 2220 are recommended.

BIBLICAL STUDIES MINOR (16 hours)

- RLGN 2150
 - 13 hours from BIBL courses
- BIBL 2110, 2120, 2210, 2220 do not apply toward the minor.*

BIBLE AND RELIGION

Courses in this major are drawn from the related areas of theology, Bible, and religion as students explore the biblical sources of Christian religion and its theology, practice, and relation to life and culture. This major is especially valuable for pre-seminary students.

BIBLE AND RELIGION MAJOR (39 hours)

- BIBL 2000, 2050
- RLGN 2000, 2060, 2130, 2150, 3040, 3320, 4950
- 12 upper-division hours from BIBL and RLGN courses

BIBL 334x, 335x, 336x, 337x, 338x, and 339x are offered with different subtitles on a rotating basis.

RELIGION MINOR (16 hours)

- RLGN 2000, 2060, 3320
- Remaining hours from RLGN-captioned courses not applied to liberal arts requirements.

ETHICS

The ethics minor is designed to provide additional depth and strength in the critical study of moral and ethical deliberations and is particularly focused on continuing moral concerns facing humans, their institutions, and the wider creation. The ethics minor is designed to strengthen the knowledge base of departmental majors but may also complement the interests of students in other majors.

ETHICS MINOR (16 hours)

- BIBL 3420; PHIL 2120, 3210; RLGN 2130, 3120
- 1 hour of independent study
- COMM 3200 may be applied

PHILOSOPHY

Courses in philosophy involve students in relative consideration of the nature of humanity, society, morality, religion, the arts, and the natural world. These courses contribute to the liberal arts education in two basic ways: they help students understand and assess beliefs that are integral to their views of human existence, and they are meant to enable students to acquire philosophical skills and materials that enrich and integrate the study of other disciplines. Essential to the success of each course is an atmosphere of openness to diverse viewpoints and a respect for the high standards of critical thinking.

PHILOSOPHY MINOR

- 16 hours from PHIL courses

CHRISTIAN MINISTRIES

The Christian ministries major is designed to prepare students to serve as Christian leaders and servants in the world. It offers undergraduate study of ministry which may lead to (1) lay ministry while pursuing another profession; (2) a position of leadership in ministry in a local congregation, a church-related organization, or a related field; or (3) graduate study in ministry. This major is intended to be a first step in a plan of lifelong learning for ministry. Courses in the Christian ministries major include biblical and religious studies as well as ministry courses involving skill development in core ministry tasks, the exploration of various ministry options, and supervised practical experience.

Within the Christian ministries major, students may choose one of two tracks to ministry: the In-Life Track or the In-Profession Track. The In-Life Track is designed for students who want to be active in ministries as lay people or for students planning to continue preparation in graduate programs in ministry or schools of theology. The In-Profession Track is designed primarily for students planning to go immediately upon graduation into entry-level positions in ministry or who want to continue their studies in graduate programs or seminaries. Both tracks are concerned with the options available within ministry, such as teaching, preaching, administration, counseling, worship, outreach, and missions.

CHRISTIAN MINISTRIES COMPLEMENTARY MAJOR — IN-LIFE TRACK (35 hours)

The In-Life Track may be taken only in conjunction with another major. This approach strengthens students' preparation for servanthood in today's world by connecting theological,

biblical, and ministerial knowledge with students' base of knowledge. It offers the opportunity to be equipped for lay ministry while preparing for another profession and gives students a broad base in preparation for graduate study in ministry. This track includes study in four contextual areas for ministry: public, congregation, family/interpersonal, and workplace.

- BIBL 2000, 2050; RLGN 2130, 3040, 3420, 4950
- At least 1 hour from CMIN 4850 or 3340 (3 hours recommended for students preparing for professional study)
- One course from each of the following context areas:
 - Public: CMIN 3240, 4100; RLGN 3120, 3320
 - Congregation: CMIN 2200, 2270, 3050, 4250
 - Family/interpersonal: CMIN 3080, 3230
 - Workplace: CMIN 2000; RLGN 2220
- 3 hours from additional upper-division courses offered by the department, not including courses applied to liberal arts requirements.

CHRISTIAN MINISTRIES MAJOR — IN-PROFESSION TRACK (49 hours)

The In-Profession Track is designed as a stand-alone major. This approach is designed for students desiring to enter ministry upon graduation but who might choose to continue their studies later and for students entering seminary immediately upon graduation. Involving academic theory as well as practical dimensions of ministry, this track gives students both depth and breadth of preparation. A minor or cognate in a related area of study may also be added to this track.

- 24 hours from departmental core courses: BIBL 2000, 2050; RLGN 2000, 2060, 2130, 2150, 3040, 4950
- 4 hours from CMIN 4850
- 15 hours from ministry core courses: CMIN 2000, 2200, 3050, 3080, 4250
- 6 hours from additional courses offered by the department (3 hours must be upper-division), not including courses applied to liberal arts requirements.

CHRISTIAN MINISTRIES MINOR (18 hours)

- CMIN 2000 or RLGN 2220
- 9 hours chosen from RLGN 2210 or any additional CMIN course
- 6 hours from additional courses offered by the department (3 hours must be upper division)

YOUTH MINISTRIES MAJOR (52 hours)

- 24 hours from departmental core courses: BIBL 2000, 2050; RLGN 2000, 2060, 2130, 2150, 3040, 4950
- 4 hours from CMIN 4850
- 15 hours from ministry core courses: CMIN 2000, 2200, 3050, 3080, 4250
- 9 hours from youth and family ministry courses: CMIN 2260, 3230, 3260

The student may wish to join with this major the Youth leadership-development Complementary Major.

CHRISTIAN MINISTRIES EXPERIENTIAL EDUCATION

The Christian ministries and youth ministries majors also offer experiential education in ministry, including internships (CMIN 4850), experiential courses (CMIN 3340, 4650) offered in conjunction with agencies such as Urban Studies in cities like Chicago or Indianapolis and the Heart Institute in Florida, and opportunities offered through Anderson University Center for Ministry Education (AUCME).

Students are urged to explore the opportunities offered through the AUCME program, which supports personal and professional growth in ministry. For more information, see the Special Programs section in this catalog, or contact the Department of Religious Studies.

BIBL COURSES

- 2000 Introduction to the Bible** 4 hrs. (4, 0)
Historical and literary study of Old and New Testaments as Scripture. Introductory course surveying historical contexts, varieties of literature, and development and expression of theology of these writings.
- 2010 History and Literature of the Old Testament** 3 hrs. (3, 0)
Introduction to the history of the Old Testament, with attention to the composition and transmission of the texts as well as the social and historical world of the ancient Near East, and literature of the Old Testament, with attention to the variety of genres and diversity of literary forms as well as issues of canon. Both BIBL 2010 and BIBL 2020 are necessary to fulfill the Liberal Arts Program area I.A. requirement.
- 2020 History and Literature of the New Testament** 3 hrs. (3, 0)
Introduction to the history of the New Testament, with attention to the composition and transmission of the texts as well as the social and historical world of the Graeco-Roman period, and literature of the New Testament, with attention to the variety of genres and diversity of literary forms as well as issues of canon. Both BIBL 2010 and BIBL 2020 are necessary to fulfill the Liberal Arts Program area I.A. requirement.
- 2050 Methods in Biblical Exegesis** 3 hrs. (3, 0)
Introduction to methods, resources, and practice of exegesis of both Old and New Testaments. Practical application of current exegetical methodologies to biblical texts. Biblical languages not required. **EXPECTATION:** ENGL 1120. **PREREQUISITE:** BIBL 2000.
- 2110 Beginning Hebrew I** 4 hrs. (4, 0)
Study of the basic principles of biblical Hebrew grammar and syntax, with reading and writing exercises. Acquisition of a basic vocabulary of 150-200 words is expected. Applies toward the biblical studies major but not the Bible and religion major.
- 2120 Beginning Hebrew II** 4 hrs. (4, 0)
Continuation of Beginning Hebrew I. Study of biblical Hebrew grammar and syntax, with reading and translation of selected narrative passages. Second-year Hebrew is strongly recommended after this course for facility in the Hebrew text of the Old Testament. Applies toward the biblical studies major but not the Bible and religion major. **PREREQUISITE:** BIBL 2110 or equivalent.
- 2210 Beginning Greek I** 4 hrs. (4, 0)
Basic principles of grammar, with reading and writing exercises. Acquisition of basic vocabulary. Reading in selected passages. This course is foundational for any further work in Greek (biblical or classical). Applies toward the biblical studies major but not the Bible and religion major.
- 2220 Beginning Greek II** 4 hrs. (4, 0)
Continuation of Beginning Greek I. Basic principles of grammar, with reading and writing exercises. Acquisition of basic vocabulary. Reading in selected passages. This course is foundational for any further work in Greek (biblical or classical). Applies toward the biblical studies major but not the Bible and religion major. **PREREQUISITE:** BIBL 2210 or equivalent.
- 2900 Honors Seminar** 2-4 hrs. (arranged)
CONSENT: Department chair.
- 3000 The Bible, Christians, and Biblical Interpretation** 3 hrs. (3, 0)
This course is a historically based study of the ways in which Christians have interpreted the Bible. The course considers the diversity of Christian interpretation as well as the development of Christianity as the biblical text was interpreted over time. **PREREQUISITE:** BIBL 2000; upper-division standing. **SAME AS:** RLGN 3000.
- 3110 Intermediate Hebrew** 3 hrs. (3, 0)
Consists of a reading of selected passages of the Hebrew Old Testament for the purpose of acquiring a large vocabulary and general facility in interpretation of Hebrew texts. **PREREQUISITE:** BIBL 2120.

- 3120 Hebrew Exegesis** 3 hrs. (3, 0)
Continuation of reading of selected passages of the Hebrew Bible, with special attention given to exegesis. The student will also research and write a major exegetical study of an Old Testament passage, based on the Hebrew text. **PREREQUISITE:** BIBL 3110.
- 3210 Advanced Greek I** 3 hrs. (3, 0)
Translation of New Testament and other selected Hellenistic texts. Emphasis on grammar review and study of syntax to introduce students to basic principles of exegesis. **PREREQUISITE:** BIBL 2220.
- 3220 Advanced Greek II** 3 hrs. (3, 0)
Continuation of BIBL 3210. Translation of New Testament and Hellenistic texts. May also include Greek texts from classical period. Emphasis on more extensive application of principles of exegesis. **PREREQUISITE:** BIBL 3210.
- 3260 New Testament Faith for Life** 3 hrs. (3, 0)
Study of thought and faith of New Testament writings so that understanding found there may inform the search for faith today. **PREREQUISITE:** BIBL 2000; upper-division standing.
- 3300 Beginnings of Christianity** 3 hrs. (3, 0)
Study of origin and development of Christianity within its Jewish and Graeco-Roman environments. Special attention given to ways in which New Testament writers and their communities responded to cultural and religious questions of the first two centuries. **PREREQUISITE:** BIBL 2000.
- 3310 Archaeological History of the Ancient Near East** 3 hrs. (3, 0)
Principles, problems, and contributions of archaeology as related to ancient civilizations from Sumer to fall of Rome.
- 3320 Hebrew Roots of Christian Faith** 3 hrs. (3, 0)
Study of the ancient and modern relation between Christian faith and its Hebrew heritage, with emphasis on select passages from the Hebrew Scriptures and the New Testament. **PREREQUISITE:** BIBL 2000; upper-division standing.
- 334X THE GOSPELS**
Study of background of the Gospels and current exegesis of specific Gospels. The study will rotate among the individual synoptic Gospels and the Gospel of John. Open to non-majors with instructor's permission. **PREREQUISITE:** BIBL 2000, 2050; RLGN 2150. **REPEAT:** May be repeated under a different number.
- 3341 Matthew** 3 hrs. (3, 0)
3342 Mark 3 hrs. (3, 0)
3344 John 3 hrs. (3, 0)
3345 Luke 3 hrs. (3, 0)
- 335X PAULINE EPISTLES**
Study of the background, purpose, content, teachings, and exegesis of individual Epistles or meaningful clusters of Epistles. Open to non-majors with instructor's permission. **PREREQUISITE:** BIBL 2000, 2050; RLGN 2150. **REPEAT:** May be repeated under a different number.
- 3351 Romans** 3 hrs. (3, 0)
3352 I/II Corinthians 3 hrs. (3, 0)
3353 I/II Thessalonians 3 hrs. (3, 0)
3354 Galatians 3 hrs. (3, 0)
3355 Prison Letters 3 hrs. (3, 0)
3356 Pastorals 3 hrs. (3, 0)
- 336X GENERAL WRITINGS**
Study of New Testament writings including the General Epistles and Acts, exploring the background, purpose, and current exegesis of single books or meaningful clusters. Open to

non-majors with instructor's permission. **PREREQUISITE:** BIBL 2000, 2050; RLGN 2150.
REPEAT: May be repeated under a different number.

