

Undergraduate Catalog

2006-2008



ANDERSON UNIVERSITY

Academic and Christian Discovery

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Academic Calendar

2006-07

| | |
|----------------|--|
| Aug. 21-22 | Faculty Sessions |
| Aug. 25 | New Student Orientation |
| Aug. 28 | Semester I classes begin |
| Sept. 4 | Labor Day (holiday) |
| Oct. 7 | Homecoming |
| Oct. 13 | Mid-fall holiday |
| Nov. 22-26 | Thanksgiving vacation |
| Dec. 11 | Final exams begin |
| Dec. 14 | Semester I classes end |
| Dec. 26-Jan. 9 | International Opportunity |
| Jan. 8 | Faculty Sessions |
| Jan. 10 | Semester II classes begin |
| Feb. 14 | Assessment Day |
| March 10-18 | Spring vacation |
| April 6 | Good Friday (holiday) |
| April 9 | Student travel time, 8 a.m. to 4 p.m. (classes resume at 4 p.m.) |
| April 30 | Final exams begin |
| May 3 | Semester II classes end |
| May 5 | Baccalaureate/Commencement |
| May 7 | First summer term begins |
| May 28 | Memorial Day (holiday) |
| June 1 | First summer term ends |
| June 4 | Second summer term begins |
| June 29 | Second summer term ends |
| July 2 | Third summer term begins |
| July 4 | Independence Day (holiday) |
| July 27 | Third summer term ends |
| July 30 | Fourth summer term begins |
| Aug. 24 | Fourth summer term ends |

2007-08

| | |
|-----------------|--|
| Aug. 27-28 | Faculty Sessions |
| Aug. 31 | New Student Orientation |
| Sept. 3 | Labor Day (holiday) |
| Sept. 4 | Semester I classes begin |
| Oct. 13 | Homecoming |
| Oct. 19 | Mid-fall holiday |
| Nov. 21-25 | Thanksgiving vacation |
| Dec. 17 | Final exams begin |
| Dec. 20 | Semester I classes end |
| Dec. 26-Jan. 15 | International Opportunity |
| Jan. 14 | Faculty Sessions |
| Jan. 16 | Semester II classes begin |
| Feb. 13 | Assessment Day |
| March 8-16 | Spring vacation |
| March 21 | Good Friday (holiday) |
| March 24 | Student travel time, 8 a.m. to 4 p.m. (classes resume at 4 p.m.) |
| May 5 | Final exams begin |
| May 8 | Semester II classes end |
| May 10 | Baccalaureate/Commencement |
| May 12 | First summer term begins |
| May 26 | Memorial Day (holiday) |
| June 6 | First summer term ends |
| June 9 | Second summer term begins |
| July 3 | Second summer term ends |
| July 4 | Independence Day (holiday) |
| July 7 | Third summer term begins |
| Aug. 1 | Third summer term ends |
| Aug. 4 | Fourth summer term begins |
| Aug. 22 | Fourth summer term ends |

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 is a not-for-profit exempt organization as described in Section 501(c)(3) of the Internal Revenue Code. In compliance with the Civil Rights Act of 1964 and 1991, and Title IX of the Educational Amendments of 1972, the university does not discriminate on the basis of race, color, national origin, age, sex, or veteran status in its policies, practices, or procedures. In compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 as amended, the university does not discriminate on the basis of disability in its educational programs, admissions procedures, and employment practices. In compliance with the Personal Responsibility and Work Opportunity Reconciliation Act of 1996, the university reports to the State of Indiana required information on newly hired employees. The university maintains compliance with the Occupational Safety and Health Act of 1970, the Drug Free Schools and Communities Act of 1989, the Drug Free Workplace Act of 1988, the Family Educational Rights and Privacy Act, and the Health Insurance Protection and Portability Act.

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 which had originated 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 role 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 Education (M.Ed.), and Master of Music Education (M.M.E.) degrees, 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 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 persons 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 community.

THE MISSION

The mission of Anderson University is to educate persons 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.

We intend to graduate persons with a global perspective who are competent, caring, creative, generous persons of character and potential.

We will build those quality programs that will 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.

Since this commitment to quality Christian higher education makes Anderson University a distinctive educational institution, it is important to state clearly the perspectives which establish and inform its life.

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; neither 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.

This mission statement and supporting statements were adopted by the board of trustees in 1993.

ACCREDITATIONS AND RELATIONSHIPS

Anderson University is accredited by the Higher Learning Commission, North Central Association; Web 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 National League for Nursing, 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 Education, Independent Colleges of Indiana, Indiana Conference on Higher Education, 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 thinking, valuing, and action.

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 Christian liberal arts institution, Anderson University is committed to the goals and ideals of liberal education. 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.

Anderson University has structured its curriculum to develop students’ skills, insight, and appreciation in five general areas:

- **Problem-solving** — Examining problems and potential solutions through a conscious organized process.
- **Individuals and individual behavior** — Examining the means, values, and knowledge that will enable students to view people holistically.
- **Aesthetics** — Concerning the arts and humanities as an expression of a response to culture and one's experiences in the world.
- **Environment** — Examining the complexity of the natural and physical world of which students are a part.
- **Contemporary world** — General concerns of cultural, social, and political realms in national and international affairs.

These areas are reflected in the majors and liberal arts requirements. 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.

ACADEMIC ORGANIZATION

The academic programs of Anderson University are based in 17 academic departments, which in turn are grouped into two colleges and three schools:

- **College of the Arts** — Art and Design; Communication; Music
- **College of Science and Humanities** — Biology; Chemistry and Physics; Computer Science; English; History and Political Science; Mathematics; Modern Foreign Languages; Kinesiology; Psychology; Religious Studies; Sociology, Social Work, Criminal Justice, and Family Science
- **Falls School of Business**
- **School of Education**
- **School of Nursing**

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.

Degree Programs

The undergraduate division of Anderson University offers the Bachelor of Arts 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 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 course work 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 registrar's office for information.

BACHELOR'S DEGREE

- Complete 124 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 adviser, the registrar's office, 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 Nursing degree, the Bachelor of Music degree, or the Bachelor of Science in Organizational Leadership 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 that used in earning 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 adviser and approved by the 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 Bachelor of Arts degrees from Anderson University may not earn second Bachelor of Arts degrees, 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 registrar's office.

ASSOCIATE'S DEGREE

- Complete 62-70 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 adviser, the registrar's office, 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 registrar's office.

Liberal Arts Program

The liberal arts program includes five content areas consisting of one or more components defined in terms of specific goals and objectives.

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 liberal arts seminar (LART 1100) must be taken within the first 24 semester hours at Anderson University. Students must continue taking it every semester thereafter 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 for one academic year, beginning with the fall semester. This list of courses is updated and published annually 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. A copy of this document appears in the catalog for the first academic year, and in the master schedule of classes each year. Although few changes to the list are expected from year to year, students should compare the "Courses applied" document, published annually, with current lists of courses.

Following are the five content areas and courses approved for the Liberal Arts Program for the 2006-07 academic year. ***This list does not apply to the 2007-08 academic year.*** Courses approved for 2007-08 will be published on the Anderson University Web site once that list has been finalized.

The most current list of approved courses is available on-line at www.anderson.edu/registrar (click the “Schedule of Classes” link), and may also 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. Lower-division courses may not be applied to upper-division requirements.

For details on Honors Program (HNRS) courses that apply to Liberal Arts areas, see the Honors Program section in this catalog, listed under Courses of Instruction.

I. CHRISTIANITY AND BIBLICAL STUDIES

Courses in biblical study and in other areas of religion designed to assist students to develop a critically based knowledge of the Bible, Christian thought, and practice.

Requirement — 7 hours; 2 courses (one from A and one from B):

A. BIBLICAL LITERACY AND INTERPRETATION

| Caption | Number | Hours | Descriptive title |
|---------|--------|-------|---------------------------|
| BIBL | 2000 | 4 | Introduction to the Bible |

B. DEVELOPMENT OF CHRISTIAN FAITH (*one 3-hour upper-division course*)

| Caption | Number | Hours | Descriptive title |
|-----------|--------|-------|--|
| BIBL/RLGN | 3000 | 3 | The Bible, Christians, and Biblical Interpretation |
| BIBL | 3260 | 3 | New Testament Faith for Life |
| BIBL | 3320 | 3 | Hebrew Roots of Christian Faith |
| BIBL | 3410 | 3 | Images of Jesus Then and Now |
| PSYC | 3200 | 3 | Living the Christian Faith in a Post-Modern World |
| RLGN | 3100 | 3 | Christian Understandings of Human Experience |

II. HISTORY AND THE CONTEMPORARY WORLD

Courses designed to make students aware of human affairs in past and contemporary societies and to equip them to respond to issues and challenges of a global world.

Requirement — 12-20 hours to fulfill the following components:

A. HISTORY (*one 3-hour course*)

| Caption | Number | Hours | Descriptive title |
|---------|--------|-------|-------------------------------|
| HIST | 2000 | 3 | History of World Civilization |
| HIST | 2030 | 3 | Western Civilization I |
| HIST | 2040 | 3 | Western Civilization II |
| HIST | 2110 | 3 | American Civilization I |
| HIST | 2120 | 3 | American Civilization II |

B. SOCIETAL STRUCTURES *(one 3-hour course)*

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|--------------------------------|
| ECON | 2010 | 3 | Principles of Macroeconomics |
| FLAN | 2000 | 3 | Language and Society |
| POSC | 2100 | 3 | American National Government |
| SOCI | 2010 | 3 | Introduction to Sociology |
| SOCI | 2020 | 3 | Social Problems |
| SOCI | 2100 | 3 | Introduction to Family Science |

C. GLOBAL STUDIES *(one 3-4 hour upper-division course)*

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|---|
| BSNS | 3120 | 3 | Global Business |
| BSNS | 4120 | 3 | International Management |
| BSNS | 4250 | 3 | Global Marketing |
| COMM | 3110 | 3 | Intercultural Communication |
| EDUC | 3550 | 3 | Intercultural Education |
| ENGL | 3220 | 3 | Global Literature |
| FLAN | 3400 | 3 | The French and Spanish Speaking Caribbean |
| HIST | 3140 | 4 | History and Culture of Eastern Europe, 1792 to Present |
| HIST | 3260 | 3 | Women in the World, 1800 to Present |
| HIST | 3280 | 3 | The Age of Global Empires |
| HIST | 3330 | 4 | History of Modern China |
| HIST | 3370 | 3 | General History of Latin America |
| MUSC | 3220 | 3 | World Music |
| NURS | 4540 | 3 | Intercultural Health Care |
| POSC | 3300 | 4 | Introduction to International Politics |
| POSC | 3310 | 3 | War, Disputes, and Conflict Resolution in International Affairs |
| POSC | 3330 | 4 | American Foreign Policy |
| POSC | 3400 | 4 | Comparative Politics and Government |
| RLGN/HIST | 3320 | 3 | A World of Religions |

D. COMPLEMENTARY UPPER-DIVISION COURSE *(one 3-4 hour upper-division course)*

Any additional course from area **II. C: Global Studies** (the course cannot count for both requirements) or one of the following:

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|---|
| BIBL | 3310 | 3 | Archaeological History of the Ancient Near East |
| HIST | 3150 | 4 | Europe Since 1870 |
| HIST | 3451 | 4 | U.S. from the Gilded Age to 1945 |
| HIST | 3452 | 4 | U.S. from 1945 to the Present |

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|-------------------------------|
| MUSC | 3110 | 3 | History of Music I |
| MUSC | 3120 | 3 | History of Music II |
| SOCI | 3400 | 3 | Race and Ethnicity in America |
| SOCI | 3470 | 3 | Environmental Sociology |

E. FOREIGN LANGUAGES (*0-8 hours, equivalent completion of second semester elementary level*)

Students are required to achieve proficiency at the second semester elementary level of a foreign language, the 1020 class. Students who place into the 1020 level or beyond (based on scores from an entrance placement exam and high school grades) will have met the foreign language requirement after successful completion of the class. Those who place into the 2010 level have the option of further testing (listening comprehension, culture, and speaking) to meet the 1020 standard *or* of taking the 2010 intermediate class. Students who take 2010 and complete the course with a grade of C- or better will also receive credit for 1020. Students whose transcripts show that they completed all or most of their high school course work in a language other than English may complete this requirement by taking one course in American history (in addition to the history course required under area II. A.) and also completing the English writing sequence.