3361	James/Peter/Jude	3 hrs. (3, 0)
3362	Acts of the Apostles	3 hrs. (3, 0)
3363	Hebrews	3 hrs. (3, 0)
3364	Johannine Literature	3 hrs. (3, 0)

337X *THE PENTATEUCH*

Study of the books of the Pentateuch in terms of the background, setting, formation, and current exegesis of the individual books or as a meaningful cluster. Open to non-majors with instructor's permission. **PREREQUISITE:** BIBL 2000, 2050; RLGN 2150. **REPEAT:** May be repeated under a different number.

3371	Genesis	3 hrs. (3, 0)
3372	Exodus	3 hrs. (3, 0)
3373	Deuteronomy	3 hrs. (3, 0)

338X *FORMER AND LATTER PROPHETS*

Rise, development, and significance of prophecy in the Old Testament with study of individual prophetic books or meaningful clusters of books regarding background, purpose, and current exegesis. Open to non-majors with instructor's permission. **PREREQUISITE:** BIBL 2000, 2050; RLGN 2150. **REPEAT:** May be repeated under a different number.

3381	Isaiah/Jeremiah/Ezekiel	3 hrs. (3, 0)
3382	Hosea/Amos	3 hrs. (3, 0)
3383	Former Prophets: 1-2 Kings	3 hrs. (3, 0)
3384	Isaiah	3 hrs. (3, 0)
3385	Former Prophets: 1-2 Samuel	3 hrs. (3, 0)
3386	Former Prophets: Joshua/Judges	3 hrs. (3, 0)

339X *OLD TESTAMENT WRITINGS*

Study of the writings section of the Old Testament examining individual books or meaningful clusters regarding background, purpose, content, and interpretation. Open to non-majors with instructor's permission. **PREREQUISITE:** BIBL 2000, 2050; RLGN 2150. **REPEAT:** May be repeated under a different number.

3391	Psalms	3 hrs. (3, 0)
3392	Wisdom Literature	3 hrs. (3, 0)
3393	Ecclesiastes	3 hrs. (3, 0)
3394	Esther/Daniel	3 hrs. (3, 0)
3395	Ezra/Nehemiah	3 hrs. (3, 0)
3410	Images of Jesus Then and Now	3 hrs. (3, 0)

Examination of the images of Jesus in theology, history, literature, and the arts from ancient times to the present and across cultural lines, with emphasis on the biblical images of Jesus. **PREREQUISITE:** BIBL 2000; upper-division standing.

3420	New Testament Ethics	3 hrs. (3, 0)
Exegetical study of the ethical teachings of Jesus and Paul. Secondary emphasis on the Johannine writings. An overview of the major ethical systems (such as Deontology and Consequentialism), discussions of moral issues (such as abortion), and an examination of how the teachings of the New Testament, and of the Bible in general, have been used in making moral decisions. PREREQUISITE: BIBL 2000. OFFERED: With sufficient demand.		

3520	Apocalyptic Literature	3 hrs. (3, 0)
Examination of the nature and purpose of Judeo-Christian writings of apocalyptic genre. Study from the perspectives of scholarly exegesis of selected apocalyptic passages from the		

- Old Testament (Daniel), the Apocrypha, the Pseudepigrapha, and the New Testament with particular emphasis on the Apocalypse of John. **PREREQUISITE:** BIBL 2050; RLGN 2150.
- 3900 Honors Seminar** 2-4 hrs. (arranged)
CONSENT: Department chair.
- 4650 Independent Study** 2-4 hrs. (arranged)
 Individual study, investigation, research, or project. **CONSENT:** Department chair. **REPEAT:** May be repeated.
- 4900 Honors Seminar** 2-4 hrs. (arranged)
CONSENT: Department chair.
- 4910 Seminar** 1-4 hrs. (arranged)
 Special areas of study and research in Old and New Testaments. **PREREQUISITE:** BIBL 2000. **REPEAT:** May be repeated.

RLGN COURSES

- 2000 Introduction to Religion** 3 hrs. (3, 0)
 Introduction to the nature of religion as it is understood critically in contemporary thought. Viewpoints including historical, anthropological, sociological, psychological, philosophical, and phenomenological studies of religion will be surveyed. Brief introduction to the history of the study of religion is included.
- 2060 History of Christianity** 3 hrs. (3, 0)
 Comprehensive survey of the history of Christianity. An effort is made to trace main lines of development and to understand them in light of their inner dynamics and general environment. **SAME AS:** HIST 4010.
- 2130 Introduction to Christian Ethics** 3 hrs. (3, 0)
 Introduction to the nature, sources, and diversity of Christian ethics understood as the deliberate reflection on the Christian moral life. Particular attention given to how Jesus and the church as a moral community of faith provide basic guidance in forming individuals capable of determining questions of right and wrong, good and evil. **PREREQUISITE:** BIBL 2000.
- 2150 Hermeneutics: The Practice of Interpreting** 3 hrs. (3, 0)
 Sustained reflection on the practice of interpreting, understood to be a necessary activity in all of human life. Primary attention is given to the art of interpreting texts — including biblical texts as well as those of theology, philosophy, ethics, history, and others, both ancient and contemporary. **PREREQUISITE:** BIBL 2000.
- 2210 Faith and Human Development** 3 hrs. (3, 0)
 Study of faith development through the life cycle with attention to changes in, influences on, and implications of our processes of meaning-making. Focus on individuals and their relationships in church, community, and wider society.
- 2220 Christian Communities and Vocation: Discipleship and Citizenship** 3 hrs. (3, 0)
 A study of ways that faith within Christian traditions can be expressed through lay leadership in the church and through care for the common good. Models of servanthood, vocation, leadership, discipleship, and citizenship will be studied by focusing on foundational biblical texts. Historical understandings and contemporary expressions of these models will also be considered.
- 2270 Church of God Heritage** 4 hrs. (4, 0)
 Sociohistorical treatment of the Church of God (Anderson, Ind.). Emphasis on dynamic factors influencing direction of change. **PREREQUISITE:** BIBL 2000.
- 2900 Honors Seminar** 2-4 hrs. (arranged)
CONSENT: Department chair.
- 3000 The Bible, Christians, and Biblical Interpretation** 3 hrs. (3, 0)
 This course is a historically based study of the ways in which Christians have interpreted the Bible. The course considers the diversity of Christian interpretation as well as the

- development of Christianity as the biblical text was interpreted over time. **PREREQUISITE:** BIBL 2000; upper-division standing. **SAME AS:** BIBL 3000.
- 3040 Introduction to Christian Theology** 3 hrs. (3, 0)
Beginnings in theology: province and methods of theology, doctrines of God, human nature, Christ, the church, eschatology. **PREREQUISITE:** BIBL 2000.
- 3100 Christian Understandings of Human Experience** 3 hrs. (3, 0)
Investigation of perennial human experiences of ultimacy, spirit, community, hope, revelation, and search for truth and reconciliation. Acquaints students with biblical-Christian interpretation of these experiences. **PREREQUISITE:** Upper-division standing.
- 3120 Current Issues in Christian Ethics** 3 hrs. (3, 0)
A critical examination of Christian reflections and decision-making on moral and ethical issues in contemporary life. "Christian," as used in this course, seeks particularly to take Jesus and the church seriously in defining, describing, and illuminating the nature and content of moral issues. The course examines varying approaches to Christian moral decision-making, with a view to shaping sound responses to several current moral issues confronting human beings and creation. **PREREQUISITE:** RLGN 2130 or BIBL 3420.
- 3130 Renaissance and Reformation** 3 hrs. (3, 0)
Political, social, economic, religious, and intellectual life of early modern Europe from 14th century to 1648. **SAME AS:** HIST 3130.
- 3170 Sociology of Religion** 3 hrs. (3, 0)
Sociological factors influencing expression of religion. **OFFERED:** 2015-16. **SAME AS:** SOCI 3170.
- 3200 Introduction to Myth** 4 hrs. (4, 0)
Explores the nature and meaning of myth, with illustrations from various world mythologies. Emphasizes the relationship between myth, literature, and religion. **SAME AS:** ENGL 3200.
- 3320 A World of Religions** 3 hrs. (3, 0)
Introduction to the major tenets and cultural expressions of selected religions, such as Islam, Taoism, Buddhism, Jainism, Hinduism, Judaism, and Christianity. Religions are compared and contrasted thematically and structurally. **PREREQUISITE:** Upper-division standing. **SAME AS:** HIST 3320.
- 3370 Psychology of Religion** 3 hrs. (3, 0)
Examination of Christian and religious existence and their relationships to various aspects of human life by approaches developed in religious, philosophical, and psychological traditions of study. **SAME AS:** PHIL/PSYC 3370.
- 3420 American Religious History** 3 hrs. (3, 0)
Comprehensive survey of diverse American religious experiences in the past and present. A study of various historic forms of Christianity, Judaism, Eastern faiths, and indigenous American religions, as well as unifying religious forces, such as "civil religion." **SAME AS:** HIST 3420.
- 3900 Honors Seminar** 2-4 hrs. (arranged)
CONSENT: Department chair.
- 4200 Philosophical Theology** 3 hrs. (3, 0)
Various understandings of God with emphasis on current theological developments. **SAME AS:** PHIL 4200.
- 4270 Philosophy of Religion** 3 hrs. (3, 0)
Investigation of central themes and ideas in Christian theism. **PREREQUISITE:** PHIL 2000; upper-division standing. **SAME AS:** PHIL 4270.
- 4650 Independent Study** 2-4 hrs. (arranged)
Individualized study, investigation, research, or project. **CONSENT:** Department chair. **REPEAT:** May be repeated.
- 4900 Honors Seminar** 2-4 hrs. (arranged)
CONSENT: Department chair.

- 4910 Seminar** **1-4 hrs. (arranged)**
 Special areas of study, research, or field work, under departmental direction. **CONSENT:** Department chair. **REPEAT:** May be repeated. Total credit not to exceed 8 hours. **OFFERED:** With sufficient demand.
- 4950 Senior Capstone: Life as an Educated Person** **2 hrs. (2, 0)**
 As a senior capstone for all majors in the Department of Religious Studies, this seminar provides a forum within which perspectives from the various departmental disciplines and professional orientations can inform one another. This seminar offers participants the opportunity to reflect together on their educational pilgrimage in their own academic discipline.

PHIL COURSES

- 2000 Practicing Philosophy** **3 hrs. (3, 0)**
 Examination of major aspects of Western philosophy and philosophical inquiry.
- 2060 Logic** **3 hrs. (3, 0)**
 Study of argumentation and reasoning with attention to various types of arguments and ways of reasoning.
- 2120 Ethics** **3 hrs. (3, 0)**
 Classical and contemporary considerations of moral issues and nature and status of ethical theory.
- 2210 History of Philosophy: Ancient and Medieval** **3 hrs. (3, 0)**
 Dominant philosophical systems from ancient Greece through the medieval period, the cultural milieu in which these systems of thought arose, their presuppositions, and their implications for human self-understanding. **SAME AS:** HIST 2210.
- 2220 History of Philosophy: Modern** **3 hrs. (3, 0)**
 Continuation of PHIL 2210, from Renaissance to present. **PREREQUISITE:** PHIL 2210. **SAME AS:** HIST 2220.
- 2240 Contemporary Philosophy** **4 hrs. (4, 0)**
 Twentieth-century philosophical movements and philosophers from Sartre to Wittgenstein.
- 3010 History of Political Thought** **3 hrs. (3, 0)**
 Examination of major works in the development of political thought from ancient Greece through the 20th century. Theorists studied include Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, and Mill. **PREREQUISITE:** Sophomore standing. **OFFERED:** Spring semester of even-numbered years. **SAME AS:** HIST/POSC 3010.
- 3020 Development of American Thought** **3 hrs. (3, 0)**
 Interdepartmental course tracing the history and development of American thought and its influence on American life and literature. **PREREQUISITE:** Upper-division standing. **SAME AS:** HIST 3020.
- 3200 Nineteenth-Century Philosophy** **3 hrs. (3, 0)**
 Particular emphasis on Kant, rise of German Idealism, and dominant figures through Nietzsche.
- 3210 Moral Conflicts and Controversy** **3 hrs. (3, 0)**
 Examines the question of moral conflict through the works of the Greek tragic poets Aeschylus and Sophocles and selected works of Plato and Aristotle. Students consider solutions to the moral problems arising from irreconcilable life situations. **PREREQUISITE:** PHIL 2000.
- 3370 Psychology of Religion** **3 hrs. (3, 0)**
 Examination of Christian and religious existence and their relationships to various aspects of human life by approaches developed in religious, philosophical, and psychological traditions of study. **SAME AS:** PSYC/RLGN 3370.
- 4200 Philosophical Theology** **3 hrs. (3, 0)**
 Various understandings of God with emphasis on current theological developments. **SAME AS:** RLGN 4200.

- 4270 Philosophy of Religion** 3 hrs. (3, 0)
Investigation of central themes and ideas in Christian theism. **PREREQUISITE:** PHIL 2000; upper-division standing. **SAME AS:** RLGN 4270.
- 4900 Honors Seminar** 3-4 hrs. (3-4, 0)
Selected philosophers and philosophical problems. **CONSENT:** Department chair.
- 4910 Seminar** 3-4 hrs. (3-4, 0)
Selected philosophers and philosophical problems.

CMIN COURSES

- 2000 Introduction to Christian Ministry** 3 hrs. (3, 0)
Entry-level course for students interested in ministry. Provides “whole” picture of ministry of Christian church, its theology and practice. Equips students to evaluate their call and pursue preparation for effective ministry. **OFFERED:** Every semester.
- 2200 Teaching Ministry of the Church** 3 hrs. (3, 0)
Survey of Christian education ministry including purpose, scope, program, curriculum, procedures. Emphasis on skill development in teaching the faith. **PREREQUISITE:** BIBL 2000; CMIN 2000. **OFFERED:** Fall semester.
- 2230 Educational Ministry with Children** 3 hrs. (3, 0)
Planning and conducting an educational ministry with children in the local church. Approaches to teaching/learning that encourage achievement of objectives of Christian education with children through elementary years. **PREREQUISITE:** CMIN 2200.
- 2260 Educational Ministry with Youth** 3 hrs. (3, 0)
Approaches to planning and conducting youth ministry in the local church. Focus on teaching/learning procedures that encourage achievement of objectives of Christian education with adolescents. **PREREQUISITE:** CMIN 2200. **OFFERED:** Fall semester.
- 2270 Faith and Worship** 3 hrs. (3, 0)
Understanding Christian worship through consideration of its biblical and historical backgrounds and through observation of its current practice. Experience in planning and conducting worship in a variety of settings. **PREREQUISITE:** BIBL 2000.
- 2520 Introduction to Mission** 3 hrs. (3, 0)
Mission of the church will be considered generally and in particular enterprises. Biblical and historical backgrounds for mission. Cultural and world conditions related to mission will be explored. Range of careers involved will be part of the study. **PREREQUISITE:** BIBL 2000. **OFFERED:** Fall semester.
- 2900 Honors Seminar** 2-4 hrs. (arranged)
CONSENT: Department chair.
- 3050 Corporate Ministries: Communicating the Gospel** 3 hrs. (3, 0)
Seminar on skills in ministry with emphasis on practical development of pastoral leaders’ public ministries, including preaching, teaching, worship, and administrative leadership. **PREREQUISITE:** CMIN 2200. **OFFERED:** Fall semester.
- 3080 Personal Ministries: Enabling the Christian Community** 3 hrs. (3, 0)
Seminar on skills in ministry emphasizing pastors’ personal ministries, including pastoral care, visitation, counseling, and development of such ministries in others. **PREREQUISITE:** CMIN 2200. **OFFERED:** Spring semester.
- 3230 Educational Ministry with Families** 3 hrs. (3, 0)
Resources and models related to Christian family life education are explored. Focus on designing and implementing family-life educational models that may be used in local, state, regional, or national church settings. **PREREQUISITE:** CMIN 2200.
- 3240 Educating Toward Peace, Justice, and Sustainability** 3 hrs. (3, 0)
This seminar course studies how educational ministry might be shaped when mindful of

key aspects of the reign of God: peace, justice, and care for creation. For each of these areas, students explore a specific issue, investigate responses to that issue having educational implications, and identify ways congregational responses might be facilitated. Study includes recent educational approaches dealing with peace, justice, care for creation, and understandings of foundational concepts. Students are asked to become involved in service in the community to form an action base on which to reflect. Action-reflection (praxis) is a significant mode of learning as a class-community. **PREREQUISITE:** BIBL 2000. **OFFERED:** Spring semester.

- 3260 Approaches to Youth Ministry** 3 hrs. (3, 0)
Approaches to developing effective ministry with youth in the local congregation. Emphasizes historical developments, biblical and theological foundations, relational elements, leadership and volunteer development, and structuring and implementing local youth ministry. **PREREQUISITE:** CMIN 2260. **OFFERED:** Spring semester.
- 3340 The Community of Faith in an Urban Culture** 3 hrs. (3, 0)
Two weeks of field experiences in two major American cities are preceded by a week of assigned reading and class discussion. The class experiences first-hand the church's response to runaway and throwaway children, homelessness, hunger, drug addiction, racism, unemployment, and other expressions of urban alienation. Written reflection on the experience. **CONSENT:** Instructor. **GRADE:** CR/NC registration.
- 3900 Honors Seminar** 2-4 hrs. (arranged)
CONSENT: Department chair.
- 4100 Outreach Ministries: Extending the Community of Faith** 3 hrs. (3, 0)
Skills-in-ministry seminar focuses on the study of evangelism in the broadest sense, including personal evangelism, corporate proclamation, and ministry to human and social needs. Emphasis is on a biblical and theological analysis of evangelism, the history of outreach ministries, and relationship to the world today, all within the scope of personal, parachurch, and congregational concerns.
- 4210 Current Issues in Christian Education** 3 hrs. (3, 0)
Study of Christian education's role within total life and work of the church (local, district, national). Approaches church can take to achieve objectives and educational responsibilities. Some emphasis on local church educational administration and leadership. **PREREQUISITE:** CMIN 2200; upper-division standing. **OFFERED:** With sufficient demand.
- 4250 Theology in a Ministry Context** 3 hrs. (3, 0)
In this capstone course for the Christian ministries and youth ministries majors, students draw upon methods of congregational study, practical theology, and ministry experience to identify and address selected issues within a particular congregation. The course includes written and oral presentations of ministry-related research. Required for Christian ministries and youth ministries majors. **PREREQUISITE:** CMIN 3050, 3080, 4850. **OFFERED:** Spring semester.
- 4650 Independent Study** 1-4 hrs. (arranged)
Individualized study, investigation, research, or project. **CONSENT:** Department chair.
- 4850 Ministry Practicum** 1-4 hrs. (arranged)
Provides exposure to ministry as a vocation. Students observe and participate in work of the church and its ministry. **CONSENT:** Instructor. **PREREQUISITE:** CMIN 2000. **REPEAT:** May be repeated. **GRADE:** CR/NC registration.
- 4900 Honors Seminar** 2-4 hrs. (arranged)
CONSENT: Department chair.
- 4910 Seminar in Church Work** 1-4 hrs. (arranged)
Special areas of study, research, or field work, under departmental direction. **CONSENT:** Department chair. **PREREQUISITE:** Christian ministries major. **REPEAT:** May be repeated. Total credit not to exceed 8 hours. **OFFERED:** With sufficient demand.

Sociology, Social Work, Criminal Justice, and Family Science

Dr. Mac Murray, chair; Prof. Bargerstock-Oyler, Prof. Collins, Dr. Reedy-Strother, Prof. Musser, Prof. Pay, Prof. McDole, Dr. Quashie, Dr. Scott

Four majors are offered in the department: criminal justice, family science, social work, and sociology. Students seeking more than one major in the Department of Sociology, Social Work, Criminal Justice, and Family Science may present no more than 15 hours common to those majors. Students seeking a minor and a major in the department must choose a different area of study for the minor and present a minimum of 12 hours not applied to the major.

Honors study is offered for students with strong academic records in any of the four departmental majors. For information, contact the department chair.

Students in any of the departmental majors may attend Chicago Center for a semester or summer term. The center's seminar on communities and cultures may be taken for credit in lieu of SOCI 2020. Internship and practicum hours may also be earned. Students should consult with the campus liaison for more information.

CRIMINAL JUSTICE

The criminal justice major enables students to enter employment in fields related to law enforcement, courts and corrections, victim advocacy and assistance, and also provides a foundation for graduate study.

CRIMINAL JUSTICE MAJOR (33 hours)

- CRIM 2510, 2520, 3110
- 4 hours from CRIM 4810 and 2 hours from CRIM 4900
- SOCI 2010, 2020, 3700
- 6 hours from additional CRIM courses

Students who wish to take additional coursework providing more breadth and depth in the field should consult with their advisor concerning the appropriate courses.

CRIMINAL JUSTICE MINOR (18 hours)

- CRIM 2510, 2520, 3110
- 4 hours from CRIM 4810
- 3 hours from additional CRIM courses

ASSOCIATE OF ARTS DEGREE (62 hours)

This two-year Associate of Arts degree program is designed for students pursuing careers in criminal justice, as well as for individuals already employed in the criminal justice field. The curriculum provides foundational courses in criminal justice and approximately one-half of the hours required for the four-year Bachelor of Arts degree program. The curriculum assumes proficiency in writing at the ENGL 1100 or 1110 level and in mathematics at the MATH 1000 level.

- LART 1100; BIBL 2000; POSC 2100; SOCI 2010, 2020
- CRIM 2510, 2520, 3110
- 4 hours from CRIM 4810
- 3 hours from additional CRIM courses
- 12-14 hours from the liberal arts program (see Liberal Arts Program section in this catalog), no more than one course from any one component and no more than 4 hours from courses offered by the department
- Remaining hours from additional courses in any caption; no more than 31 hours from CRIM courses
- Students must also meet other graduation requirements as listed in this catalog

FAMILY SCIENCE

The Family Science program is designed to prepare students for professional careers in a variety of human service areas, including family services and youth programs; family life or parent education programs; business and government agencies; and leadership roles in church, school, and community. Graduates are also prepared for personal roles in marriage and family living. The program offers students a strong foundation for graduate work leading to careers in ministry, marriage and family therapy, counseling, and teaching of family science at college level. Key content areas include human development, sexuality, interpersonal relationships, internal dynamics of families, parent-child relationships, and family processes such as communication, moral development, decision-making, family resource management, and problem-solving. Anderson University's Family Science program is certified by the National Council on Family Relations. Graduates of the program are eligible to apply for Provisional Certified Family Life Education (CFLE) certification.

FAMILY SCIENCE MAJOR (50-51 hours)

- SOCI 2100, 2120, 2200, 3100, 3120, 3140, 3150, 3700, 4150, 4820, 4910, 4950
- BSNS 3150; PSYC 2510; SOWK 3200
- PSYC 2100 or COMM 3310

FAMILY SCIENCE MINOR (18 hours)

- SOCI 2100, 2120, 3100; 3120 or 3150
- 6 hours from additional courses required for the major

SOCIOLOGY

The sociology major provides a strong liberal arts preparation for entry-level positions throughout the fields of social service, government, and business, as well as for graduate study. Sociology majors who enter careers in business may work in human resources, customer relations, sales, or marketing. Those who enter human services fields often work with youth at risk, the elderly, or people experiencing problems related to poverty, substance abuse, the justice system, or other social problems.

SOCIOLOGY MAJOR (33 hours)

- SOCI 2010, 2020, 2200, 2510, 3150, 3400, 3700, 3820, 4020, 4200

SOCIOLOGY MINOR (17 hours)

- SOCI 2010, 3700, 3820
- one course from SOCI 3150, 3220, 3400
- one course from SOCI 3470, 4020, 4200

SOCIAL WORK

The social work major is accredited by the Council on Social Work Education (CSWE) and prepares students to become generalist social work practitioners in entry-level human service positions or for graduate study in social work. Graduates are eligible to apply for credentialing as beginning-level social work practitioners in most states.