MODERN LANGUAGES

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|--------------------------|
| FREN | 1010 | 4 | Elementary French I |
| FREN | 1020 | 4 | Elementary French II |
| GERM | 1010 | 4 | Elementary German I |
| GERM | 1020 | 4 | Elementary German II |
| SPAN | 1010 | 4 | Elementary Spanish I |
| SPAN | 1020 | 4 | Elementary Spanish II |

ANCIENT LANGUAGES

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|--------------------------|
| BIBL | 2110 | 4 | Beginning Hebrew I |
| BIBL | 2120 | 4 | Beginning Hebrew II |
| BIBL | 2210 | 4 | Beginning Greek I |
| BIBL | 2220 | 4 | Beginning Greek II |

III. THE AESTHETIC

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.

Requirement — 3 hours from Option A or B:

OPTION A (one 3-hour integrative course incorporating at least two different aesthetic areas)

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|--|
| ARTH | 2000 | 3 | Great Themes in Art and Design |
| ARTH | 2100 | 3 | History of Art, Design, and Visual Culture in the Modern World |
| ENGL | 2350 | 3 | American Literature and American Painting |
| MUSC | 2200 | 3 | Arts as Experience |
| MUSC | 2210 | 3 | Music, the Arts, and Culture |

OPTION B (one 2-hour Appreciation course and one 1-hour Experiential course)

APPRECIATION

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|------------------------------------|
| ENGL | 2500 | 2 | Appreciation of the Writing Craft |
| MUED | 2110 | 2 | Music for the Elementary Classroom |
| MUSC | 2110 | 2 | Introduction to Music Literature |
| MUSC | 2220 | 2 | Music in Society |
| SPCH | 2500 | 2 | Appreciation of Drama |
| SPCH | 2550 | 2 | Speech Appreciation |

EXPERIENTIAL

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|--|
| DANC | 2150-2440 | 1 | Applied Dance Classes |
| ENGL | 2510 | 1 | Creative Writing Workshop |
| MUPF | 1010/1020 | 1 | Class Lessons in Voice |
| MUPF | 1030/1040 | 1 | Class Lessons in Piano |
| MUPF | 1070-1430 | 1 | Ensembles |
| MUPF | 1410/1420 | 1 | Class Lessons in Guitar |
| MUPF | 1700-1890 | 1-3 | Private Study in Voice, Piano, and Instruments |
| | 2700-2890 | | |
| | 3700-3890 | | |
| | 4700-4890 | | |
| SPCH | 2890 | 1 | Acting/Production Practicum |

IV. THE ENVIRONMENT: SCIENCE AND MATHEMATICS

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.

Requirement — 7-8 hours to fulfill the following components:

A. SCIENCE (*one 4-hour laboratory course*)

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|---------------------------------|
| BIOL | 1000 | 4 | Principles of Modern Biology |
| BIOL | 2070 | 4 | Humans and the Environment |
| BIOL | 2080 | 4 | Flora of Indiana |
| BIOL | 2140 | 4 | Nutrition in Health and Disease |
| BIOL | 2210 | 4 | Foundations of Modern Biology I |
| CHEM | 1000 | 4 | Introduction to Chemistry |
| CHEM | 2110 | 4 | General Chemistry I |
| PEHS | 3770 | 4 | Physiology of Exercise |
| PHYS | 1000 | 4 | Physical Science |
| PHYS | 1020 | 4 | Earth and Space Science |
| PHYS | 1140 | 4 | Musical Acoustics |
| PHYS | 1240 | 4 | Astronomy |
| PHYS | 2240 | 4 | General Physics I |
| PSYC | 3210 | 4 | Biopsychology |

B. MATHEMATICS (*one 3-4 hour course*)

All courses in this area require prior demonstration of basic mathematics proficiency as determined by a placement examination or the completion of MATH 1000.

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|--|
| CPSC | 1200 | 4 | Algorithms and Internet Programming |
| CPSC | 1400 | 4 | Computer Science I |
| MATH | 1100 | 4 | Elementary Mathematics – Numeration Systems |
| MATH | 1300 | 3 | Finite Mathematics |
| MATH | 1400 | 4 | Applied Calculus |
| MATH | 2010 | 4 | Calculus I |
| MATH | 2020 | 4 | Calculus II |
| PSYC/POSC | 2440 | 4 | Applied Statistics and Introduction to Research |

V. THE INDIVIDUAL

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.

Requirement — 11-20 hours to fulfill the following components:

A. LIBERAL ARTS SEMINAR (*one 2-hour course*)

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|--------------------------|
| LART | 1100 | 2 | Liberal Arts Seminar |

B. USE OF THE ENGLISH LANGUAGE

WRITING (*complete writing course sequence, 3-7 hours*)

Point of entry to be determined by a placement process. Grade of C- or better required for both courses.

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|----------------------------------|
| ENGL | 1100 | 4 | Rhetoric and Composition - Basic |
| or ENGL | 1110 | 3 | Rhetoric and Composition |
| ENGL | 1120 | 3 | Rhetoric and Research |

ORAL COMMUNICATION (*0-3 hours*) — Testing-out procedure available to those with prior practical experience and theoretical background.

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|--------------------------------------|
| SPCH | 1000 | 3 | Introduction to Speech Communication |

ADVANCED WRITING COMPETENCY/WRITING INTENSIVE (*two writing intensive courses beyond ENGL 1120 (prerequisite); at least one course must be upper-division*)

To be designated as writing intensive, a course should include three criteria:

- writing improvement facilitated through staged and sequenced writing assignments, rather than, for example, a single end-of-semester paper
- assignments provide multiple opportunities for drafting and revising, with regular opportunities for feedback
- at least 30 percent of the overall grade in the course is based on writing

This list is applicable to the 2006-07 academic year only. A course must be designated as meeting WI requirements *in the year it is taken* in order to fulfill this requirement.

| Caption | Number | Hours | Descriptive title |
|--------------------|---------------|--------------|--|
| ACCT | 4020 | 3 | Federal Income Tax |
| ARTH | 2500 | 3 | Theory and Criticism I |
| ARTS | 4950 | 2 | Senior Portfolio Theses |
| BIBL/RLGN | 3000 | 3 | The Bible, Christians, and Biblical Interpretation |
| BIOL | 3070 | 4 | Ecology |
| BIOL | 4050 | 4 | Genetics |
| BIOL/CHEM/ PHYS | 4910/4920 | 1/1 | Science Seminar (<i>both courses must be taken to fulfill WI requirements</i>) |
| BSNS | 4440 | 1 | Senior Marketing Seminar |
| BSNS | 4910 | 1 | Seminar in Ethics and Leadership |
| CHEM | 3100 | 4 | Analytical Chemistry |
| COMM | 2130 | 3 | Writing for the Mass Media |
| COMM | 3230 | 3 | Advanced Feature and Magazine Writing |
| CRIM/SOCI | 2510 | 4 | The Nature of Crime and Social Deviance |
| EDUC | 3120 | 3 | Educational Assessment for the Classroom Teacher |

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|---|
| EDUC/ENGL | 3590 | 3 | Experiencing Diversity Through Young Adult Literature |
| EDUC | 4110 | 2 | Trends and Issues in Education |
| ENGL | 2350 | 3 | American Literature and American Painting |
| ENGL | 2500 | 2 | Appreciation of the Writing Craft |
| ENGL | 3050 | 3 | History of the English Language |
| ENGL | 3110 | 3 | Creative Writing: Fiction |
| ENGL | 3120 | 3 | Creative Writing: Poetry |
| ENGL | 3160 | 3 | Professional Writing and Editing |
| ENGL | 3180 | 3 | Advanced Composition: Nonfiction |
| ENGL | 3190 | 3 | Advanced Composition: Argument |
| ENGL | 3500 | 4 | American Literature to 1865 |
| ENGL | 3550 | 4 | American Literature from 1865 to 1945 |
| ENGL | 3580 | 3 | American Authors of Color |
| ENGL | 4000 | 3 | Special Topics in Literature |
| ENGL | 4250 | 4 | Modern Drama |
| ENGL | 4550 | 4 | American Poetry |
| ENGL | 4700 | 3 | Methods of Teaching English |
| ENGL | 4920 | 3 | Seminar in Writing |
| FREN | 3240 | 3 | French Composition |
| HIST | 3260 | 3 | Women in the World, 1800 to the Present |
| HIST | 3440 | 4 | Civil War and Reconstruction |
| HIST | 3451 | 4 | U.S. History from the Gilded Age to 1945 |
| HIST | 3452 | 4 | U.S. History from 1945 to the Present |
| HIST | 3470 | 4 | The American West |
| HIST | 3500 | 4 | The Constitution and the American Nation |
| HIST | 4020 | 4 | Women and Men in America, 1800 to Present |
| MUSC | 3110 | 3 | History of Music I |
| MUSC | 3120 | 3 | History of Music II |
| NURS | 3390 | 2 | Nursing Research |
| NURS | 4540 | 3 | Intercultural Health Care |
| PEHS | 2250 | 3 | Motor Behavior |
| PEHS | 3300 | 3 | Therapeutic Rehabilitation |
| PEHS | 4300 | 3 | Program Development and Administrative Issues in Physical Education |
| PEHS | 4920 | 2 | Seminar in Exercise Science |
| PHYS | 4110/4120 | 1/1 | Advanced Physics Laboratory I/II (<i>both courses must be taken to fulfill WI requirements</i>) |
| POSC | 3300 | 4 | Introduction to International Politics |
| POSC | 3310 | 3 | War, Disputes, and Conflict Resolution in International Affairs |
| POSC | 3400 | 4 | Comparative Politics and Government |

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|---------------------------------|
| PSYC | 2010 | 1 | General Psychology Laboratory |
| PSYC/SOCI | 3010 | 3 | Social Psychology |
| SOCI | 3700 | 4 | Introduction to Social Research |
| SPAN | 3010 | 4 | Spanish Composition |
| SPCH | 2550 | 2 | Speech Appreciation |

C. FITNESS AND HEALTH (0-2 hours)

Testing-out procedure available to those with prior practical experience and theoretical background.

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|------------------------------|
| NURS | 1210 | 2 | Nutrition for Healthy Living |
| PEHS | 1000 | 2 | Fitness and Leisure for Life |

D. INDIVIDUAL THOUGHT AND BEHAVIOR (6-7 hours, 2 captions)

| Caption | Number | Hours | Descriptive title |
|----------------|---------------|--------------|--|
| ENGL | 1400 | 3 | Valuing Through Literature |
| HIST | 3190 | 4 | The Jewish Holocaust and its Historical Context |
| PHIL | 2000 | 3 | Practicing Philosophy |
| PHIL | 2120 | 3 | Ethics |
| PSYC | 2000 | 3 | General Psychology |
| RLGN | 2210 | 3 | Faith and Human Development |

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.

DECLARATION OF MAJOR AND MINOR

Students may file a declaration of major and minor or cognate with the registrar's office. 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 adviser 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 registrar's office 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, and nursing. 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
- Bible and Religion
- Biochemistry
- Biology
- Chemistry
- Christian Ministries
(In-Profession)
- Church Music
- Computer Science
- Computer Science - Math
- Criminal Justice
- Economics
- Education (Non-license)
- English
- Exercise Science
- Family Science
- Finance
- Fine Arts/Glass
- Fine Arts/Studio
- French
- General Studies
- History
- Information Systems
- Instrumental
Performance (BMus)
- Management
- Marketing
- Mass Communication
- Mathematics
- Math – Economics
- Music
- Music Business
- Nursing (BSN)
- Philosophy
- Physics
- Political Science
- Psychology
- Social Work
- Sociology
- Spanish
- Theatre Studies
- Visual Communication
Design
- Voice Performance (BMus)

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
- Christian Ministries (In-Life)
- Computer Science
- French
- General Studies in Art and Design
- International Education
- Psychology
- Spanish
- Writing

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
- French
- Language Arts
- Mathematics
- Music: K-12 (BMus)
- Physical Education: K-12
- Social Studies
- Spanish
- Theatre Arts
- Visual Arts: K-12
- Visual Arts: 6-12

COMPLEMENTARY TEACHING MAJOR

The departments of Biology and Chemistry and Physics, 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.

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
- Applied Music
- Athletic Coaching
- Bible
- Biology
- Broadcast Production
- Chemistry
- Christian Ministries
- Church Music
- Classics
- Computer Science
- Criminal Justice
- Dance Performance
- eBusiness
- Economics
- Education
- Electrical Engineering
Technology
- English
- Entrepreneurship
- Ethics
- Family Science
- Finance
- French
- Global Business
- History
- Information Systems
- Management
- Marketing
- Mathematics
- Music
- Music Business
- Music Performance
- Nonprofit Leadership
- Peace and Conflict
Transformation
- Philosophy
- Physical Education
- Physics
- Political Science
- Psychology
- Public Relations
- Religion
- Sociology
- Spanish
- Speech
- Statistics
- Theatre Studies
- Theory and Literature
of Music
- Writing

ASSOCIATE'S DEGREE

- Concentration: Criminal Justice (*for more information, see Department of Sociology, Social Work, Criminal Justice, and Family Science in this catalog*)

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.

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 will occur at the institutional level addressing the liberal arts curriculum and the departmental level evaluating the outcomes of the major. The data generated from these assessment activities will be analyzed and recommendations developed to improve the educational activities of the university. In order to accomplish these aims, students will be invited and expected to participate in assessment activities at both the institutional and departmental levels.

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 course work 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, organic 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 Profession 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 adviser 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, essentially 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-ENGINEERING

Although the university does not have any formal agreements or programs established with engineering schools, it does offer a two-year program of introductory-level courses that prepares the student to transfer to an accredited engineering school at an advanced level. Qualified students typically spend two years on the Anderson University campus taking mathematics, physics, chemistry, English, computer science, and elective courses that meet the requirements of the engineering school, and then transfer to that school to complete a degree in engineering, usually within two to three more years. Academic standards for transfer are very high, and students in the pre-engineering program are advised to consult with the coordinator of the program and with officials at the target engineering school as early as possible to ensure that they meet specific requirements for the program.

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 adviser 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 three hospitals in Indiana: Parkview Hospital in Fort Wayne, Clarian Health (Methodist Hospital) in Indianapolis, or Ball Memorial Hospital in Muncie. 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 two-year master's degree program in physical therapy. Interested students should contact the Department of Biology for more details and advising.

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 workshop designed to acclimate students to campus before the beginning of classes. During the fall semester, participants are limited to enrolling in a maximum of 12-13 hours. In addition, these students are required to enroll in LART 1000 (College Survival Skills), a two-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 persons 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

The Career Development Office 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. More information is available on the Web 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 persons 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 approximately 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)
- Alpha Lambda Delta and Phi Eta Sigma (freshmen)
- Alpha Mu Gamma (foreign languages)
- Alpha Psi Omega (dramatics; non-academic, national recognition)
- Alpha Sigma Lambda (non-traditional students)
- Delta Mu Delta (business)

- Delta Sigma Rho-Tau Kappa Alpha (forensic)
- 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)
- Psi Chi (psychology)
- Sigma Tau Delta (English)
- Sigma Theta Tau (nursing)

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.

INTERNATIONAL EDUCATION AND STUDY ABROAD

The International Education program offers comprehensive and varied opportunities to provide students a wealth of understanding of the contemporary world. It serves students considering careers in teaching, government, journalism, foreign service, business, communication, travel services, the ministry, or missions. Students may spend a summer, a semester, or a year in study abroad, generally at European centers or universities. An individualized program is developed for each student and involves planning experiences and transferring credit. Language seminars, cultural programs, and purposeful travel with serious study are maintained and directed by one or more faculty members. Students interested in study abroad should contact the director of International Education.

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 GRE. 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, the center provides special programmatic support to students needing assistance with writing skills, to students admitted through the ALPHA program, and for students with disabilities.

PEACE AND CONFLICT TRANSFORMATION PROGRAM

The Peace and Conflict Transformation Program (PACTP) has been established by the Mack and Irene Caldwell Peacemaking Fund. PACTP facilitates the exploration and analysis of the spiritual, moral, philosophical, and political issues inherent in conflict and efforts for peacemaking. The program promotes peacemaking and teaches mechanisms for conflict transformation. PACTP sponsors an academic minor, including PACT-captioned courses, chapel-convocations, forums, conference attendance, research, and a club, the Student Peace Initiative (SPI). PACTP participation is open to all students. Contact the PACTP director for more information about program opportunities.

PURDUE STATEWIDE TECHNOLOGY PROGRAM

Anderson University cooperates with Purdue University in offering two associate's degree programs in technology. The Electrical Engineering Technology program is a combination of courses in electricity, electronics, mathematics, science, and general education that leads to the Associate of Applied Science degree. The program is designed to prepare students for employment as technicians in research laboratories, electronic industries, or any industry that uses electrical power or electronic controls. The Computer Programming Technology program combines courses in applied computer technology, mathematics, business, and communication, and leads to an Associate of Applied Science degree. The program prepares students for careers in business data processing.

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. 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 School of Adult Learning 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, on-line, 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 advisers to determine relationships of such courses to graduation or other requirements. Students planning course work 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 confrontation with life and living through international and intercultural learning and serving opportunities. Nearly 450 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 nationals. Programs are offered primarily in the summer or during the international opportunity between first and second semesters in late December and early January.

School of Adult Learning

The School of Adult Learning was established in the fall of 1987 to provide a wide variety of credit, professional development, and personal enrichment programs for adult students. In developing this unique educational thrust, the university, as an educational provider in the Anderson community, acted on its commitment to provide convenient and affordable collegiate-based educational experiences for area lifelong learners. A broad range of academic, business, and student services is offered to adult students during day and evening hours through the School of Adult Learning at Anderson University.

The School of Adult Learning seeks to maintain the following goals in serving adult students (persons at 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.
- Providing an operating unit that can respond quickly to new opportunities, creative programs, and community needs.

SCHOOL OF ADULT LEARNING MISSION STATEMENT

The School of Adult Learning is a unique component of Anderson University with a commitment to lifelong learning for individuals of all ages. Recognizing its distinct role in the mission of Anderson University, the School of Adult Learning enhances the relationship between the university and the surrounding community by offering quality academic and social programs for personal enrichment and professional development. The mission is accomplished through:

- Promoting student learning and development through a supportive and encouraging environment created for the unique needs of the adult learner. This office maintains the highest quality of academic and social programming through a commitment to customer service, as measured by student involvement, satisfaction, and retention.
- Providing non-credit professional and personal development courses to meet the needs of organizations and individuals in the community. Face-to-face and ed2go online courses promote personal growth and encourage individuals to experience the joy of lifelong learning.

PERSONAL ENRICHMENT PROGRAMS

Continuing education enrichment courses, workshops, seminars, conferences, and online offerings are an integral part of the School of Adult Learning. These non-credit experiences are designed to provide area residents and alumni with lifelong opportunities for personal growth, skill enhancement, and professional development.

SPECIAL CONTRACTS

The School of Adult Learning contracts with local corporations, non-profit organizations, educational agencies, and other professional associations to provide professional education and training specifically designed to meet the needs of employees in their organizations.

Degree Programs

All degree programs offered by the university are available for adult students to pursue. Evening programs offered by the School of Adult Learning include an Associate of Arts degree in general studies and a Bachelor of Science degree in organizational leadership, through the ADVANCE Program.

ASSOCIATE OF ARTS IN GENERAL STUDIES

This degree is designed for adult students desiring a broader experience in liberal arts without choosing an area of specialization. It 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.

Adult students desiring to complete the requirements for an Associate of Arts degree in general studies should contact the dean of the School of Adult Learning.

ASSOCIATE OF ARTS IN BUSINESS

An Associate of Arts degree in business is available to adult students. Contact the School of Adult Learning for a list of requirements.

BACHELOR OF SCIENCE IN ORGANIZATIONAL LEADERSHIP

This degree has a broad-based business curriculum designed to help those individuals who are managers within their organizations or those who aspire to be in leadership positions. Coursework is non-traditional and cohort-based. Classes are small and designed to promote collaborative learning among adult students. Students pursuing the degree in organizational leadership can earn up to 30 hours of credit through a combination of non-collegiate instruction, testing, and experiential learning. Such credits include military training, CLEP exams, and portfolio documentation.

ORGANIZATIONAL LEADERSHIP MAJOR (43 hours)

- ORGL 3000, 3100, 3200, 3300, 3400, 3500, 4000, 4100, 4200, 4300, 4400, 4900, 4990
- RLGN 2220 (*see Department of Religious Studies in this catalog*)

CERTIFIED MANAGER CERTIFICATE

The Certified Manager Certificate provides the knowledge and analytical and decision-making skills required to carry out daily tasks with professionalism and competency. Upon completion of coursework, all participants receive a certificate of achievement. Graduates of the program will also be prepared to pass the exam to become certified managers through the Institute of Certified Managers.

CERTIFIED MANAGER CERTIFICATE (15 hours)

- ORGL 1200, 1300, 1400, 2400
- ORGL 2200 or 2300

ORGL COURSES

- 1200 Management Foundations** **3 hrs.**
This course is a study of management as it pertains to the dynamics of leadership, strategic planning, and the controlling of resources.
- 1300 Management Strategies** **3 hrs.**
The major theme of this course is a comprehensive overview of two of the core functions of management — planning and organizing — and the skills to carry them out.
- 1400 Management Skills** **3 hrs.**
This course is a comprehensive overview of two of the core functions of management: leading and controlling.
- 2200 Issues in Human Resource Management** **3 hrs.**
This course will focus upon the primary functions of human resource management — increasing the effectiveness and contributions of employees in the attainment of organizational goals and objectives. Such topics as strategic planning, organizational goals, job descriptions and evaluations, human resources selection techniques, and labor/employee relations will be considered.
- 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 the 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.
- 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 within organizations.
- 3100 Intro to Research and Analysis Using Statistics** **3 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 and Leadership** **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 readings and class practice, with an analysis of the effect on productivity.
- 3300 Accounting and Finance for Managers** **3 hrs.**
This course presents an overview of financial tools available to the manager in decision-making. It includes a study of income statements, balance sheets, cash flow budg-

ets, changes in financial position, and ratio analysis. Emphasis is on reading and understanding accounting and financial documents rather than on their preparation.

- 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.
- 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 Communication Within 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 and Organizational Ethics** **3 hrs.**
Several major ethical theories are reviewed in this course. Students examine personal values through readings and workplace analysis to formulate management accountability, human rights, and a responsible lifestyle in the contemporary world.
- 4650 Independent Study** **1-3 hrs.**
Opportunities for individualized study, as agreed upon by the student and faculty member, are provided through independent study.
- 4900 Leadership Seminar** **3 hrs.**
This course focuses on the hard science of leadership as well as on 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.
- 4990 Action Research Project** **4 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 topic, collecting data, and measuring results. Each student gives an oral report of project findings.

Academic Policies

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 advisers.

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.

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 registrar's office 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.

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.

Schedule and Registration Policies

ACADEMIC ADVISING

The primary purpose of academic advising is to assist students in their pursuit of meaningful educational programs which will assist 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 adviser/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.

Trained faculty mentors serve as advisers after students matriculate and until they declare a major, after which the chair or a professor in the department in which students plan to do their major work will be their adviser.

Advisers 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 advisers concerning the best procedures and sequences in registration.

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

ACADEMIC LOAD

A full-time academic load is 12-17 hours. Upon approval from their academic advisers, students with records of above average academic performance may register 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 cumulative GPA or the GPA as determined at the end of the previous semester.

- Students with 3.25 GPA may register for 18 hours.
- Students with 3.50 GPA may register for 19 hours.
- Students with 3.75 GPA may register for 20 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 D+ 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) grade counts as an attempt.
- 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 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 course work 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 university registrar's office 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 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 registrar's office concerning policy on acceptance of credit from non-traditional institutions and institutions not holding regional accreditation. Up to 12 hours for correspondence courses from traditional institutions holding regional accreditation may be accepted.

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 \$150 transfer evaluation fee.

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.

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 course work to Anderson University. Courses need to be taken at accredited colleges or universities on the semester system, not at technical or vocational schools.

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 course work toward general education 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 are 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.