MISSION

The mission of the Anderson University Social Work Program is to prepare competent, compassionate, and effective entry-level social workers who:

- have acquired knowledge, skills, and values for professional generalist practice
- are committed to do good, seek justice, rebuke and rectify the hearts of oppressors, defend orphans and widows, and help those in need (based on Isaiah 1:17)
- will be servant leaders in their world

ADMISSION TO THE SOCIAL WORK PROGRAM

The Anderson University Social Work Program is a carefully constructed baccalaureate degree curriculum accredited by the Council on Social Work Education (CSWE).

Students may apply for admission to the program when they have:

- completed SOCI 2010, 2020; SOWK 2000, 2100
- earned a minimum 2.00 cumulative grade point average
- earned a minimum 2.50 grade point average in the major with a grade of C- or better in all courses applicable to the major
- earned a grade of C- or better in ENGL 1120 or its equivalent

The process for applying to the Social Work Program is to:

- submit a completed application form (available in departmental offices)
- submit two letters of recommendation
- complete an interview with the Social Work Program faculty

The social work faculty makes the final decision on admission of a student to the Social Work Program. For more information, see the Anderson University Social Work Program Student Handbook, available in departmental offices.

SOCIAL WORK MAJOR (64 hours)

The social work major at Anderson University may be declared in the academic advising office at any time after matriculation. However, continuation in the major is determined by admission to the Social Work Program.

Prerequisite courses required for admission to the Social Work Program:

- SOCI 2010, 2020; SOWK 2000, 2100

Foundation courses required for the Social Work Program:

- BIOL 2040; POSC 2100; PSYC 2000, 2440; SOCI 3100, 3400

Core courses required for the Social Work Program:

- SOWK 2200, 3100, 4710, 4720, 4730, 4850; SOCI 3700

Admission to the Social Work Program is a prerequisite for SOWK 4710, 4720, 4730, and 4850. To advance in the program after admission, students must earn a grade of C- or better in all courses applied to the major.

Internship experiences in social agencies are built into SOWK 2100 (36 hours), SOWK 2200 (20 hours), and SOWK 4710 (20 hours). The practicum (SOWK 4850) consists of a full-time block field placement over the entire semester (472 hours).

CRIM COURSES

- | | | |
|-------------|--|----------------------|
| 2510 | The Nature of Crime and Social Deviance
Examines the nature and extent of crime, juvenile delinquency, and social deviance in the United States. Special attention is given to theoretical perspectives and related factors which offer explanations for these behaviors. PREREQUISITE: ENGL 1120. PREREQUISITE OR COREQUISITE: SOCI 2010 or SOCI 2020. SAME AS: SOCI 2510. | 4 hrs. (4, 0) |
| 2520 | Introduction to Criminal Justice
An introductory examination of crime, the nature of criminal law, and the operation of criminal justice agencies in the United States. Emphasis on issues related to the legal processing of criminal cases. | 3 hrs. (3, 0) |

- 3010 Victimology and Victim Studies** 3 hrs. (3, 0)
Examines the role of the victim in criminal incidents and criminal justice case processing. Analysis of concerns related to victim precipitation, victim blaming, and victim facilitation, as well as the consequences and after-effects of crime victimization. In addition to traditional violent and property crimes, this course also looks at the area of family violence. Discussion of advances in victims' assistance, compensation, and rights are also included.
- 3020 Principles of Law Enforcement** 3 hrs. (3, 0)
Examines the multi-faceted role of the police officer in society. Topics include the historical development of policing and police work, police organization and patrol practices, police discretion, innovations in community policing, police corruption, career issues, and reform efforts. **PREREQUISITE:** CRIM 2520.
- 3030 Juvenile Justice** 3 hrs. (3, 0)
Focuses on issues related to juvenile delinquency and justice processing involving youth. Looks at the changing definitions of adolescence in society, delinquent behavior, major theoretical perspectives in the area, the creation and development of the juvenile court, recent changes in the juvenile justice system, and treatment of juvenile offenders. **PREREQUISITE:** CRIM 2510, 2520.
- 3040 The Correctional System** 3 hrs. (3, 0)
Examines corrections in all of its diversity — at the federal, state, and local levels, and via public as well as private agencies. Attention concerns community-based corrections, probation and parole, jails, prisons, and trend patterns in organization and day-to-day functioning of correctional agencies in the United States. **PREREQUISITE:** CRIM 2520.
- 3110 Criminal Law and Process** 4 hrs. (4, 0)
Examines the historical development of substantive and procedural criminal law in the United States as well as how the law is implemented in practice through the actions of criminal justice agencies. Issues involving constitutional questions and related landmark Supreme Court decisions are discussed and analyzed. **PREREQUISITE:** CRIM 2510, 2520.
- 3650 Independent Study** 1-4 hrs. (1-4, 0)
Intensive research, study, or personal involvement in a criminal justice area not specifically covered by other courses. **CONSENT:** Department chair and instructor. **REPEAT:** May be repeated. Total credit not to exceed 8 hours.
- 4120 Planned Change** 4 hrs. (4, 0)
Examination and analysis of strategies for planned change and reform in the criminal justice area. Case studies of particular issues related to policing, the courts, and/or corrections. **CONSENT:** Instructor. **PREREQUISITE:** CRIM 2520. **OFFERED:** With sufficient demand.
- 4650 Independent Study** 1-4 hrs. (1-4, 0)
Intensive research, study, or personal involvement in a criminal justice area not specifically covered by other courses. **CONSENT:** Department chair and instructor. **REPEAT:** May be repeated. Total credit not to exceed 8 hours.
- 4810 Criminal Justice Internship I** 1-4 hrs. (arranged)
Placement in a criminal justice agency under professional supervision. Planned for criminal justice majors and minors in their junior or senior years. Forty hours of field experience is required for each hour of credit. **CONSENT:** Instructor. **PREREQUISITE:** CRIM 2510, 2520. **REPEAT:** May be repeated.
- 4820 Criminal Justice Internship II** 1-4 hrs. (arranged)
Continuation of CRIM 4810. Forty hours of field experience is required for each hour of credit. This internship is normally completed at an agency different than the agency for CRIM 4810. **CONSENT:** Instructor. **PREREQUISITE:** CRIM 4810. **REPEAT:** May be repeated.
- 4900 Criminal Justice Seminar** 2-4 hrs. (2-4, 0)
Senior capstone course involving intensive reading and discussion of materials focused on issues related to crime, criminological theory, and applied policy, as well as career pursuits

in criminal justice and related professional issues. **CONSENT:** Instructor. **PREREQUISITE:** CRIM 2510, 2520; upper-division standing.

- 4920 Honors Study** **4 hrs. (arranged)**
Intensive research, study, or personal involvement in a criminal justice area not specifically covered by other courses. **EXPECTATION:** Open only to seniors with 3.50 or higher GPA in CRIM courses counted toward the major. **CONSENT:** Department chair. **PREREQUISITE:** Senior standing. **REPEAT:** May be repeated. Total credit not to exceed 4 hours.

SOCI COURSES

- 2010 Introduction to Sociology** **3 hrs. (3, 0)**
Presents the basic principles, concepts, and theoretical paradigms of sociology for analyzing social behavior, human relationships, and social institutions. Introduces students to a sociological perspective and form of analysis for understanding social life. Emphasizes “sociological imagination,” developing a perspective that strives to understand the intersection between individual biography and social structural history. Surveys the main areas of study and concentration within the field of sociology.
- 2020 Social Problems** **3 hrs. (3, 0)**
Sociological analysis of contemporary social problems. Designed to help students increase awareness and sensitivity toward major social issues, recognize the impact of social problems on various groups of people within our society, and understand how societal structures can serve to perpetuate or intervene to effectively resolve social problems. Credit for SOCI 2020 may be earned by completing the Communities and Cultures Seminar at Chicago Center.
- 2100 Introduction to Family Science** **3 hrs. (3, 0)**
General survey of the family science discipline with emphasis on the scientific study of the role of the family as society’s most basic institution, including ways in which the family interacts with the ecosystem, how family roles and relationships are changing in response to cultural and technological changes, and the internal processes of the family which influence the growth and well-being of individuals and the resulting impact of such influence upon society as a whole.
- 2120 Courtship and Marriage** **3 hrs. (3, 0)**
Preparation for marriage with examination of factors contributing to personal and marital adjustment, including awareness of one’s values, goals, sexuality, family experiences, and social background as these relate to mate selection, marital interaction, and parental decisions and behaviors.
- 2200 Self and Society** **3 hrs. (3, 0)**
Examines the interrelationship of self and society in the everyday world of social interaction. Particular emphasis on theoretical perspectives of the self and related conceptions of self-concept and self-esteem, social roles, and identity. The importance of society in the development and expression of self is examined through a focus on socialization processes, language, deviance, and gender.
- 2250 Cultural Anthropology** **4 hrs. (4, 0)**
Introduction to nature, organization, and functioning of human culture with attention to dynamics of cultural change. Major concern is to develop understanding and appreciation of cultures other than one’s own. **OFFERED:** With sufficient demand.
- 2510 The Nature of Crime and Social Deviance** **4 hrs. (4, 0)**
Examines the nature and extent of crime, juvenile delinquency, and social deviance in the United States. Special attention is given to theoretical perspectives and related factors that offer explanations for these behaviors. **PREREQUISITE:** ENGL 1120. **PREREQUISITE OR COREQUISITE:** SOCI 2010. **SAME AS:** CRIM 2510.
- 2850 Practicum in Leadership Skills** **2 hrs. (1, 2)**
An introduction to training assertiveness, communication, helping, and negotiation skills. Students receive direct feedback on their performance and gain experience in co-leadership.

- and team building. Required for youth leadership-development majors. **CONSENT:** Instructor.
PREREQUISITE: PSYC 2100. **GRADE:** CR/NC registration. **SAME AS:** EDUC/PSYC 2850.
- 3010 Social Psychology** **4 hrs. (4, 0)**
 An examination of the behavior of individuals in society, including the study of attitudes, beliefs, prejudice, aggression, leadership, and altruism. **PREREQUISITE:** PSYC 2000. **OFFERED:** Normally offered once a year. **SAME AS:** PSYC 3010.
- 3100 Human Sexuality** **3 hrs. (3, 0)**
 Nature and meaning of human sexuality as part of one's total personality structure. Consideration of theological/spiritual, physiological, social, and cultural aspects of human sexual nature and behavior. Of particular value to people entering human service professions including pastoral counseling, social work, criminal justice, nursing, individual therapy, marriage and family therapy, and related fields. **PREREQUISITE:** SOCI 2120 or SOWK 2200 or senior standing.
- 3120 Dynamics of Marital Interaction** **3 hrs. (3, 0)**
 Dynamic interplay of social and psychological influences upon personal and relationship growth in marriage. Emphasis on changing roles, love and its expression, distribution of power, communication, decision making, conflict resolution, dual-career couples and time management, sexual expression, physical and sexual abuse, crises arising at different stages of marriage, divorce and remarriage, and programs for marriage enrichment. **PREREQUISITE:** SOCI 2100.
- 3140 Parenting** **3 hrs. (3, 0)**
 Examines parenting during each developmental stage of the family life cycle. Consideration of trends occurring in parent-child relationships, cultural variations in parenting, goals of parenting, discipline, communication and conflict resolution in parent-child relationships, physical and sexual abuse of children, parenting in different types of families, and current theories and programs designed to enable fathers and mothers to become more effective in their roles as parents. **PREREQUISITE:** SOCI 2100.
- 3150 Family Diversity** **3 hrs. (3, 0)**
 Focus on diversity in family structures in contemporary U.S. society. Variations of family patterns by race, ethnicity, religion, social class, gender, and disability will be examined. Exploration of the social dynamics of family formation, composition, functioning, and patterning. **PREREQUISITE:** SOCI 2010 or 2100.
- 3170 Sociology of Religion** **3 hrs. (3, 0)**
 Sociological factors influencing expression of religion. **SAME AS:** RLGN 3170.
- 3220 Social Gerontology** **3 hrs. (3, 0)**
 Course includes theoretical frameworks, historical development of social policy, and social services related to aging. The course will provide students the opportunity to explore the bio-psycho-social dimensions particular to the elderly; assess the socioeconomic, physical, and psychological needs of the elderly; and to develop intervention skills for obtaining, providing, and improving social services on behalf of elderly persons and their families. **OFFERED:** With sufficient demand. **SAME AS:** SOWK 3220.
- 3400 Race and Ethnicity in America** **3 hrs. (3, 0)**
 Examines origins and development of race and ethnicity historically as well as sociologically. Analyzes racism, prejudice, and discrimination as tools of dominance. Evaluates minority group responses. Identifies cultural contributions of ethnic groups. **PREREQUISITE:** Upper-division standing.
- 3470 Environmental Sociology** **3 hrs. (3, 0)**
 Examines the interplay among the biophysical environment, social organization, and human social behavior with a focus on the social and environmental consequences of the organization of daily life. Students will study how various societal institutions and structures influence the definition of and response to the physical environment. **PREREQUISITE:** Upper-division standing.
- 3500 Thought Life and Spiritual Growth** **2 hrs. (2, 0)**

Utilizes cognitive theory and spiritual principles to inform one's interpersonal and professional growth. This course will present a convergence model of cognitive precepts and Judeo-Christian spiritual principles that can be utilized in such transformation. A theoretical context will be provided and experiential techniques will be modeled for application. **EXPECTATION:** BIBL 2000 or SOCI 2010 or PSYC 2000. **CONSENT:** Instructor. **PREREQUISITE:** Upper-division standing. **SAME AS:** PSYC 3500.