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 registrar's office by April 1 of their graduation year.

ADVANCED PLACEMENT/CLEP

Advanced placement and/or credit may be earned through placement examination. The two examinations Anderson University recognizes are the Advanced Placement Program of the College Board and the College Level Examination Program (CLEP), subject to approval by the department.

Credit received by examination is tuition-free and applies toward the requirements for graduation. A maximum of 30 credits may be accumulated.

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 advisers 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 advisers. Students are required to present the registrar's office with change-of-schedule forms noting the changes and their advisers' 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 registrar's office.

APPEALS COMMITTEE

The 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 also request an alternate way of satisfying that requirement.

A request form may be obtained from the registrar's office. This process should not be viewed as a means of circumventing liberal arts program requirements nor as a means of generating college credit hours based on experiences or study occurring outside the college course framework.

TRANSCRIPTS

Students wanting transcripts of their university work must present written requests to the 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.

Scholastic Policies

ACADEMIC STANDING

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

| <u>HOURS EARNED</u> | <u>GPA</u> |
|---------------------|------------|
| 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 vice president for academic affairs 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 vice president for academic affairs 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:** Persons enrolled for audit only.
- **Special Music:** 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 course work 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 registrar's office 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 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.
- 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 | • B- = 2.67 | • C- = 1.67 |
| • A- = 3.67 | • C+ = 2.33 | • D+ = 1.33 |
| • B+ = 3.33 | • C = 2.00 | • D = 1.00 |
| • B = 3.00 | | |

No credit points are given for courses bearing grades of CR, NC, S, U, F, I, W, or WF. 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.

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 advisers, 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, 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 1020 | 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 |

Graduation Policies

GRADUATION PROCEDURES

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

- May 1 for December graduates
- Sept. 15 for May graduates
- Oct. 1 for August graduates

Students normally will meet the requirements of their matriculation catalog. Students wishing to use their graduation catalog in effect at the time of graduation to meet degree requirements must request an official change of catalog. 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 registrar's office by April 1 of the graduation year.

Petitions to graduate in absentia must be filed with the university registrar at least 60 days before the commencement exercises.

GRADUATION HONORS

Students earning cumulative GPAs of 3.70 or above will be graduated 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.

Admissions Information

ADMISSIONS PROCESS

- Contact the director of admissions to request an application packet, by e-mail at info@anderson.edu, or by phone at (800) 428-6414. All application materials are available on the Web at www.anderson.edu. Forms may be completed on our Web site or downloaded and printed for completion offline.
- Return the completed application to the Office of Admissions with the required fee.
- The undergraduate application packet includes a high school information form which is to be completed by the applicant's high school guidance counselor and returned to Anderson University.
- The application packet includes one postage-paid reference form. Because the university is concerned with students' spiritual development, we ask that this reference come from a pastor, youth leader, Sunday school teacher, or someone else who can speak of the applicant's spiritual development. No action will be taken until this reference form is returned to Anderson University.
- The application for a room reservation is included as part of an 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. 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 readmission forms, which can be obtained from the Office of Admissions.

- An absence of one semester requires only that students submit the readmission form along with any transcripts of college work taken since the last date of registration at Anderson University.
- If students have been absent for two or more semesters, one reference must be submitted before readmission will be considered.

All students applying for readmission must be approved by the vice president for Academic Affairs, the dean of students, and Student Financial Services 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 I-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. A 12-month period is suggested for file completion.

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
Anderson, IN 46012-3495
U.S.A.
E-mail: international@anderson.edu

STUDENTS WITH DISABILITIES

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

Evaluations for all students must be completed by an appropriately trained professional within the preceding three years. Testing for students with specific learning disabilities must outline the nature of the difficulties and describe those factors that entitle the student to learning support services. The assessment must cover broad cognitive functioning, specific cognitive processing, and achievement levels. The institution must be given reasonable opportunity to evaluate the request. Course modifications are considered based on individual need. 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 Rinda S. Vogelgesang, director of special education services, Kissinger Learning Center, Anderson University, Anderson, IN 46012, (765) 641-4226.

LEARNING DISABILITIES PROGRAM

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 educa-

tional environment that provides the necessary accommodations to facilitate success while helping students develop skills that lead to future independence. 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, coordinator of learning disabilities services, Kissinger Learning Center, Anderson University, Anderson, IN 46012, (765) 641-4223.

Services may include, but are not limited to:

- individual admission standards
- tutoring
- study skills instruction
- time management guidance
- testing accommodations
- advocacy/liaison
- academic counseling
- scheduling assistance

Student Life Policies

HOUSING

Single, full-time students classified as freshmen, sophomores, or juniors not living with parents or guardians, and not 22 years of age by May 31 of the academic year, are required to live in housing on campus. Seniors and part-time students may live off campus, but Anderson University reserves the right to require any student, regardless of class standing or number of hours enrolled, to live in university housing.

Each year, the Department of Student Life requires students who live with parents or guardians to submit information from their parents or guardians that certifies the student's residence at home. Students who live off campus must submit information that provides their address of residence, telephone number, local mailing address, and the names of other persons living at the same address.

Failure to abide by the Anderson University housing policy could result in disciplinary action. Questions about housing should be directed to the housing coordinator in the Department of Student Life.

CAMPUS STANDARDS

Anderson University is a church-related institution sponsored by the Church of God. Its mission, programs, and campus life are all informed by three basic traditions: biblical, church, and liberal arts.

Campus standards have grown out of the following qualities of campus life valued at Anderson University:

- love of God, self, and neighbor
- respect for people
- honesty and integrity
- reconciliation
- freedom within restraint
- health and wellness
- spiritual growth and maturity
- the joy and pleasure of life

Students attending the university agree to conduct themselves as responsible citizens and actively contribute to the quality of social, spiritual, and intellectual life. University policies are set forth in the *Student Handbook* and other university documents; students are expected to familiarize themselves with these policies and abide by them. Violation of university policies subjects students to disciplinary action which could include warning, probation, or dismissal from the university.

Financial Information

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, business, industry, foundations, and private donors contribute substantially to underwrite the education cost of each student attending Anderson University.

The following charges are for the 2006-07 academic year. Costs for the 2007-08 academic year will be announced when finalized.

The 2006-07 basic budget per semester is:

| | |
|-------------------|------------------|
| Tuition | \$ 9,995 |
| Room | 1,970 |
| Food Service Plan | 1,260 |
| Total | \$ 13,225 |

This budget provides admission as a full-time student enrolled for 12-17 hours. Students are also responsible for field trip costs. Room rent is based on two persons 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 (grill and snack bar), and Café Olé (snack bar). Menu selection and hours of service vary to accommodate students’ needs and schedules.

Besides these basic costs, students should budget \$1,300-1,500 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 | \$20 |
| Tuition — Semester I and II <i>(per semester hour)</i> | |
| Less than 12 hours | 833 |
| 18 or more hours, as eligible | 417 |
| Tuition — Summer School <i>(per semester hour)</i> | 290 |
| Supervised student-teaching fee | 280 |

| | |
|---|---------|
| Pre-clinical experience fee | 55 |
| Private music lessons (<i>in addition to regular tuition</i>) | |
| One half-hour lesson per week | 250 |
| One hour-long lesson per week | 380 |
| Accompanist fee | 55-80 |
| Recital fee | 100-125 |
| Class voice fee | 110 |
| Studio art materials fees | 25-150 |
| Physical Education fees (<i>in addition to regular tuition</i>) | |
| Bowling | 50 |
| Scuba | 95 |
| Individual sports class | 50 |
| Auditing fee (<i>per semester hour</i>) | 70 |
| Examination fee for institutional exam (<i>per semester hour</i>) | 150 |
| Late registration (<i>after designated days</i>) | 100 |
| Change in registration (<i>after first week</i>) | 30 |

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.

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 *Guide to Financial Aid*, available from the Office of Student Financial Services or on the Web at www.anderson.edu/finaid.

VETERANS BENEFITS

Anderson University complies with regulations of the State of Indiana Commission for Postsecondary Proprietary Education, 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 Indianapolis or in the veteran's home area. Persons planning to study under one of the education chapters should receive approval before enrolling. More information is available online at www.anderson.edu/registrar/veteransbenefits.html.

Courses of Instruction

Course Listings

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.).

PERMISSION: Indicates whether students must obtain permission to take this course. If no designation is listed, no special permission 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.

PREREQUISITE OR COREQUISITE: Indicates required class standing, required major, or course(s) which must be completed prior to or 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).

*** *# 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.

Art and Design

Prof. Bayliss, co-chair; Prof. Rudynski, co-chair; Prof. Dugan, Prof. Freer, Prof. Knapp, Prof. McKinney, Prof. Ryden; Instructors: Andersen, Lipan, Schaf, Stone-Wasson, Trentaz

The Department of Art and Design provides students with the foundations for general or professional activities and/or continuing graduate studies in studio art, graphic design, and art education. Students accomplish this through scholarly research, intensive studio practice, professional work experience, and by observing and working closely with the faculty of artists and designers.

Ultimately, students graduate with appreciation for and a broad understanding of the visual arts which prepares them for roles of leadership and stewardship within their respective disciplines.

FOUNDATIONS SEQUENCE (CORE)

All department majors follow a common sequence of foundation courses beginning the first semester of the freshman year:

- **Semester I:** ARTS 2010, 2011; ARTH 2041
- **Semester II:** ARTS 2042, 2060; ARTH 2100

All departmental 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 foundations sequence, usually at the conclusion of the freshman year, all majors are required to submit work for a foundations portfolio review. The review is a degree requirement for all majors. Students passing the review may proceed with course work. Students who do not meet the standards of this proficiency examination may be placed on probation or refused acceptance into the major's programs.

Students at the advanced level, typically late in the junior year, are required to pass advanced reviews to enroll in ARTS 4950. This review is also a requirement for graduation. All majors must participate in a senior exhibition and in public theses readings which are corollary to ARTS 4950.

MAJORS

VISUAL ARTS EDUCATION MAJOR — Grades K-12 (54-55 hours)

- ARTS 2010, 2011, 2030, 2040, 2042, 2060, 2070, 2880, 3500, 4580, 4950
- ARTH 2041, 2100, 2500, 2850, 3010, 3020
- 7 hours from ARTS 2080, 3040, 3100, 3110, 3120, 3330

Completion of the Visual Arts Education major does not satisfy teacher certification requirements for the state of Indiana. (*See School of Education section in this catalog.*)

VISUAL ARTS EDUCATION MAJOR — Grades 6-12 (42 hours)

- ARTS 2010, 2011, 2030, 2040, 2042, 2070, 4580, 4950
- ARTH 2041, 2100, 2500, 3010, 3020

- 4 hours from ARTS 3040, 3080, 3100, 3110, 3120, 3330

Completion of the Visual Arts Education major does not satisfy teacher certification requirements for the state of Indiana. (*See School of Education section in this catalog.*)

FINE ARTS/STUDIO MAJOR (51 hours)

- ARTS 2010, 2011, 2042, 2060, 3940, 4950
- ARTH 2041, 2100, 2500, 3010, 3020
- 12 hours from ARTS 2030, 2040, 2070, 2080, 3330
- 6 hours from ARTS 3040, 3100, 3120, 3340, 3510

FINE ARTS/GLASS MAJOR (52 hours)

- ARTS 2010, 2011, 2042, 2060, 2080, 3510, 3940, 4950
- ARTH 2041, 2100, 2500, 3010, 3020, 4810, 4900
- 6 hours from ARTS 2030, 2040, 2070, 3040, 3100, 3330

VISUAL COMMUNICATION DESIGN MAJOR (54 hours)

- ARTS 2010, 2011, 2042, 2060, 3110, 3114, 3310, 3420, 4114, 4310, 4420, 4950
- ARTH 2041, 2100, 2500, 3010, 3020, 4800

GENERAL STUDIES IN ART AND DESIGN COMPLEMENTARY MAJOR (30 hours)

- ARTS 2010, 2011, 2042, 2060
- ARTH 2041, 2100
- one course from ARTH 2500, 3010, 3020
- 9 hours (including at least one 3000-level course) from ARTS 2030, 2040, 2070, 2080, 2092, 3040, 3100, 3110, 3114, 3120, 3310, 3330, 3340, 3420, 3510
- 1 hour from ARTS 3860

The General Studies in Art and Design major is available only as a complementary major, and only when the student's primary major is outside the Department of Art and Design. Students pursuing this major must pass a sophomore review.

ARTS COURSES

STUDIO (ARTS)

- 1110 Studio Experience in Drawing** **1 hr. (2, 1)**
 Increases visual awareness and ability to express what students see through drawing; explores variety of subject matter and media. Does not apply toward major. Does not meet liberal arts requirement.
- 1120 Studio Experience in Painting** **1 hr. (2, 1)**
 Increases visual awareness and ability to interpret what students see and acquaints them with painting media and processes. Does not apply toward major. Does not meet liberal arts requirement.

- 1130 Studio Experience in Sculpture** **1 hr. (2, 1)**
Studio experiences in three-dimensional form. Variety of tools, materials, and sculptural media explored. Does not apply toward major. Does not meet liberal arts requirement.
- 1140 Studio Experience in Ceramics** **1 hr. (2, 1)**
Introduction to hand-building and wheel-throwing methods with clay. Includes study in firing and glazing. Does not apply toward major. Does not meet liberal arts requirement.
- 1150 Studio Experience in Fibers** **1 hr. (2, 1)**
Exploration of the nature and use of fibers. Emphasis on design and production of objects through weaving and other processes. Does not apply toward major. Does not meet liberal arts requirement.
- 1160 Studio Experience in Glass** **1 hr. (2, 1)**
Introduces students to hot glass as a medium for creating art and design objects. Includes basic hot glass forming processes with emphasis on teamwork, inquiry, and discovery. Does not apply toward major. Does not meet liberal arts requirement.
- 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.
- 2030 Introduction to Sculpture** **3 hrs. (6, 3)**
A study of three-dimensional form through an introduction to concepts, vocabulary, materials and processes basic to sculpture. Emphasis on developing formal concepts. May include introduction to such concerns as head or figure modeling, mold making, metal casting, welding, stone or wood carving, etc. **EXPECTATION:** Passed foundations review, or instructor's written permission. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2041, 2100.
- 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 permission. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2041, 2100.
- 2042 Three-Dimensional Design** **3 hrs. (6, 3)**
A series of directed studio problems, using a variety of media, tools, and simple processes concerned with three-dimensional form. Projects 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 which 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.

- 2070 Introduction to Ceramics** **3 hrs. (6, 3)**
 Self expressive uses of clay; wheel-throwing, hand-building techniques, drying, decoration, glazing, firing. **EXPECTATION:** Passed foundations review, or instructor's written permission. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2041, 2100.
- 2080 Introduction to Glass** **3 hrs. (6, 3)**
 A beginning to intermediate fine arts studio course designed to introduce students to or advance students in basic concepts, materials, processes, and technology for creating art objects in hot and cold glass. **EXPECTATION:** Passed foundations review, or instructor's written permission. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2041, 2100.
- 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 dark-room techniques along with digital approaches to image production are explored. **EXPECTATION:** Passed foundations review. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2041, 2100.
- 3040 Intermediate Sculpture** **3 hrs. (6, 3)**
 Continuation of exploration into three-dimensional form through additional constructional processes and materials. Emphasis on developing individual expression of ideas. **PREREQUISITE:** ARTS 2030. **REPEAT:** May be repeated one time for credit.
- 3100 Intermediate Ceramics** **3 hrs. (6, 3)**
 Continuation of an exploration in expressive uses of clay; introductions to additional materials and processes. Emphasis on individual development. **PREREQUISITE:** ARTS 2070. **REPEAT:** May be repeated one time for credit.
- 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 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 a personal 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 2041, 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 2041, 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 relief printmaking techniques, including intaglio, woodblock, and collagraph.
EXPECTATION: Passed foundations review. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2041, 2100.
- 3340 Intermediate Printmaking** **3 hrs. (6, 3)**
Continued exploration of printmaking techniques, including lithography, serigraphy, and monotype. **PREREQUISITE:** ARTS 3330. **REPEAT:** May be repeated one time for credit.
- 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.
- 3510 Intermediate Glass** **3 hrs. (6, 3)**
An intermediate to advanced level fine arts studio course designed to continue students' exploration and skill development with basic concepts, materials, processes and technology for creating art objects in hot and cold glass. **PREREQUISITE:** ARTS 2080. **REPEAT:** May be repeated one time for credit.
- 3860 General Studies in Art & Design Practicum** **1-2 hrs. (arranged)**
Students are placed in design or fine art studios to experience in-studio methods, 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. **PREREQUISITE:** One 3000-level ARTS course. **PERMISSION:** Instructor.
- 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. **PERMISSION:** Faculty panel. **REPEAT:** May be repeated.
- 4050 Advanced Sculpture** **3 hrs. (6, 3)**
Advanced study in a specific area of three-dimensional media. Emphasis is placed on developing a focused and personal approach to concept, media, and presentation. **PREREQUISITE:** ARTS 3040. **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.

- 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 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. **PERMISSION:** Instructor. **REPEAT:** May be repeated. Does not substitute for ARTS 4940.
- 4660 Special Projects in Art (Three-Dimensional)** **1-4 hrs. (arranged)**
 Exploration of specific problems in student's areas of concentration, carried out independently with instructor. **EXPECTATION:** Appropriate introductory and intermediate level experience. **PERMISSION:** Instructor. **REPEAT:** May be repeated. Does not substitute for ARTS 4940.
- 4930 Senior Thesis Preparation** **1 hr. (1, 0)**
 Development of senior thesis utilizing Inquiry Based Research approach. Exhibition planning. **EXPECTATION:** Passed foundations and advanced reviews. **PERMISSION:** Faculty panel. **REPEAT:** May be repeated.
- 4940 Advanced Projects Seminar** **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 relating to the development and continuity of studio portfolios. **EXPECTATION:** Passed foundations review, completion of both first and second levels in the studio area for which projects are proposed. **PERMISSION:** Faculty panel. **REPEAT:** May be repeated.
- 4950 Senior Thesis Portfolio** **4 hrs. (4, 2)**
 Students prepare portfolios, written theses, 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. **PERMISSION:** Faculty panel.

EDUCATION (ARTS)

- 3080 Crafts** **3 hrs. (6, 3)**
 Introduction to the basic skills for stained glass, enameling, paper making, and book binding. Includes a historical survey of these media. **EXPECTATION:** Passed foundations review, or instructor's written permission. **PREREQUISITE:** ARTS 2010, 2011, 2042, 2060; ARTH 2041, 2100.
- 3500 Art in the Elementary School** **2 hrs. (4, 2)**
 Explores the means of developing creative potential in elementary students through a concentrated study of two- and three-dimensional art media and processes appropriate to developmental stages.
- 4580 Contemporary Art Education** **2 hrs. (2, 0)**
 Survey of art in public education, with emphasis on selection and organization of art curriculum and materials. **PERMISSION:** Instructor. **PREREQUISITE:** Visual arts education major.
- 4700 Methods of Teaching Art in the Public School** **2 hrs. (2, 0)**
 Clarifies the role of art teachers in the public school system. Gives practical knowledge about art and teaching that leads to success in the classroom. Does not count toward visual arts education (K-12 or 6-12) majors. Typically taken during the student-teaching semester. **PERMISSION:** Instructor. **PREREQUISITE:** Visual arts education major.

ARTH COURSES (HISTORY)

- 2000 Great Themes in Art & 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. Student must enroll in a lecture and a studio section.
- 2041 Color Theory and Application** 2 hrs. (2, 0)
Assignments in a variety of media designed to guide students in a systematic analysis of color. Topics include introduction to various color models and their scientific basis, the physical and chemical factors of pigments, constructs of the eye in relation to color perception, and the psychology of color. Course work emphasizes the application of principles to the production of images and objects. **REPEAT:** May be repeated one time for credit.
- 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.
- 2500 Theory and Criticism I** 3 hrs. (3, 0)
Historical introduction to the literature of art and design theory and criticism. Emphasis on contemporary theories, study of exemplars in studio practice, and significant written research component. Completion of a writing portfolio. **PREREQUISITE:** ARTH 2100.
- 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. **PERMISSION:** 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.
- 3500 Theory and Criticism II** 3 hrs. (3, 0)
Continued studies in the literature of art and design theory and criticism following the introduction in ARTH 2500. Emphasis on social and reader response theories. Completion of a writing portfolio. **PREREQUISITE:** ARTH 2500.
- 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. **PERMISSION:** Instructor. **PREREQUISITE:** ARTS 4310.
- 4810 Professional Semester Internship: Glass** 4 hrs. (4, 0)
An employer/student/instructor based art glass production course in a professional art glass industry or studio setting. Emphasis placed on studio's production techniques and expectations. **PERMISSION:** Instructor. **PREREQUISITE:** ARTS 2080, 3510.
- 4900 Glass History Seminar** 3 hrs. (3, 0)
Survey of the history of glass. Employs lecture, discussion, and historical/critical research methods. **PREREQUISITE:** ARTH 2100.

Biology

Dr. Janutolo, chair; Prof. Bailey, Dr. Ippolito, Dr. Lyle-Ippolito (allied health adviser); Dr. Pearson and Prof. Replogle (Ball Memorial Hospital); Dr. An and Prof. Oliver (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 stop by the departmental office located in Hartung Hall 206.

The ecology/environmental concentration is greatly enhanced through Anderson University's participation in a program offered by Au Sable Institute of Environmental Studies. The institute has five field stations worldwide: northern Michigan, Puget Sound (Washington), Chesapeake Bay (Virginia), Nairobi (Kenya, East Africa), 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 of up to \$1,200. 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, 2230, 2240 and 4050 — but are exempted from taking BIOL 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 adviser 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. All faculty share the advising for these programs in the Department of Biology and should be contacted for further information if interested in these professions.

BIOLOGY

BIOLOGY MAJOR (48 hours)

- 22 hours from BIOL 2210, 2220, 2230, 2240, 4050, 4910, 4920
- 12 hours from additional upper-division BIOL courses (*completion of BIOL 2410 and 2420 will substitute for 4 hours of upper-division biology*)
- 2 hours from additional BIOL courses at any level
- CHEM 2110, 2120, 2210

BIOL 3800 and 4700 do not apply toward the major.

Additional CHEM courses, especially CHEM 2220 and 3100, 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. Students without a strong background in high school biology and chemistry should consult the department chair to determine the appropriate first courses.

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 3110, 3120
- At least one course from CHEM 3140, BIOL 4310
- Elective hours from:
 - CHEM 4090
 - BIOL 2230, 4050, 4120
 - MATH 1400 or 2010
 - PHYS 2240, 2250

Students pursuing pre-medicine should elect BIOL 2230, 4050, 4120; two semesters of calculus; and two semesters of physics.

Students pursuing graduate school should elect CHEM 3140, 4090; BIOL 2230, 4050; two semesters 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 (32-35 hours)

- 7 hours from BIOL/CHEM/PHYS 1110, 1120, 2700, 4700
- 1-4 hours from BIOL 3800
- 24 hours from EDUC 2102, 3000, 4030, 4040, 4110

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.
- 1110 Explorations of Teaching Science I** **1 hr. 1, 1)**
This course offers students an opportunity to explore teaching as a vocation. The course will provide students who enjoy science an introduction to the theory and practice of teaching science in diverse settings. Students will meet together weekly to discuss science and to develop lessons for instructing one another and then elementary students in local public schools. No teaching experience is assumed as a prerequisite. **SAME AS:** CHEM/PHYS 1110.
- 1120 Explorations of Teaching Science II** **1 hr. (1, 1)**
A continuation of Explorations of Teaching Science I with similar objectives but directed towards middle school and junior high students. Upon completion of Explorations I & II students are generally able to make a decision as to whether science teaching is a desired vocation. **SAME AS:** CHEM/PHYS 1120.
- 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)
The study of concepts and description of cell structure and function, genetics, evolution, natural history, 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; CHEM 2120.
- 2310 Natural History 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; organization of human cells into tissues, organs and organ systems. This course will emphasize skeletal tissues, muscles, and the nervous system. 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 endocrine, 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. **EXPECTATION:** BIOL/CHEM/PHYS 1120 should be completed. **SAME AS:** CHEM/PHYS 2700.
- 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, microbial genetics, microbial ecology and microbial physiology. **PREREQUISITE:** BIOL 2230. **OFFERED:** With sufficient demand.
- 3060 Ornithology** **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.
- 3070 Ecology** **4 hrs. (3, 3)**
 Lectures focus heavily on population biology, reproductive strategies, and species interactions such as competition, predation, and symbiotic relationships. Fundamental ecological concepts (niche, species diversity, community structure, energy flow, succession, and nutrient cycling) will be explored in depth. Selected topics in physiological ecology will be touched upon as time permits. Laboratory work includes field and laboratory exercises. **EXPECTATION:** Calculus, statistics, and genetics are desirable. **PREREQUISITE:** BIOL 2220.
- 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 and function, 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:** 2007-08.
- 3270 Histology** **4 hrs. (3, 4)**
 Detailed study of microscopic and ultramicroscopic structures of tissues and organs of

human beings. Relationship of structure and function emphasized. Students prepare slides using basic microtechniques. **PREREQUISITE:** BIOL 2230. **OFFERED:** 2007-08.