- 3650 Independent Study** 1-4 hrs. (arranged)
Intensive study of a sociological area not specifically covered by other courses. **CONSENT:** Department chair and instructor. **REPEAT:** May be repeated. Total credit not to exceed 4 hours.
- 3700 Introduction to Social Research** 4 hrs. (4, 0)
Introduction to methods and application of social research including issues of conceptualization of variables, research design, scientific sampling, quantitative and qualitative forms of analysis, evaluation research, and utilization of social research in policy, program, and practice settings. **PREREQUISITE:** SOCI 2010 or 2100; upper-division standing.
- 3800 Practicum in Group Leadership** 1 hr. (1, 0)
Preparation for and participation as leaders in group life. Does not apply toward any major or minor. **CONSENT:** instructor. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **GRADE:** CR/NC registration.
- 3820 Sociological Theory and Practice** 4 hrs. (4, 0)
Overview of both classical and contemporary sociological theory development. Compares approaches among dominant paradigms to selected areas of inquiry. Considers implications of sociology for social order and change. Explores both micro- and macro-levels of analysis. **PREREQUISITE:** SOCI 2010, upper-division standing.
- 4020 Social Organizations and Institutions** 3 hrs. (3, 0)
Examines the structure of social behavior at the micro and macro levels, as well as organizational processes. Also examines complex organizations and social institutions such as the family, government, work, religion, and education. **PREREQUISITE:** SOCI 2010, 3820.
- 4150 Family Stress and Strategies for Intervention** 3 hrs. (3, 0)
Focus on theories for understanding stress and its impact on families. Examination of ways families respond to developmental and situational stressors in family living (e.g., problems associated with adolescence, substance abuse, divorce, violence, illness, aging, death). Exploration of intervention strategies aimed at enrichment, prevention, and improvement of family functioning. Examines basic skills for assessment and responses to families experiencing stress. **PREREQUISITE OR COREQUISITE:** SOCI 3120. **PREREQUISITE:** SOCI 2120, 3100, 3140, 3150, 3700; senior standing. **SAME AS:** SOWK 4150.
- 4200 Social Stratification** 3 hrs. (3, 0)
Examines the origin, operation and maintenance of various systems of stratification on both structural and interactional levels. Also considers the characteristics and impact of social class division and related inequality in American society. Theories of social stratification discussed. **PREREQUISITE:** SOCI 2010, 3700.
- 4650 Independent Study** 1-4 hrs. (arranged)
Intensive study of a sociological area not specifically covered by other courses. **CONSENT:** Department chair and instructor. **REPEAT:** May be repeated. Total credit not to exceed 8 hours.
- 4700 Methods of Teaching Social Studies** 2 hrs. (2, 0)
Offers guidance in the development of teaching methodology appropriate to the social sciences. Does not apply toward major or minor. **SAME AS:** ECON/HIST/POSC 4700.
- 4800 Internship in Youth Leadership** 2 hrs. (1, 2)
An opportunity for youth leadership-development majors to practice the training and presentation skills and content learned in prior courses in an applied setting relevant to the student's career or personal goals. Required for youth leadership-development majors. **PREREQUISITE:** PSYC 4210. **GRADE:** CR/NC registration. **SAME AS:** EDUC/PSYC 4800.

- 4810 Community Health Internship** 3 hrs.
A supervised field experience providing an opportunity for each student to apply his or her knowledge in a practice setting. The internship will focus on strengthening competence in general community health and specialty skills through practical experiences. A wide range of settings and opportunities may be suitable for an internship, given the program goals and students' interests and career goals. Placement selection may focus on special topics such as women and children's health, infectious disease (HIV/AIDS, Malaria), refugee issues, world food issues, urban food systems, health and nutrition promotion in schools and communities, community food systems, hunger and food security in local and global perspective, food, nutrition, human rights, sustainable communities, and global health policies and initiatives. Internship locations might include NGO, International Agencies (United Nations High Commission for Refugees), World Relief, World Vision, Compassion International, SIFAT, World Hunger Relief Inc., Food Research and Action Center, and local non-profit or governmental agencies. **PREREQUISITE:** GLBL 2500 or instructor permission.
- 4820 Family Science Internship** 3 hrs.
This course is part of a capstone experience for family science majors. The course allows students to work under supervision in an approved agency where classroom knowledge is applied to practical learning skills in a family life education setting. **PREREQUISITES:** SOCI 3140, SOCI 3150, SOCI 3700, SOWK 3200.
- 4850 Practicum** 2-8 hrs. (arranged)
Participation under professional supervision in a social agency. **EXPECTATION:** 40 hours of field experience is required for each hour of credit. **CONSENT:** Instructor. **PREREQUISITE:** Upper-division standing; family science or sociology major. **REPEAT:** May be repeated. Total credit not to exceed 8 hours.
- 4900 Sociology Seminar** 1-4 hrs. (1-4, 0)
Intensive reading and discussion of materials in areas of interest not covered in other sociology courses. **CONSENT:** Instructor. **REPEAT:** May be repeated. Total credit not to exceed 8 hours. **OFFERED:** With sufficient demand.
- 4910 Family Science Integrative Seminar** 3 hrs. (3, 0)
Senior capstone course focuses on the discovery and application of knowledge about family including its history, theories/frameworks, methodologies, emerging applications, and trends in a changing world. **PREREQUISITE:** SOCI 3700, SOWK 3200, SOCI 4820.
- 4920 Honors Study** 4 hrs. (arranged)
Intensive study of a sociological area not specifically covered by other courses. **EXPECTATION:** Open only to seniors with 3.50 or higher GPA in SOCI courses counted toward the major. **CONSENT:** Department chair. **PREREQUISITE:** Senior standing. **REPEAT:** May be repeated. Total credit not to exceed 4 hours.
- 4950 Family Life Education Methodology and Professional Ethics and Practice** 3 hrs. (3,0)
Provides an understanding of the history, general philosophy, development, implementation, and evaluation of research and theory-driven, community-based education and intervention programs for families. The course provides future family life educators with skills required to design, implement, and evaluate programs focused on addressing critical issues of development and human relationships across the lifespan. Students will also develop the ability to critically examine ethical questions and issues as they relate to professional practice. **PREREQUISITES:** SOCI 2100, SOCI 3100, SOCI 3120 or SOCI 3150; senior standing.

SOWK COURSES

- 2000 Introduction to Social Welfare and Social Work** 3 hrs. (3, 0)
Studies the foundations of generalist social work practice. Examines the knowledge, values, and skills base of the social work profession. Provides introductory content in the areas of human

behavior and social environment, social welfare policy, social research, and social work practice.
PREREQUISITE OR COREQUISITE: SOCI 2010 or 2020.

- 2100 Introduction to Field Experience** **2 hrs. (1.25,0)**
 Participant observer field experience (36 hours) in a social agency providing knowledge and perspective about the network of social agencies and institutions, administrative structures, policies, programs, and delivery of services. Students develop human relations skills working with clients. Group discussion each week (1.5 hours). **PREREQUISITE OR COREQUISITE:** SOCI 2010, 2020; SOWK 2000.
- 2200 Human Behavior and Social Environment** **4 hrs. (4, 0)**
 Exploration of the person in the environment through examining biological, psychological, social, and spiritual development over the life span; resources and obstacles in meeting crises at various points in life cycle; systems approach to integration of individual, group, and societal needs; understanding and acceptance of human diversity; integration of theories of human behavior from various disciplines; introductory research methodology. Internship required (20 hours for the semester). **PREREQUISITE OR COREQUISITE:** BIOL 2040; POSC 2100; PSYC 2000; SOCI 2010, 2020, 3400; SOWK 2000, 2100.
- 3100 Social Welfare Policy** **4 hrs. (4, 0)**
 Processes by which policies are developed in social welfare delivery systems; establishing priorities; professional roles in analysis and evaluation in public and private agencies; political and economic implications of major social welfare legislation. **PREREQUISITE:** POSC 2100; SOWK 2000, 2100, 2200.
- 3200 Family Law and Public Policy** **3 hrs. (3, 0)**
 A comprehensive survey of laws and public policies pertaining to marriage and the family: laws relating to marriage, divorce, family support, child custody, child protection rights, and family planning and public policy as it affects the family in areas such as taxes, civil rights, social security, and economic support.
- 3210 Child Welfare** **3 hrs. (3, 0)**
 Historical and current issues related to practice of child welfare. Examination of contemporary services to children and parents. **OFFERED:** With sufficient demand.
- 3220 Social Gerontology** **3 hrs. (3, 0)**
 Course includes theoretical frameworks, historical development of social policy, and social services related to aging. The course will provide students the opportunity to explore the bio-psycho-social dimensions particular to the elderly; assess the socioeconomic, physical, and psychological needs of the elderly; and to develop intervention skills for obtaining, providing, and improving social services on behalf of elderly individuals and their families. **OFFERED:** With sufficient demand. **SAME AS:** SOCI 3220.
- 3230 Mental Health** **3 hrs. (3, 0)**
 Examination of emotional problems resulting in social dysfunctioning of individual and family; includes survey of mental health services. **OFFERED:** With sufficient demand.
- 3240 Developmental Disabilities** **3 hrs. (3, 0)**
 Examination of physical and developmental disabilities. Exploration of barriers and discrimination. Survey of rehabilitation and social services. **OFFERED:** With sufficient demand.
- 3650 Independent Study** **1-4 hrs. (arranged)**
 Intensive study of a social work area not specifically covered by other courses. **CONSENT:** department chair and instructor. **REPEAT:** May be repeated. Total credit not to exceed 8 hours.
- 4150 Family Stress and Strategies for Intervention** **3 hrs. (3, 0)**
 Focus on theories for understanding stress and its impact on families. Examination of ways families respond to developmental and situational stressors in family living (e.g., problems associated with adolescence, substance abuse, divorce, violence, illness, aging, death). Exploration of intervention strategies aimed at enrichment, prevention, and improvement of family functioning. Examining basic skills for assessment and responding to families experiencing

- stress. **PREREQUISITE OR COREQUISITE:** SOCI 3120. **PREREQUISITE:** SOCI 2120, 3100, 3140, 3150, 3700; senior standing. **SAME AS:** SOCI 4150.
- 4650 Independent Study** **1-4 hrs. (arranged)**
Intensive study of a social work area not specifically covered by other courses. **CONSENT:** Department chair and instructor. **REPEAT:** May be repeated. Total credit not to exceed 8 hours.
- 4710 Social Work Practice** **4 hrs. (4, 0)**
Teaches basic skills for generalist social work practice that considers the strengths and deficits in the interplay between people and their environments. Emphasizes theories, methods, and techniques for multi-dimensional assessment, differential selection of interventions, and evaluation in work with diverse populations. Additionally builds skills in ethical decision making, networking, utilizing resources, and documenting services. Internship required (20 hours). Admission to Social Work Program required. **PREREQUISITE:** SOWK 2000, 2100, 2200.
- 4720 Social Work Practice with Families and Groups** **3 hrs. (3, 0)**
Emphasis on basic skills for generalist social work practice that include understanding and assessing family and small group functioning, strategically planning interventions, and effectively terminating and evaluating services with these client groups. Common family issues are presented in tandem with ideas for interventions. A survey of group types is provided with techniques for effective facilitation. **PREREQUISITE:** SOWK 4710. **COREQUISITE:** SOWK 4730.
- 4730 Social Work Practice with Communities and Organizations** **3 hrs. (3, 0)**
A study of macro social work practice skills, interventions, and issues with communities and organizations. Emphasizes community organization as a viable practice method. The close interrelationship between community and organizations is explored as well as concepts such as empowerment, control, mobilization, collective action, and problem solving. **PREREQUISITE:** SOWK 4710. **COREQUISITE:** SOWK 4720.
- 4850 Social Work Practicum** **12 hrs. (arranged)**
Block field placement (472 hours) in social agency under professional supervision. Requires full-time availability for entire semester. **PREREQUISITE:** SOWK 4710. **COREQUISITE:** SOWK 4720.
- 4920 Honors Study** **4 hrs. (arranged)**
Intensive study of a social work area not specifically covered by other courses. **EXPECTATION:** Open only to seniors with 3.50 or higher GPAs in SOWK courses counted toward the major. **CONSENT:** Department chair. **PREREQUISITE:** Senior standing. **REPEAT:** May be repeated. Total credit not to exceed 8 hours.

Statistics

Dr. C. Taylor, director; W. Farmen, Dr. Griffith, Dr. Van Groningen

STATISTICS

Provides a coherent plan of study in statistics supporting students' major fields of study.

STATISTICS MINOR (16 hours)

- MATH 2120 or PSYC/POSC 2440
- MATH 4010
- Other courses selected from PSYC 3240, 4650, or MATH courses approved by the program director.

Women's Studies

Dr. Rogers, coordinator; Dr. Borders, Prof. Dugan, Prof. Pay, Dr. Shrock

An interdisciplinary minor focusing on the historical, cultural, political, and economic roles of women both nationally and globally. Emphasis is also placed on women's issues as they affect the individual and the family. The Women's Studies minor is hosted by the History and Political Science Department.

WOMEN'S STUDIES MINOR (15 HOURS)

- Required courses (5-6 hours):
 - HIST 3260, 4650
- Remaining 9-12 hours from:
 - ARTH 2150; HIST 4030; SOCI 2120, 3100; ENGL 4450

Special Programs

ALPHA PROGRAM

Anderson University believes that all students entering the institution deserve a fair chance to succeed. In turn, success depends on students being adequately prepared to meet the rigors of college-level study. The ALPHA program is designed to support students who have the potential to succeed, but who have not fully developed the skills necessary for collegiate success.

In considering new student applications, the committee for admissions carefully reviews several sources that serve as indicators of collegiate success. Based on these academic records, scholastic aptitude scores, and recommendations, the admissions committee may accept students conditionally for participation in the ALPHA program. As part of the program, students are expected to participate in a pre-collegiate orientation designed to acclimate students to campus before the beginning of classes. During the fall semester, participants are limited to enrolling in a maximum of 12-14 hours. In addition, these students are required to enroll in LART 1010 (Strategies for Academic Success), a three-credit-hour course focusing on academic, study, and life skills necessary for success in college.

ANDERSON UNIVERSITY CENTER FOR MINISTRY EDUCATION

The Anderson University Center for Ministry Education (AUCME) provides an environment of support and guidance to Anderson University students interested in professional ministry while majoring in a variety of undergraduate fields. Operating out of the Department of Religious Studies, the program offers a set of academic, practical, and personal support activities and events. Undergraduate ministerial students receive personal counseling and advising, are introduced to individuals serving in a variety of ministries, and are given opportunities for practical, supervised experience in ministry. The program also works with other college and church agencies in the area of ministerial recruitment and placement. Students interested in associating with this program may apply in the Department of Religious Studies.

CAREER DEVELOPMENT CENTER

The Career Development Center assists students in selecting a major and/or a career path. To prepare for a competitive and rapidly changing job market, students may take advantage of career counseling workshops, résumé and job search workshops, recruitment and job fair opportunities, and the Career and Life Planning class (LART 1200). An extensive resource library allows students to conduct customized job searches or research graduate schools. Additional information is available at www.anderson.edu/career.

CENTER FOR PUBLIC SERVICE

The Center for Public Service (CPS) is an honors program for students preparing for careers in public service. A generous grant from Lilly Endowment, Inc., in 1972 established the center. CPS was founded on the belief that an undergraduate program built around research and study of issues and problems offers distinctive opportunities for students preparing for public service. The cornerstone of the CPS program is personal contact for the Fellows with professionals in their career areas. In addition, CPS Fellows have the opportunity to participate in professional conferences, internships, and other off-campus learning experiences related to their career goals. The center's approach is purposely flexible and individualized. Membership in CPS is highly competitive and based on a comprehensive application process. Students of sophomore standing or above are eligible to apply.

CHICAGO CENTER

Chicago Center semester and summer programs offer the opportunity for students from all majors to live and learn in Chicago while earning credit toward graduation. Three components comprise the program, including an internship in an urban organization, an independent study project that is related to the internship, and a course on urban issues.

Students arrange their individualized program in cooperation with the AU campus liaison and Chicago Center staff. While in Chicago, students live and study with individuals from other small, Midwest, church-affiliated colleges. The campus liaison is a faculty member from the Department of Sociology, Social Work, Criminal Justice, and Family Science.

COUNCIL FOR CHRISTIAN COLLEGES AND UNIVERSITIES

Anderson University is a member of the Council for Christian Colleges and Universities (CCCCU), an organization of more than 100 colleges and universities. Through this membership, students are eligible to apply for a semester in one of a number of off-campus programs. These interdisciplinary learning opportunities are available to upper-class students. For more information, contact the university registrar.

HONOR SOCIETIES

Anderson University has chosen to participate in a number of national academic honor societies. Students whose academic achievement is sufficiently meritorious will be invited to join an honor society (or societies) based on overall grade point average and academic major. National academic honor society chapters fostering the pursuit of scholarship at AU are:

- Alpha Chi (*top 10 percent of juniors and seniors maintaining a GPA of 3.70 or higher*)
- Phi Eta Sigma (*freshmen*)
- Alpha Mu Gamma (*foreign languages*)
- Alpha Sigma Lambda (*non-traditional students*)
- Delta Mu Delta (*business*)
- Kappa Delta Pi (*education*)
- Kappa Mu Epsilon (*mathematics*)
- Phi Alpha (*social work*)
- Phi Alpha Theta (*history*)
- Phi Epsilon Kappa (*health and physical education*)
- Pi Kappa Lambda (*music*)
- Pi Sigma Alpha (*political science*)
- Psi Chi (*psychology*)
- Sigma Tau Delta (*English*)

- **Sigma Theta Tau** (*nursing*)
- **Sigma Zeta Upsilon** (*mathematics and science*)

INTERCOLLEGIATE ATHLETICS

Anderson University sponsors 16 intercollegiate athletic teams (eight men's and eight women's teams) within the mission of the university and the NCAA Division III philosophy. The athletic program is understood as integral to the academic program with the primary emphasis on the student-athlete. An attempt is made to recruit students who fit the academic standards and ethos of the university. For more information, contact the athletic director.

CENTER FOR INTERNATIONAL AND INTERCULTURAL STUDIES (CIIS)

The Center for International and Intercultural Studies (CIIS) serves as a resource for students interested in study abroad, international or intercultural internships, or short-term service/learning experiences (TRI-S). CIIS maintains and directs a wide range of programs focused on developing intercultural competence and assists students in integrating an international or intercultural study experience with their degree program at Anderson University. CIIS staff and faculty advise students regarding the Intercultural Studies complementary major and the various aspects of international and intercultural study including program selection, visas and travel documents, financial aid, safety and security issues, and the transfer of academic credit. Students are encouraged to contact the Center of International and Intercultural Studies (CIIS) early in their degree program when considering international or intercultural study opportunities.

INVISION AU

InVision AU is a collaborative program that sponsors internships, fellowships, community team projects, and business plan competitions, all designed to enable AU students to gain practical work experience and build strong relationships with Indiana businesses.

KISSINGER LEARNING CENTER

The Kissinger Learning Center promotes academic success by providing a variety of free services for all Anderson University students. The center has individual and group-oriented resources, including self-directed, audio, audio-visual, and computer-assisted instructional support materials. The center focuses on helping all students achieve their academic goals. This assistance may be related to specific courses; to the improvement of skills, including reading, writing, and specific study skill competencies; and to preparing for special exams, such as the Praxis. From peer tutoring for virtually all courses to general assistance with reading and study skills, the center staff is eager to help students with their academic goals. In addition, Disability Services is located within the center.

PROGRAM FOR STUDENTS WITH LEARNING DISABILITIES

Anderson University offers a full-service program for students with specific learning disabilities to help them achieve their academic goals. The program is designed to create an educational environment that provides the necessary accommodations to facilitate success while helping students develop skills that lead to future independence. The program includes a two-credit-hour college survival skills class which provides an extra layer of support during the transitions of the first semester. It is the philosophy of Anderson University that those students who are qualified and have a sincere motivation to complete a college education should be given every opportunity to work toward that goal. With an appreciation for individual learning styles, the university provides an atmosphere and environment that allows students with learning disabilities to pursue their goals in a non-threatening and supportive environment. Applicants for this inclusive program should contact Teresa Coplin, director of disability services for students, Kissinger Learning Center, Anderson University, Anderson, IN 46012, (765) 641-4223.

Services may include, but are not limited to, the following:

- testing accommodations
- tutoring

- emotional intelligence instruction
- advocacy/liaison
- study skills instruction
- academic counseling
- time management guidance
- scheduling assistance

SOFTWARE RESEARCH CENTER

The Software Research Center creates a setting in which students and faculty collaborate with local companies and enterprises in the development of specialized software applications that meet real-world needs. For more information, contact Professor Sam Blanchard.

SUMMER SCHOOL

The Summer School program offers students the possibility of attaining a full semester's credit by participating throughout the entire summer term in a variety of delivery formats (e.g. face-to-face, blended, or on line). Generally, there are three four-week sessions, followed by a concluding three-week session, running from May to August, for a total of 15 weeks.

The Department of Adult Studies generally offers two seven-week summer sessions. Courses listed in the master schedule are open to all students. Also possible in summer are specially arranged courses such as reading, online, tutorial, and TRI-S programs. These courses are arranged to help students meet educational goals during the summer without being confined to campus.

The Summer School schedule of classes lists Summer School courses and information about other educational opportunities. Students should read that bulletin and/or contact their academic advisors to determine relationships of such courses to graduation or other requirements. Students planning coursework elsewhere during the summer should consult the registrar's office.

TRI-S

TRI-S (Study, Serve, and Share) seeks to expand the college campus into the world and open challenging and stimulating cross-cultural encounters through international and intercultural learning and service opportunities. Nearly 400 individuals annually volunteer to build, repair, paint, teach, counsel, research, sing, or provide nursing services in Africa, Australia, Asia, Europe, Latin America, the Caribbean, and the United States. These experiences are intensified as students work and/or live with individuals of different cultures. Programs are offered in the summer, during the international opportunity between semesters, or during spring break week. Students should contact the Center for International and Intercultural Studies (CIIS) for information about the TRI-S program.

Graduate Programs

School of Theology

Anderson University was established in 1917 as Anderson Bible Training School. Through the years, the university has evolved and expanded to meet the increasing responsibilities and opportunities of Christian higher education. A particularly significant step was establishing a graduate division in 1950 for the advanced preparation of ministerial students. This division is known as Anderson University School of Theology and is recognized as the seminary of the Church of God (Anderson, Ind.).

Developing rapidly, as did the university, the School of Theology achieved full accreditation in 1965 from the Association of Theological Schools. It continues to enjoy this status, along with full accreditation through the doctoral level from the North Central Association of Colleges and Schools, and membership in other organizations devoted to educational quality in general and, particularly, excellence in ministerial training.