- 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.
- 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, and environmental stewardship.
- 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.
- 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.
- 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. **EXPECTATION:** CHEM 3100 strongly recommended. **PREREQUISITE:** BIOL 2240. **PREREQUISITE OR COREQUISITE:** CHEM 2220. **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.
- 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.
- 4700 Science Teaching Methods II** **2 hrs. (2, 0)**
 This course is a continuation of Science Teaching Methods I, with the addition of special topics. Team-taught by AU faculty and public school teachers. Topics include education policy and legislation, safety/liability considerations, short- and long-term objective writing, instructional strategies, using rubrics/grading/assessment, the appropriate use of technology, science department budgets, professional development goals, and the support resources avail-

able to science teachers, such as journals and professional organizations. **EXPECTATION:** BIOL/CHEM/PHYS 2700 should be completed. **SAME AS:** CHEM/PHYS 4700.

- 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. Armstrong, Dr. Bruce, Dr. Buck, Dr. Fox, Dr. Gibson, Dr. Haskett, Prof. Heberling, Dr. Lucas, Prof. Motluck, Prof. Peck, Prof. Pianki, Dr. Ritchey, Dr. Saunders, 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 to apply for 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 (proper submission of application, resumé, etc.)
- 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 in:

- Accounting
- Finance
- Marketing
- Economics
- Management

Joint majors are offered in Music/Business and in Math/Economics. In addition, a complementary major in Business Administration is offered to students with a primary major outside the Falls School of Business.

Within several majors there are opportunities for students to further specialize through the selection of a concentration. These concentrations include:

| MAJOR | CONCENTRATION |
|-------------------|---|
| Economics | Economic Policy Globalization |
| Finance | Investments Entrepreneurship |
| Management | Organizational Management Nonprofit Leadership Entrepreneurship Global Business |
| Marketing | eBusiness Marketing Strategy and Tactics Marketing Communications Global Marketing |

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
- Management
- Nonprofit Leadership
- Economics
- Marketing
- eBusiness
- Finance
- Global Business
- Entrepreneurship

The Falls School of Business is fully accredited by the Association of Collegiate 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, finance, management, and marketing majors:

- ACCT 2010, 2020
- CPSC 1100
- BSNS 1050, 2710, 2810
- ECON 2010, 2020
- BSNS 3200, 3420, 4500, 4910
- 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 principles, procedures, and analytical tools. Accounting courses, along with required business core courses, expose the student to a broad perspective of accounting and other business issues needed for management responsibility within a company, practice in the field of public accounting, or continued studies in a graduate program.

The major provides coursework that helps prepare students for the Certified Management Accountant (CMA) exam in Indiana and most other states. Licensing of certified public accountants (CPAs) is at the discretion of individual states. Indiana and more than 40 other states now 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 (56 hours)

- Prerequisite of one course from MATH 1300, 1400, 2010
- 37-hour business core
- ACCT 3010, 3020, 3110, 4020, 4310, 4900
- One course from: ACCT 3300, 4800; BSNS 3350, 4150, 4310; ECON 3020, 3110, 3410

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

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:
 - **Investments:**
 - BSNS 3150, 4160
 - 3 hours from BSNS 3850, 4240**, 4800; ACCT 4020

- **Entrepreneurship:**
 - BSNS 4310, 4320
 - 3 hours from BSNS 3150, 3210, 3230, 3240, 3400, 3510, 3850, 4100, 4160, 4240**, 4800

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:
 - **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 BSNS 4250 or INED 3500*
 - or*
 - IBI Program
 - **Entrepreneurship:**
 - BSNS 4310, 4320
 - 3 hours from BSNS 3120, 3240, 3400, 4240*, 4800

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:
 - **Marketing Strategy and Tactics:**
 - BSNS 3210, 3510, 3550
 - **eBusiness:**
 - BSNS 3400, 4400
 - 3 hours from BSNS 3510, 3550, 4240**, 4310, 4800
 - **Marketing Communications:**
 - 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 INED 3500*
 - or*
 - IBI Program

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

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 BSNS 3150, 3850, 4160, 4240**, 4800

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, 4250, 4240**, 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

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

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; INED 3500*; 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; INED 3500*

ENTREPRENEURSHIP MINOR

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

- BSNS 4310, 4320
- 9 hours from BSNS 3120, 3210, 3230, 3240, 3400, 3510, 4100, 4110

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

- ACCT 2010; BSNS 2710, 2810, 4310, 4320
- 3 hours from BSNS 3120, 3210, 3230, 3240, 3400, 3510, 4100, 4110

eBUSINESS 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

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 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:**
 - ECON 3210; INED 3500*
 - 6 hours from 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, Nestle, 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 Web site, www.ibi-program.org or contact the Falls School of Business.

The IBI Program may be taken to satisfy the concentration requirement for:

- the global business concentration in the management major, or
- the global marketing concentration in the marketing major.

The IBI Program courses are: ECON 3250; and BSNS 4170, 4250, and 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 adviser. 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.
- 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. Emphasizes professional communication and the use of spreadsheets. **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 information needs of management. The process of identification, measurement, accumulation, analysis, preparation, interpretation, and communication of information assists all levels of management in fulfilling organization goals. Provides information necessary to plan, control, and evaluate all aspects of business. **PREREQUISITE:** ACCT 2020.
- 3300 Financial Management of Nonprofit Organizations** **3 hrs. (3, 0)**
Concepts and processes of nonprofit financial management for various nongovernmental organizations such as health organizations, welfare agencies, charities, and educational institutions; topics include appropriate internal controls, financial statements, fund accounting, financial indicators, and assessment. **PREREQUISITE:** ACCT 2020.
- 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.
- 4020 Federal Income Tax** **3 hrs. (3, 0)**
Examines internal revenue code and treasury regulations with respect to taxation of individuals and other entities. Includes emphasis on tax research, planning, and compliance. **PREREQUISITE:** ACCT 2020.
- 4310 Auditing** **3 hrs. (3, 0)**
Standards and procedures of auditing accounting information and statements, internal control, verification of balance sheets and operating accounts, and responsibilities of the auditor. **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.
- 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.
- 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; CPSC 1100.

- 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.
- 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.
- 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, 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 affect 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; MATH 2120 or PSYC/POSC 2440.
- 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.

- 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.
- 3400 eBusiness** **3 hrs. (3, 0)**
Examines use and integration of digital technologies in the business setting. Focus will be given on how technology can enhance the business value chain through integrated enterprise applications such as customer relationship management, enterprise resource planning, supply chain management, e-procurement, and knowledge management.
- 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 majors.
- 3510 Marketing Channels** **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 Introduction to Marketing Communications** **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.
- 4010 Organizational Behavior and Theory** **3 hrs. (3, 0)**
Stresses behavior in relation to organizational theories, knowledge, and 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 solving marketing problems.
PREREQUISITE: BSNS 2810; MATH 2120 or PSYC/POSC 2440.
- 4120 International Management** **3 hrs. (3, 0)**
Examines challenges facing managers competing in a global economy. Use of 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 Advanced Investments** **3 hrs. (3, 0)**
Continuation of the topics covered in BSNS 4150. Topics include futures, options, swaps, international investing, and portfolio performance evaluation. **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. **REPEAT:** May be repeated as long as topic is different. **PREREQUISITE:** Varies depending on topic.
- 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 Entrepreneurship I: 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 Entrepreneurship II: Funding New Ventures** **3 hrs. (3, 0)**
This course focuses on the potential funding sources for the business plans written in Entrepreneurship 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.
- 4400 eCommerce** **3 hrs. (3, 0)**
Students examine the process of buying and selling products, services, and information via digital technologies (typically the Internet). Students gain familiarity with retail/business Web site 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 Advanced Marketing Communications** **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 business department 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 permission. **GRADE:** CR/NC registration.
- 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 Economic Analysis** **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. **REPEAT:** May be repeated as long as topic is different. **PREREQUISITE:** Varies depending on topic.
- 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.

Chemistry and Physics

Dr. Bales, chair; Dr. Carr, Dr. Kennedy, Dr. Lyle-Ippolito, Dr. Wallace

Course work in the physical sciences is an important component of a liberal arts education. In addition, students planning a career in a science-related field will have a concentration of courses in this area. The Department of Chemistry and Physics offers majors in biochemistry, chemistry, and physics, and minors in chemistry and physics. For students interested in teaching science in the public schools, the department offers a complementary major called TeachScience. For more information, contact the department chair.

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. Students without a strong background in high school biology and chemistry should consult the department chair to determine the appropriate first courses.

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 3110, 3120
- At least one course from CHEM 3140, BIOL 4310
- Elective hours from:
 - CHEM 4090
 - BIOL 2230, 4050, 4120
 - MATH 1400 or 2010
 - PHYS 2240, 2250

Students pursuing pre-medicine should elect BIOL 2230, 4050, 4120; two semesters of calculus; and two semesters of physics.

Students pursuing graduate school should elect CHEM 3140, 4090; BIOL 2230, 4050; two semesters 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, their composition and interactions. Programs of study in chemistry may be designed for graduate or medical school preparation, for teaching, or for careers in government or industrial laboratories. Students considering a chemistry major should begin their study with CHEM 2110. Students without a strong background in high school chemistry should consult the department chair to determine the appropriate first course.

NOTE: Students pursuing majors in both chemistry and physics may present no more than 15 hours common to those majors.

CHEMISTRY MAJOR (52 hours)

- CHEM 2110, 2120, 2210, 2220, 3100; 3110 or 3120; 4510, 4520, 4910, 4920
- PHYS 2240, 2250
- MATH 1400 or 2010
- Remaining hours from additional upper-division (3000-level and above)

CHEM courses

CHEM 1000, 1110, and 1120 do not apply toward the major.

CHEMISTRY MINOR (16 hours)

- CHEM 2210, 3100
- Remaining hours from additional upper-division (3000-level and above)

CHEM courses

CHEM 1000, 1110, and 1120 do not apply toward the minor.

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; for chemistry, biology, mathematics, computer science, and pre-medical students to supplement and complement their major fields of study; and for non-science majors to fulfill the science component of the liberal arts program.

PHYS 2240 and 2250 introduce the concepts of physics and are designed primarily for science, pre-medicine, computer science, and mathematics majors.

A minor or major in mathematics is essential for all physics majors who plan to pursue graduate school or careers in areas of applied physics. Students who plan to teach high school physics and physical science do not need a minor in math unless a math teaching certification is also desired. In general, the following courses or their equivalent should be taken as early as possible: MATH 2010, 2020, 3010, 3020, and 3100. Students planning to major in physics should consult the chair of the department as early as possible.

NOTE: Students pursuing majors in both chemistry and physics may present no more than 15 hours common to those majors.

PHYSICS MAJOR (30 hours)

- PHYS 2240, 2250, 3110, 3120, 4110, 4120, 4210, 4910, 4920
- May include CHEM 3110, 3120
- May include up to 4 hours from EETC 1090, 1570, 1590 (*See Electrical Engineering Technology, listed under Computer Science in this catalog.*)
- May include up to 8 hours from PHYS 4930

PHYS 1000, 1020, 1110, 1120, and 1240 do not apply toward the major.

PHYSICS MINOR (16 hours)

- PHYS 2240, 2250, 3110
- May include CHEM 3110, 3120
- Remaining hours from additional upper-division (3000-level and above) PHYS courses

PHYS 1000, 1020, 1110, 1120, and 1240 do not apply toward the minor.