The School of Theology is a graduate professional school of Anderson University, preparing men and women for Christian ministry. It is rooted in the heritage of the Church of God and aspires to be biblical in orientation, missional in emphasis, and relational in spirit. The School of Theology is a community dedicated to:

- **Scholarship:** Encouraging and equipping people in their quest for knowledge of the Bible's content and meaning and of the historical development of the Christian Church and its faith, always seeking in the process to promote academic excellence in the pursuit of truth.
- **Spirituality:** Stimulating spiritual growth, enabling personal discovery and discipline, and exploring the meaning of individual faith and life together.
- **Service:** Enabling people to develop competency in the skills and use of resources necessary for fulfilling the call to ministry.
- **The Church at Large:** Providing for the continuing education of those engaged in ministry, encouraging them in professional growth, serving as a center for research and writing, and providing resources and incentives for creative leadership in the church.

DEGREE PROGRAMS

The School of Theology offers five graduate degree programs: Master of Divinity, Master of Theological Studies, Online Master of Arts in Christian Ministry, Master of Arts in Intercultural Service, and Doctor of Ministry.

MASTER OF DIVINITY

The purpose of this 81-hour degree program is to equip ministers of the Gospel — men and women — for ordained service. The Master of Divinity is the basic ministerial leadership degree for those preparing for ministry. This degree provides a broad preparation with a solid core in Bible, history, theology, mission, and pastoral ministry.

MASTER OF THEOLOGICAL STUDIES

The Master of Theological Studies is a 48-hour degree program that provides a basic understanding of theological disciplines for further graduate study or for general educational purposes. The M.T.S. also provides a thesis track for students considering Ph.D. or Th.D. programs. The thesis track option of the M.T.S. is a 48-hour degree program requiring a 3.5 GPA, faculty interview, and writing sample in addition to general admission into the seminary. Neither the general studies nor thesis option provides adequate preparation for pastoral ministry. Students who are preparing for ordained ministry should enroll in the Master of Divinity degree program.

ONLINE MASTER OF ARTS IN CHRISTIAN MINISTRY

This 48-hour degree program is offered primarily via the Internet and is designed for those currently serving in local congregations. Students do most of their coursework on their own schedule. This degree offers specializations in church planting, student ministry, pastoral ministry, and Christian worship.

MASTER OF ARTS IN INTERCULTURAL SERVICE

This 48-hour degree program is designed to prepare individuals to serve the church in specific fields of mission and outreach. The degree is designed for those desiring to engage in intercultural ministries, in the more traditional missionary sense, either in the United States or overseas, with concerns for both urban and rural contexts.

DOCTOR OF MINISTRY

This 32-hour degree program is designed to enhance the professional competence of already seasoned ministers through research, coursework, interaction, and reflection, including a dissertation project. The focus of the degree is on the ministerial settings in which students are currently serving. Candidates must possess a Master of Divinity degree or equivalent from an accredited theological school.

CENTER FOR CHRISTIAN LEADERSHIP

The Center for Christian Leadership is a non-degree certificate program of the School of Theology that focuses on continuing education for both pastors and laity. The center offers independent study courses created by Anderson University and School of Theology faculty. The Center offers a Certification in Christian Ministry as well as a unique Certification in Aging Ministries, designed for those working with senior adults in a congregational setting. The center's programming is also global in nature with students in England, India, and Canada.

For more information about the School of Theology, contact:

David Neidert
Director of Student Development
(765) 641-4526
www.anderson.edu/sot
email: dlneidert@anderson.edu

Falls School of Business

MASTER OF BUSINESS ADMINISTRATION (M.B.A.) — PROFESSIONAL PROGRAM

Designed for the working professional, this program is fully accredited by the Accreditation Council for Business Schools and Programs (ACBSP) and is offered in Anderson and at locations in the Indianapolis area. Students are part of a cohort that normally meets one night a week. The program can be completed in less than two years.

MASTER OF BUSINESS ADMINISTRATION (M.B.A.) — RESIDENTIAL PROGRAM

Designed for individuals who desire graduate-level studies in a Christian environment immediately following completion of their undergraduate program. The program is experiential in nature, utilizes an intense living-learning approach, and can be completed in 11 months.

FOR MORE INFORMATION ON EITHER MBA PROGRAM, CONTACT:

Dr. Jeffrey M. Buck
Director, MBA Programs
Falls School of Business
Anderson University
1303 E. Fifth Street, Anderson, IN 46012-3468
(765) 641-4329; toll-free: (888) MBA-GRAD; fax (765) 641-4356
www.anderson.edu/mba
email: mba@anderson.edu

DOCTOR OF BUSINESS ADMINISTRATION (D.B.A.)

This 60-hour program (45 hours of coursework plus 15 hours of dissertation) is designed for people who are currently serving or desire to serve as faculty members at higher education institutions and whose primary emphasis is on teaching. The student will do in-depth study in four primary areas: teaching pedagogy, values/faith integration, research methodology, and a specific business major or discipline. The program is designed to allow people currently teaching full time to complete the program requirements in a minimum of four years while continuing to work full time.

FOR MORE INFORMATION ABOUT THE DBA PROGRAM, CONTACT:

Dr. Doyle J. Lucas
Director, DBA Program
Falls School of Business
Anderson University
1303 E. 5th St., Anderson, IN 46012-3468
(765) 641-4360; fax (765) 641-4356
www.anderson.edu/falls/programs/dba
email: buschool@anderson.edu

School of Music, Theatre, and Dance

MASTER OF MUSIC EDUCATION

This 32-hour degree program is designed for the practicing music educator who has one or more years of experience as a music teacher. The degree program can be completed mostly in summer sessions (six weeks of coursework each summer), though a limited number of evening classes during the academic year may be required. Separate tracks of study are available for instrumental, choral, and general music specialists. Students may also pursue three levels of Orff Schulwerk Certification as part of this degree program. The M.M.E. program is accredited by the National Association of Schools of Music.

For more information contact:

Dr. Jeffrey Wright
Dean, College of the Arts
School of Music, Theatre, and Dance
Anderson University
1100 E. 5th St., Anderson, IN 46012-3495
(765) 641-4544; toll-free (800) 619-3047; fax (765) 641-3809
www.anderson.edu/music/mme
email: *musiced@anderson.edu*

School of Nursing

Building on the tradition of excellence of the School of Nursing's baccalaureate program, the Master of Science in Nursing programs offer advanced education in the nursing profession. The School of Nursing offers four tracks to meet the needs of individuals desiring to expand their career opportunities. All courses are taught by faculty in their respective disciplines. The MSN program is fully accredited by the Commission on Collegiate Nursing Education (CCNE). All nursing courses meet the curriculum requirements established by the American Association of Colleges of Nursing (AACN). The program descriptions are as follows:

MASTER OF SCIENCE IN NURSING (MSN) — NURSING EDUCATION TRACK

The MSN with a focus in nursing education is an innovative program that offers advanced nursing practice knowledge in the areas of teaching, curriculum development, assessment, and evaluation of learning outcomes while providing the opportunity for personal and career growth. Master's-prepared students will be equipped with the tools needed to create and manage effective learning environments, utilize theories of nursing and education to provide student acquisition of knowledge, and evaluate clinical performance. The education track is 42 credit hours of study that can be completed in as few as 26 months. Graduates will be eligible for National League of Nursing (NLN) Certification for Nurse Educators (CNE) exam once work requirements are met.

MASTER OF SCIENCE IN NURSING (MSN) — NURSING ADMINISTRATION TRACK

The MSN with a focus in nursing administration offers advanced nursing practice knowledge, skills, and abilities to be effective nurse administrators while providing the opportunity for personal and career growth. Students will be equipped with the tools needed by nurse administrators to lead and direct departments and programs in health-care organizations. Opportunities for the exploration of international health-care organizations, policy development, and project management are integral components of the curriculum. This 37-credit-hour program can be completed in as few as 26 months. Graduates will be eligible for American Nurses Credentialing Center (ANCC) certification as a Nurse Executive (NE-BC) once work requirements are met.

MASTER OF SCIENCE IN NURSING (MSN) — MASTER OF BUSINESS ADMINISTRATION (MBA)

Expanding on the nursing administration track of the master's program, the dual degree program leads to two full degrees — the MSN and MBA degree simultaneously — in a shorter period of time than pursuing each degree independently. The curriculum offers advanced business knowledge, providing students with tools needed to lead and direct complex health-care organizations with multiple departments and disciplines. In addition to learning fiscal and human resource management, students will develop a working knowledge of strategic and competitive business planning toward building and continually improving health-care organizations for the 21st century. This 55-credit-hour program can be completed in as few as 36 months. Graduates will be eligible for American Nurses Credentialing (ANCC) certification as a Nurse Executive (NE-BC) once work requirements are met.

MASTER OF SCIENCE IN NURSING (MSN) — INFORMATICS TRACK

The Master of Science in Nursing with a focus in nursing informatics integrates nursing science, computer science, and information science. This innovative program prepares advanced-practice nurses with knowledge, skills, and abilities to manage and communicate data through the use of information structure, information processes, and information

technology. Students will be equipped with the tools to design and implement programs for patient and other health-care providers. This 35-credit-hour program can be completed in as few as 24 months. Graduates will be eligible for the American Nurse Credentialing Center (ANCC) certification as Informatics Nursing (RN-BC) once work requirements are met.

For more information, contact:

Lynn Schmidt, MSN, RN

Graduate Coordinator

School of Nursing

Anderson University

1100 E. 5th St., Anderson, IN 46012-3495

(765) 641-4388; toll free (866) 575-7148; fax (765) 641-3095

www.anderson.edu/nursing

email: *lmschmidt@anderson.edu*

Administration

OFFICERS OF THE CORPORATION, 2013-14

James L. Edwards	<i>President</i>
Marie S. Morris	<i>Vice President</i>
Robert L. Coffman	<i>Secretary</i>
David L. Sebastian	<i>Dean of the School of Theology</i>
Dana S. Stuart	<i>Treasurer</i>
Ronda S. Reemer	<i>Assistant Secretary</i>
Vanessa J. Tijerina	<i>Assistant Treasurer</i>

ADMINISTRATIVE OFFICERS, 2013-14

James L. Edwards	<i>President</i>
Marie S. Morris	<i>Provost</i>
David L. Sebastian	<i>Dean of the School of Theology</i>
Robert L. Coffman	<i>Vice President for Advancement</i>
Brent A. Baker	<i>Vice President for Student Affairs</i>
Dana S. Stuart	<i>Vice President for Finance and Treasurer</i>

ACADEMIC ADMINISTRATION, 2013-2014

Marie S. Morris	<i>Provost</i>
D. Blake Janutolo	<i>Dean, College of Science and Humanities</i>
Jeffrey E. Wright	<i>Dean, College of the Arts</i>
Terry C. Truitt	<i>Dean, Falls School of Business</i>
Aleza Beverly	<i>Dean, Intercultural Engagement</i>
Karen S. Williams	<i>Dean, School of Nursing</i>
Janice L. Fulkerson	<i>Dean, School of Education</i>
Arthur J. Leak	<i>University Registrar</i>
Willi E. Kant	<i>Director, Center for International and Intercultural Studies</i>
Janet L. Brewer	<i>Director of University Libraries</i>

EXECUTIVE COMMITTEE OF THE BOARD OF TRUSTEES, 2013-14

Louis E. Gerig	<i>Chair</i>
Dennis D. Carroll	<i>Vice Chair</i>
Kay J. Confer	
James R. Cook	
D. Kyle De Fur	
David E. Markle	
James B. Winner	

UNIVERSITY TRUSTEES

Term Expires in 2014

James R. Cook	<i>Indianapolis, Ind.</i>
Louis E. Gerig	<i>Indianapolis, Ind.</i>
Stephen D. Lewis	<i>Morehead, Ky.</i>
Laura Pires-Hester	<i>Riverdale, N.Y.</i>
Lloyd B. Schnuck, Jr.	<i>Martinez, Ga.</i>
Diana L. Swoope	<i>Copley, Ohio</i>

Term Expires in 2015

Kathleen J. Confer	<i>St. Joseph, Mich.</i>
D. Kyle De Fur	<i>Pendleton, Ind.</i>
James L. Edwards	<i>Anderson, Ind.</i>
Dale M. Fontenot	<i>Opelousas, La.</i>
William J. Gaither	<i>Alexandria, Ind.</i>
James B. Winner	<i>Carmel, Ind.</i>

Term Expires in 2016

Dennis D. Carroll	<i>Anderson, Ind.</i>
David E. Cox	<i>Brookville, Ohio</i>
Kevin W. Earley	<i>Romulus, Mich.</i>
Jayne A. Grandison	<i>Yorktown, Ind.</i>
Martin D. Grubbs	<i>Oklahoma City, Okla.</i>
Thomas Scott	<i>Tampa, Fla.</i>
Vernon K. Smith	<i>Okemos, Mich.</i>

Term Expires in 2017

Daniel A. Courtney	<i>Southlake, Texas</i>
James W. Giesler	<i>Madeira Beach, Fla.</i>
Kimberly Leach Johnson	<i>Naples, Fla.</i>
David E. Markle	<i>Anderson, Ind.</i>
Kerry B. Robinson	<i>Anderson, Ind.</i>
Rodney K. Stafford	<i>Fairfax, Virg.</i>

Term Expires in 2018

Patricia Seasor Bailey	<i>Indianapolis, Ind.</i>
Thomas W. Bates	<i>Palm Harbor, Fla.</i>
E. Raymond Chin	<i>South Holland, Ill.</i>
Larry J. Lilly	<i>Columbus, Ohio</i>
Sandi Patty Peslis	<i>Edmond, Okla.</i>
Lois A. Settemeyer	<i>Camas, Wash.</i>
Ralph E. Welton	<i>Clemson, S.C.</i>

Faculty and Professional Staff

Faculty (Full-Time), 2013-14

Date in brackets indicates year of first appointment to Anderson University full-time faculty

James Lee Edwards

President

B.A., Anderson University;
M.Div., Anderson University
School of Theology; Ph.D.,
The Ohio State University [1990]

Donna L. Albrecht

Assistant Professor of Education

B.A., Anderson University;
M.A., American University
in Cairo; Ed.D. (ABD), Ball
State University [2009]

Daniel R. Allen

*Assistant Professor of
Political Science, Co-
Director, Peace and Conflict
Transformation Program*
B.A., Vanderbilt University;
M.A., Central Michigan
University; Ph.D., Washington
State University [2009]

Michael John Bailey

Assistant Professor of Biology
B.S., Sterling College; M.A.,
Ball State University [2000]

David Allen Baird

Professor of Communication
B.A., Anderson University;
M.A., Wheaton College
Graduate School; Ph.D.
Purdue University [1990]

Ingetraut Baird

*Assistant Professor of German
and Spanish*
B.A., Anderson University;
M.A., Ball State University
[1999]

Rebekah Irene Baker

Associate Professor of Education

B.A., Anderson University;
M.S., Butler University; Ph.D.
(ABD), Ball State University
[2006]

Lolene Bargerstock-Oyler

*Associate Professor of Social
Work*

B.A., Anderson University;
M.S.W., Indiana University
[2004]

Brian Charles Barlow

Professor of Religious Studies

B.A., Anderson University;
M.A., M.Div., Anderson
University School of Theology;
Ph.D., Emory University
[2006]

Arlon Alfred Bayliss

Professor of Art

B.A., (hons) Bristol Polytechnic,
U.K.; M.A., Royal College
of Art, London [1990]

Rebecca L. Fuller Beeler

*Assistant Professor of
Communication; Chair, Department
of Communication Arts*
B.A., Anderson University;
M.P.A., Indiana University
[2008]

Marian Osborne Berký

*Associate Professor of Religious
Studies;*

B.A., Wake Forest University;
M.Div., Southeastern Baptist
Theological Seminary; M.A.,
Ph.D., Vanderbilt University
[2005]

Aleza Davette Beverly

Dean, Intercultural Engagement

B.A., Anderson University;
M.A., Ed.D., Ball State
University [1989]

B. Samuel Blanchard

*Assistant Professor of
Computer Science*
B.S., M.S., Ball State
University [2001]

Donald Gordon Boggs

Professor of Communication Arts

B.A., M.A., University of
Akron; Ph.D., Kent State
University [1978]

Scott Bennett Borders

*Professor of English;
Chair, Department of English*
B.A., Anderson University;
M.A., Ph.D., Purdue
University [1985]

Shelda Borders

Assistant Professor of Psychology
B.A., Anderson University;
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Dean, College of the Arts

Campus Facilities

RESIDENTIAL FACILITIES

- **Dunn Hall:** Completed in 1954, renovated in 1999; houses 190 men.
- **Martin Hall:** Completed in 1958, renovated in 2008; houses 183 women.
- **Morrison Hall:** Completed in 1949, renovated in 2007; houses 183 women.
- **Myers Hall:** Completed in 1970; houses 112 men.
- **Rice Hall:** Completed in 1966; houses 234 women.
- **Smith Hall:** Completed in 1964, renovated in 2008; houses 205 men.
- **Fair Commons:** Apartment-style living for seniors and juniors.
- **South Campus:** Apartment-style living for seniors and juniors.
- **Tara East:** Apartment-style living for seniors and juniors.
- **York Seminary Village:** Apartment-style living for School of Theology students and their families.

ACADEMIC AND ADMINISTRATIVE FACILITIES

- **Broadcasting Center:** Houses Covenant Productions, WQME, production rooms, a TV studio, editing bays, offices, and class labs.
- **Decker Hall:** Completed in 1970, expanded in 1994; houses classrooms, faculty and administrative offices, Information Technology Services, the Mail Distribution Center, Café Olé, the Center for Educational Technology, the Department of Student Life, and several other offices and departments.
- **Welcome Center:** Completed in 1994 as an expansion of Decker Hall; houses the Office of Admissions, Student Financial Services, and the Registrar's Office.
- **Hardacre Hall:** Dedicated in 2001; houses Falls School of Business, the Department of Adult Studies, Police/Security Services, and Physical Plant.
- **Hartung Hall:** Opened in 1964, renovated and expanded in 1993; houses classrooms, laboratories, faculty offices, and a lecture hall.
- **Krannert Fine Arts Center:** Completed in 1979; houses the Department of Art and Design, the School of Music, the College of the Arts, the Wilson Art Galleries, classrooms, laboratories, practice and rehearsal rooms, recital venues, a MIDI lab, a recording studio, and faculty studios.
- **Robert A. Nicholson University Library:** Completed in 1989 as a merger of the Wilson (undergraduate) and Byrd (seminary) Libraries; houses the university's library collections, computer labs, group study rooms, the Kissinger Learning Center, the archives of Anderson University and the Church of God, and the Elizabeth and James York Reading Room and Special Collections.
- **School of Theology:** Completed in 1961, expanded in 1975; houses faculty and administrative offices, classrooms, a student lounge, the Adam W. Miller Chapel, and the Gustav Jeeninga Museum of Bible and Near Eastern Studies.
- **Anderson University Flagship Center:** Completed in 2007; houses offices and classrooms of the Department of Adult Studies and the Falls School of Business, the Professional Development Center, AU's residential MBA students, and Purdue College of Technology at Anderson. Located at I-69, exit 22.

RECREATIONAL FACILITIES

- **Athletic Complex:** Includes Macholtz Stadium, Brandon Field (baseball), softball field, and tennis courts.
- **Bennett Natatorium:** Completed in 1972, connected to Kardatzke Wellness Center in 2002; houses a six-lane collegiate-size swimming pool and men's and women's locker areas.
- **O. C. Lewis Gymnasium:** Completed in 1962, connected to Kardatzke Wellness Center in 2002, renovated in 2004; houses intercollegiate athletic facilities for men's and women's basketball and volleyball.
- **Kardatzke Wellness Center:** Completed and connected to O. C. Lewis Gymnasium and Bennett Natatorium in 2002; houses a large field house, weight room, fitness center, indoor tracks, athletic training facilities, classrooms, intercollegiate athletics offices, and the Department of Kinesiology. The Wellness Center also serves as the venue for commencement exercises.
- **Soccer Field:** Home of the Raven men's and women's soccer teams.
- **Olt Student Center:** Completed in 1963; houses the Marketplace, Raven's Haven, Mocha Joe's, the Corner Pocket, private dining rooms, the bookstore, student government offices, and the Office of Student Activities.

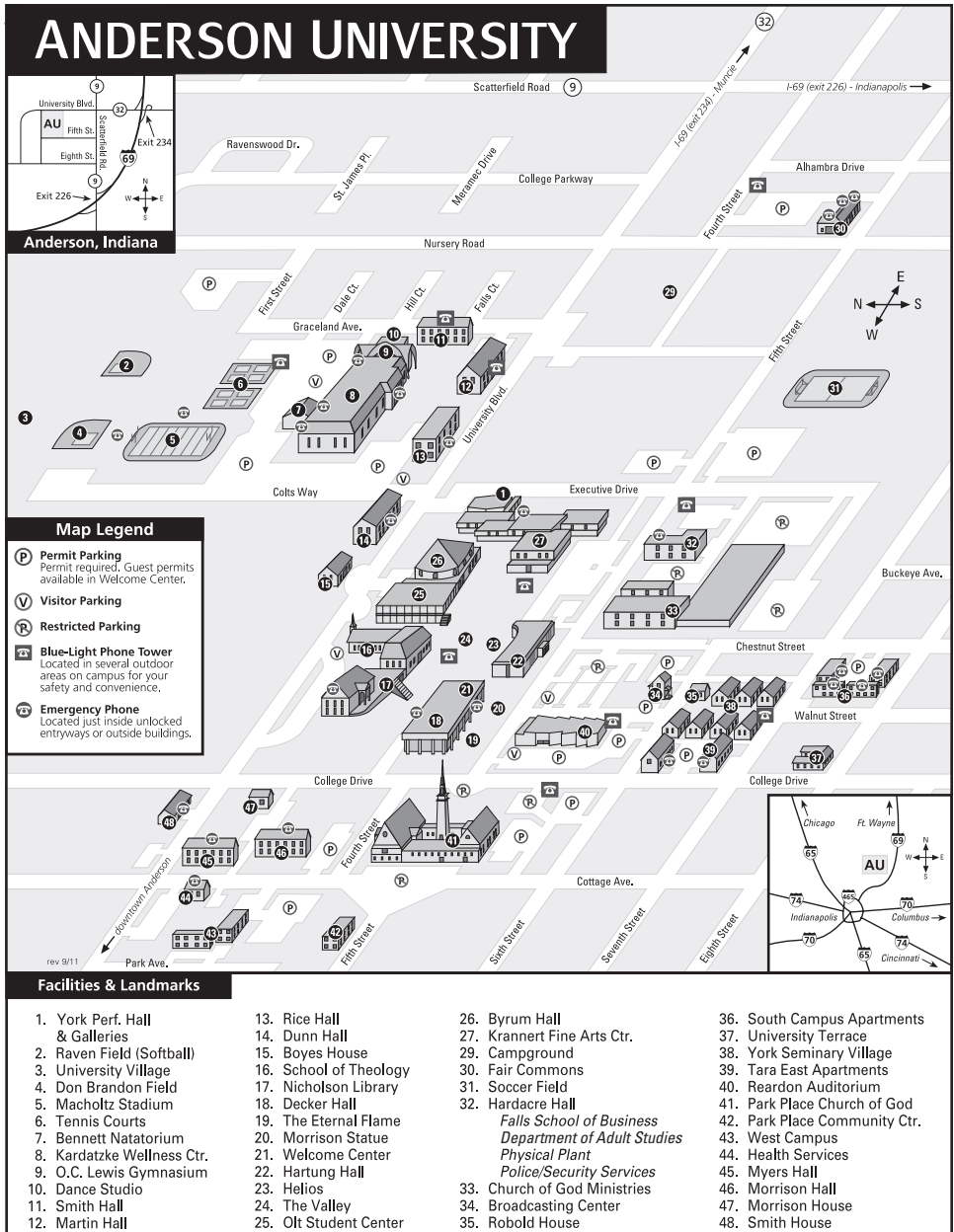
AUDITORIUMS/PERFORMANCE FACILITIES

- **Byrum Hall:** Completed in 1908, renovated in 1974; a campus landmark once used for basketball games and physical education classes; houses a 530-seat proscenium theatre.
- **Reardon Auditorium:** Completed in 1983; seats 2,200; used primarily for chapel/convocation, performance events, and conferences.
- **York Performance Hall and Galleries:** Completed in 2012, this performance venue is used for student, faculty, and guest artist recitals.

OTHER FACILITIES

- **Bolitho House:** Houses Student Health Services.
- **Boyes House:** Completed in 1968; home of the Anderson University president and his family.
- **Morrison House:** Houses the offices of spiritual life and counseling services.
- **Smith House:** Houses the offices of publications and web services.

Campus Map



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Notes

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Notes

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