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 (32-35 hours)

- 7 hours from BIOL/CHEM/PHYS 1110, 1120, 2700, 4700
- 1-4 hours from BIOL 3800
- 24 hours from EDUC 2102, 3000, 4030, 4040, 4110

CHEM COURSES

1000 Introduction to Chemistry

4 hrs. (3, 2)

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.

- 1110 Explorations of Teaching Science I** **1 hr. (1, 1)**
This course offers students an opportunity to explore teaching as a vocation. The course will provide students who enjoy science an introduction to the theory and practice of teaching science in diverse settings. Students will meet together weekly to discuss science and to develop lessons for instructing one another and then elementary students in local public schools. No teaching experience is assumed as a prerequisite. **SAME AS:** BIOL/PHYS 1110.
- 1120 Explorations of Teaching Science II** **1 hr. (1, 1)**
A continuation of Explorations of Teaching Science I with similar objectives but directed towards middle school and junior high students. Upon completion of Explorations I and II students are generally able to make a decision as to whether science teaching is a desired vocation. **SAME AS:** BIOL/PHYS 1120.
- 2110 General Chemistry I** **4 hrs. (4, 2.5)**
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.
- 2120 General Chemistry II** **4 hrs. (4, 2.5)**
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.
- 2210 Organic Chemistry I** **4 hrs. (3, 3)**
Bonding theory, composition, and constitution of carbon frameworks and functional groups, nomenclature, stereochemistry, and introduction to reactions and reaction mechanisms. **EXPECTATION:** Students entering this class will have completed CHEM 2120 or demonstrated through testing an equivalent level of knowledge.
- 2220 Organic Chemistry II** **4 hrs. (3, 3)**
Reactions, mechanisms, and synthesis of various functional groups. Spectroscopy, including NMR, IR, and UV-VIS. **EXPECTATION:** CHEM 2210 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/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 2120 should be completed.
- 3110 Physical Chemistry I** **4 hrs. (3, 3)**
Thermodynamics; properties of gases, liquids, solids, and solutions; chemical kinetics. **EXPECTATION:** PHYS 2250; MATH 2020 or 1400; and CHEM 2120 should be completed. **OFFERED:** 2007-08.

- 3120 Physical Chemistry II** **4 hrs. (4, 0)**
 Quantum chemistry and computational chemistry. **EXPECTATION:** PHYS 2250, MATH 2020 or 1400; and CHEM 2120 should be completed. **OFFERED:** 2007-08.
- 3140 Instrumental Analysis** **4 hrs. (3, 6)**
 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:** 2006-07.
- 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/PHYS 3800.
- 4090 Inorganic Chemistry** **4 hrs. (4, 0)**
 Molecular structure and bonding, symmetry, structures of solids, d-metal complexes, band theory, organometallics, and advanced topics. **EXPECTATION:** CHEM 2120 and 2220 should be completed. **OFFERED:** 2007-08.
- 4100 Organic Spectroscopy** **4 hrs. (3, 3)**
 Emphasis on identifying organic compounds based on various spectra. Students will gain hands-on experience in NMR, IR, GC-MS, UV-Vis and the interpretation of their spectra. **EXPECTATION:** CHEM 2210 should be completed. **OFFERED:** 2006-07.
- 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. **EXPECTATION:** CHEM 3100 strongly recommended. **PREREQUISITE:** BIOL 2240, CHEM 2220. **SAME AS:** BIOL 4210.
- 4510 Senior Chemistry Practicum I** **1 hr. (1, 3)**
 A review and evaluation of the student's development as a chemistry major. In addition, students will study and discuss laboratory safety, potential careers, laboratory instrument maintenance, and scientific ethics as related to Christianity. Required of all chemistry majors.
- 4520 Senior Chemistry Practicum II** **1 hr. (1, 3)**
 Continuation of Advanced Laboratory Practicum I. An introduction to the chemical literature. Required of all chemistry majors. **EXPECTATION:** CHEM 4510 should be completed.
- 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; permission of a Chemistry faculty adviser. **REPEAT:** May be repeated. No more than 8 hours may be counted toward the major.
- 4700 Science Teaching Methods II** **2 hrs. (2, 0)**
 This course is a continuation of Science Teaching Methods I, with the addition of special topics. Team-taught by AU faculty and public school teachers. Topics include education policy and legislation, safety/liability considerations, short- and long-term objective writing, instructional strategies, using rubrics/grading/assessment, the appropriate use of technology, science department budgets, professional development goals, and the support resources available to science teachers, such as journals and professional organizations. **EXPECTATION:** BIOL/CHEM/PHYS 2700 should be completed. **SAME AS:** BIOL/PHYS 4700.
- 4800 Chemistry Laboratory Internship** **1-2 hrs. (arranged)**
 Actual participation under professional supervision in approved industrial or government

laboratory. Credit given only when educational objectives of internship have been fulfilled.
PERMISSION: Department chair. **GRADE:** CR/NC registration.

- 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.

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.
- 1110 Explorations of Teaching Science I** **1 hr. (1, 1)**
 This course offers students an opportunity to explore teaching as a vocation. The course will provide students who enjoy science an introduction to the theory and practice of teaching science in diverse settings. Students will meet together weekly to discuss science and to develop lessons for instructing one another and then elementary students in local public schools. No teaching experience is assumed as a prerequisite. **SAME AS:** BIOL/CHEM 1110.
- 1120 Explorations of Teaching Science II** **1 hr. (1, 1)**
 A continuation of Explorations of Teaching Science I with similar objectives but directed towards middle school and junior high students. Upon completion of Explorations I and II students are generally able to make a decision as to whether science teaching is a desired vocation. **SAME AS:** BIOL/CHEM 1120.
- 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.
- 2240 General Physics I** **4 hrs. (4, 2)**
 Introduction to major concepts of physics and their mathematical foundations. Topics include mechanics, electricity, and magnetism. **EXPECTATION:** Students enrolling should have

completed or be enrolled in MATH 2010, 2020; or MATH 1400 or equivalent. **OFFERED:** Semester II.

- 2250 General Physics II** **4 hrs. (4, 2)**
Continuation of General Physics I. **EXPECTATION:** PHYS 2240 or equivalent should be completed. **OFFERED:** Semester I.
- 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.
- 3110 Modern Physics** **4 hrs. (4, 0)**
Non-laboratory lecture and demonstration covering topics such as relativity, radiation, quantum mechanics, structure of the atom, and nuclear reactions. **EXPECTATION:** PHYS 2250 should be completed. **OFFERED:** 2007-08.
- 3120 Analytical Mechanics** **4 hrs. (4, 0)**
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:** With sufficient demand.
- 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.
- 4110 Advanced Physics Laboratory I** **1 hr. (0, 3)**
Advanced experiments in modern physics, mechanics, electricity, magnetism, heat, and optics with emphasis on scientific methods and laboratory technique.
- 4120 Advanced Physics Laboratory II** **1 hr. (0, 3)**
Advanced experiments in modern physics, mechanics, electricity, magnetism, heat, and optics with emphasis on scientific methods and laboratory technique.
- 4210 Electricity and Magnetism** **4 hrs. (4, 0)**
Electric fields and circuits, magnetic fields, Maxwell's equations and radiation. **EXPECTATION:** PHYS 2250, MATH 3100 are normally completed. **OFFERED:** With sufficient demand.
- 4320 Waves/Optics** **4 hrs. (4, 0)**
Study of electromagnetic and mechanical wave phenomena in optics and acoustics; ray and wave optics. **EXPECTATION:** PHYS 2250, MATH 3100 are normally completed. **OFFERED:** With sufficient demand.
- 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.
- 4700 Science Teaching Methods II** **2 hrs. (2, 0)**
This course is a continuation of Science Teaching Methods I, with the addition of special topics. Team-taught by AU faculty and public school teachers. Topics include education poli-

cy and legislation, safety/liability considerations, short- and long-term objective writing, instructional strategies, using rubrics/grading/assessment, the appropriate use of technology, science department budgets, professional development goals, and the support resources available to science teachers, such as journals and professional organizations. **EXPECTATION:** BIOL/CHEM/PHYS 2700 should be completed. **SAME AS:** BIOL/CHEM 4700.

- 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, thermodynamics, mechanics, acoustics, nuclear physics, or computer technology. **REPEAT:** May be repeated. Total credit not to exceed 12 hours. **OFFERED:** With sufficient demand.

Classics

Dr. Burnett, coordinator; Dr. Farmen, Dr. Reed, Prof. Ryden, 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

Dr. Boggs, chair; Dr. Baird, Dr. Chapman, Prof. Johnstone, Prof. Morehead; Prof. Armstrong, Prof. Cagley, Prof. Clark, Prof. Dawson, Prof. Dodd, Prof. Graves, Prof. Miller, Prof. Rust, Prof. Wood

The mission of the Department of Communication at Anderson University is to create and sustain an educational program in which members are helped and encouraged to:

- understand human communication as a sacred trust, privilege, and obligation;
- develop the capacity to make sound and discerning judgments about communication content, technique, and effectiveness; and
- cultivate growth and maturity as communicators whose work is characterized by exceptional competence, personal integrity, and Christian ethics.

The Department of Communication offers three majors: mass communication, theatre studies, and a teaching major in theatre arts. Four specialization areas are offered in mass communication: broadcast production, broadcast journalism, public relations, and journalism.

MASS COMMUNICATION

The 45-hour mass communication major enables students to bring to the communication profession both breadth and depth and provides expertise in knowledge, skills, and techniques. It is designed to prepare students for careers in professional communication.

The communication core emphasizes theory, ethics, law, and writing skills, while the area of specialization prepares students in a specific field of communication. All students must take and achieve a grade of C- or better in COMM 2000 (Mass Media and Society), COMM 2130 (Writing for the Media), and COMM 2120 (Audio and Video Concepts) before registering for further courses in the major which require these as prerequisites. Students will have two opportunities to earn the required grade.

All majors take the core courses and one area of specialization:

- **Broadcast Production**

Students study radio and television production in the Broadcasting Center studios in preparation for careers in production and management. Practical experience includes work in the university's commercial FM radio station, WQME, and the student-supported television production facility, Covenant Productions, as well as internships with radio and television stations. Covenant Productions is a member of the International Christian Visual Media (ICVM). WQME is a member of the National Association of Broadcasters (NAB), the Radio Advertising Bureau (RAB), and the Indiana Broadcasters Association (IBA). For students interested in a career in film, the university offers a semester-long program in Hollywood with the Los Angeles Film Studies Center.

- **Broadcast Journalism**

Students study radio and television news, including writing, reporting, and announcing. Practical experience includes newscasting with the university's

commercial FM radio station, WQME, and reporting and anchoring experiences in radio and television classes, as well as internship opportunities at radio and TV stations and networks.

- **Journalism**

Emphasis on newswriting skills aids students in preparing for careers in writing, reporting, and editing for print media. Practical experiences include writing, editing, and publishing the student newspaper, the *Andersonian*, and the year-book, *Echoes*, as well as internships with newspapers and magazines.

- **Public Relations**

Courses in the public relations function, public relations case studies, and the publicity process prepare students for careers as communicators in business and industry. Practical experience includes internships with public relations departments of corporations and non-profit institutions.

MASS COMMUNICATION MAJOR (45 hours)

- **Communication Core:**

- 15 hours from COMM 2000, 2130, 3000, 3200, 4000

- **Area of specialization** (30 hours from one area):

- **Broadcast Production**

- COMM 2120, 2220, 3120; 2320 or 2420
- 4 hours from COMM 2860
- 1-4 hours from COMM 4800
- Remaining hours from: COMM 3220, 3320, 3420, 4120, 4900

- **Broadcast Journalism**

- COMM 2120, 2220, 2420, 2520, 3320
- 4 hours from COMM 2860
- 1-4 hours from COMM 4800
- Remaining hours from: COMM 2320, 2430, 3120, 3130, 4900; POSC 2100; SPCH 3150

- **Journalism**

- COMM 2430, 3130, 3230, 3330, 3430
- 4 hours from COMM 2850
- 1-4 hours from COMM 4800
- Remaining hours from: COMM 2520, 2860 (*news responsibilities only*), 4900; ARTS 2090; ENGL 3000, 3160, 3180; POSC 2100

- **Public Relations**

- COMM 3130, 3140, 3230, 3240, 3330, 3340
- 4 hours from COMM 2850
- 1-4 hours from COMM 4800
- Remaining hours from: COMM 2120, 2430, 3220, 3430, 4900; SPCH 3150; ARTS 2090; BSNS 2810, 3550

MASS COMMUNICATION MINORS

BROADCAST PRODUCTION MINOR (16 hours)

- COMM 2000, 2120, 2220; 2320 or 2420
- 2 hours from COMM 2860

PUBLIC RELATIONS MINOR (18 hours)

- COMM 2000, 2130, 3140, 3240, 3330, 3340

SPEECH

The aim of speech and theatre courses is to educate students in the various arts of oral expression so they, as active and creative members of society, may communicate their thoughts, ideas, and feelings to others as efficiently and effectively as possible. Thus, through courses in speech communication, debate, forensics, and theatre, the program of study seeks to further the arts of self-expression and to prepare students for careers in communication fields.

THEATRE STUDIES MAJOR (29-32 hours)

- SPCH 2350, 3010, 3020, 3400; 3500 or 3550; 4910
- 4 hours from SPCH 2890
- 1-4 hours from SPCH 4800
- Remaining hours from: SPCH 4900, 4910; ENGL 3320, 4250

SPEECH MINOR (16 hours from the following)

- SPCH 1000, 2100, 2550, 2870, 2880, 3110, 3210, 3150

THEATRE STUDIES MINOR (17 hours)

- SPCH 2350
- One course from: SPCH 3010, 3020, 4900
- One course from: SPCH 3500, 3550
- At least 2 hours from SPCH 2890
- Remaining hours from courses applicable to the Theatre Studies major

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.

THEATRE ARTS TEACHING MAJOR (29-32 hours)

- SPCH 2350, 3010, 3020, 3400; 3500 or 3550; 4910
- 4 hours from SPCH 2890
- 1-4 hours from SPCH 4800
- Remaining hours from: SPCH 4900, 4910; ENGL 3320, 4250

LANGUAGE ARTS TEACHING MAJOR

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

COMM COURSES

- 2000 Mass Media and Society** **3 hrs. (3, 0)**
Examination of major print and electronic mass media in terms of historical development, functions, structures, and issues. Entry course to core in mass communication program.
OFFERED: Each semester.
- 2120 Audio and Video Concepts** **4 hrs. (3, 2)**
Introduction to the basic tools, disciplines, and concepts of audio and video/cinema production. Topics include aural and visual space. Production tools taught include mixers, switchers, cameras, character generators, microphones, and recorders.
- 2130 Writing for the Media** **3 hrs. (3, 0)**
Introductory writing skills in the areas of newspapers and magazines, broadcast news, public relations, and commercial copywriting. **PREREQUISITE:** COMM 2000. **OFFERED:** Each semester.
- 2220 Audio Production** **3 hrs. (3, 0)**
The art of creating quality audio production for airing on radio stations, audio for video/cinema, and for the Internet. Emphasis is on production technique. **PREREQUISITE:** COMM 2120.
- 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 2120. **OFFERED:** 2007-08.
- 2420 Field and Postproduction** **4 hrs. (3, 2)**
Introduction to the single camera video/cinema production process in the field. Involves preproduction planning, producing, directing, cinematography, and digital editing. **PREREQUISITE:** COMM 2120. **OFFERED:** 2006-07.
- 2430 Computer-Assisted Journalism** **3 hrs. (3, 0)**
Strategies for online research and the analysis of computerized records and databases. **PREREQUISITE:** COMM 2000, 2130. **OFFERED:** 2007-08.
- 2520 Broadcast Journalism** **3 hrs. (3, 0)**
Approaches to the gathering, writing, editing, and delivery of radio and television news. **PREREQUISITE:** COMM 2120, 2130. **OFFERED:** 2006-07.
- 2850 Andersonian/Echoes Staff** **1 hr. (arranged)**
Involves working in staff positions on the student newspaper, the *Andersonian*, and yearbook, *Echoes*. Assignments include planning, writing, editing, and designing student publications. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **PREREQUISITE:** COMM 2130. **OFFERED:** Each semester.
- 2860 WQME/Covenant Productions Staff** **1 hr. (arranged)**
Practical experience in daily operation of WQME FM or Covenant Productions. Experience with Covenant Productions requires COMM 2120 as a prerequisite. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **GRADE:** CR/NC registration. **OFFERED:** Each semester.

- 3000 Theories of Mass Communication** **3 hrs. (3, 0)**
Historical background, research methods, and a range of theoretical approaches to mass communication, including persuasion, propaganda, and social/political effects. **PREREQUISITE:** COMM 2000. **OFFERED:** 2007-08.
- 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. Foreign Christian missionary activities are used as a context for study during part of the course. **PREREQUISITE:** SPCH 1000. **OFFERED:** 2007-08.
- 3120 Broadcast Management Survey** **3 hrs. (3, 0)**
The challenge of managing radio and television stations as well as production companies. Topics include sales, programming, audience measurement, promotions, FCC regulation, and news. **OFFERED:** 2007-08.
- 3130 Advanced Newswriting and Reporting** **3 hrs. (3, 0)**
Study of advanced research, interviewing, and newswriting techniques, with stories written for publication. **PREREQUISITE:** COMM 2130. **OFFERED:** 2006-07.
- 3140 Principles of Public Relations** **3 hrs. (3, 0)**
Introduction to public relations: history, environment, processes, tools, and practices. **PREREQUISITE:** COMM 2000.
- 3200 Ethics of Mass Communication** **3 hrs. (3, 0)**
The examination of ethical standards as they relate to the mass media in practice. Encourages development of a personal and professional standard of ethics. **PREREQUISITE:** COMM 2000. **OFFERED:** 2007-08.
- 3220 Commercial Copywriting and Scriptwriting** **2 hrs. (2, 0)**
Conception and scripting of public service announcements, commercial copy and longer scripts for promotion, comedy, drama, and other genres. **PREREQUISITE:** COMM 2000, 2130. **OFFERED:** 2006-07.
- 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. **PREREQUISITE:** COMM 2130. **OFFERED:** 2007-08.
- 3240 Public Relations Case Studies** **3 hrs. (3, 0)**
Nature, development, and application of principles of public relations. Identification of publics and their interests, and public relations for specialized fields. Application of public relations concepts to variety of situations. **PREREQUISITE:** COMM 3140. **OFFERED:** 2007-08.
- 3320 Announcing** **3 hrs. (3, 0)**
Styles and theory of announcing. Includes performance, pronunciation, and styles for news, interview, music, and sports. Applicable to both radio and television. **PREREQUISITE:** COMM 2120. **OFFERED:** 2006-07.
- 3330 Publication Design** **3 hrs. (3, 0)**
Study of communication graphics with desktop publishing technology. Application of design principles to newspapers, magazines, newsletters, miscellaneous publications, and Web sites. **PREREQUISITE:** Open to departmental majors only. **OFFERED:** 2006-07.
- 3340 Public Relations Writing** **3 hrs. (3, 0)**
Writing public relations materials, especially publicity releases for all media, and study of procedures for dissemination of public information. **PREREQUISITE:** COMM 2130, 3140. **OFFERED:** 2006-07.

- 3420 Film Studies** **3 hrs. (3, 0)**
An overview of the profession of filmmaking, including producing and the critique. Involves the review of several major motion pictures and the context of their creation. Not a film production course. **PREREQUISITE:** COMM 2000, 2130. **OFFERED:** 2006-07.
- 3430 Opinion/Editorial Writing** **3 hrs. (3, 0)**
Focus on research and writing of editorials, opinion pieces, and first-person articles. **PREREQUISITE:** COMM 2000, 2130. **OFFERED:** 2006-07.
- 4000 Mass 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 examining libel, slander, privacy, copyright, trademark, and free press/fair trial issues. **PREREQUISITE:** COMM 2000. **OFFERED:** 2006-07.
- 4120 Advanced Video Production** **3 hrs. (3, 1)**
The capstone teleproduction course. Advanced theory and practice including pre-production, production, and non-linear based post-production. Students will produce content for air on a local or national television venue. **PREREQUISITE:** COMM 2120; COMM 2320 or 2420. **OFFERED:** 2007-08.
- 4800 Internship** **1-4 hrs. (arranged)**
Opportunity for advanced work off campus in the area of specialization at a radio or TV station, newspaper, magazine, public relations agency, or other relevant environment. **PERMISSION:** Instructor. **PREREQUISITE:** Upper-division standing. **OFFERED:** Each semester and summers.
- 4900 Seminar in Mass Communication** **3 hrs. (3, 0)**
Intensive study of selected topics in historical or contemporary mass communication. Topics vary, **REPEAT:** May be repeated. **PREREQUISITE:** COMM 2000, 2130. **OFFERED:** 2006-07.

SPCH 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.
- 2100 Speech Disorders Survey** **3 hrs. (3, 0)**
Survey of speech disorders as might be found in the classroom. Recommended for both elementary and high school teachers. **OFFERED:** 2007-08.
- 2350 Acting for Everyone** **3 hrs. (3, 2)**
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 Speech for Language Arts** **3 hrs. (3, 0)**
Advanced Speech 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:** 2007-08.
- 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.

- 2550 Speech Appreciation** **2 hrs. (2, 0)**
 Examination of historic and contemporary speeches to develop understanding and appreciation of the elements by which great speeches are valued.
- 2870 Forensics Practicum** **1 hr. (arranged)**
 Practical experience in public speaking, oral interpretation; may involve participation in intercollegiate forensics competition. **PERMISSION:** Instructor. **REPEAT:** May be repeated. Total credit not to exceed 4 hours.
- 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.
- 2890 Acting/Production Practicum** **1 hr. (arranged)**
 Practical experience in theatre arts, 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 Romantics** **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:** 2006-07.
- 3020 History, Theory, and Drama of Theatre II: Romantics 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:** 2007-08.
- 3110 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. **OFFERED:** 2007-08.
- 3150 Speechwriting and Presentation** **2 hrs. (2, 0)**
 Audience analysis, speech preparation, extemporaneous speaking, and presentations. **PREREQUISITE:** SPCH 1000. **OFFERED:** 2006-07.
- 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:** 2006-07.
- 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. **PERMISSION:** Instructor. **PREREQUISITE:** SPCH 2350; open only to majors. **OFFERED:** 2007-08.
- 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:** SPCH 2350, 3300. **OFFERED:** 2007-08.
- 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:** 2006-07.
- 3550 Lighting Design** **3 hrs. (3, 2)**
 Teaches the theory and practice of theatrical lighting. Open to all students. **OFFERED:** 2006-07.

- 4650 Independent Study** **1-4 hrs. (arranged)**
 Writing of long paper in area of theatre, requiring extensive bibliographic research.
EXPECTATION: 3.0 GPA in major. **PERMISSION:** Instructor. **PREREQUISITE:** Theatre arts teaching major. **OFFERED:** Each semester.
- 4700 Strategies for Teaching Theatre Arts** **2 hrs. (2, 0)**
 Methodology of teaching theatre arts in secondary school. Does not apply toward major or minor. **OFFERED:** Each semester.
- 4750 Strategies for Teaching Speech** **2 hrs. (2, 0)**
 Surveys the content of a secondary speech class, evaluation methods, and extra-curricular activities related to the speech classroom. Does not apply toward major or minor.
OFFERED: Each semester.
- 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 course work. **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:** SPCH 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). **REPEAT:** May be repeated. **PREREQUISITE:** SPCH 2350. **OFFERED:** 2006-07.

Computer Science

Prof. Koontz, chair; Prof. Blanchard, Prof. 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 three majors — computer science, computer science-mathematics, and information systems — and a complementary computer science major for students wishing to add a computing option to an existing major.

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 course work 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 (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

INFORMATION SYSTEMS MAJOR (52 hours)

- CPSC 1100, 1400, 1500, 2010, 2100, 2400, 4500
- MATH 2200
- 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 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

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

ELECTRICAL ENGINEERING TECHNOLOGY (EETC)

Courses in electrical engineering technology are designed to give students an understanding of the principles behind today's technology. It is especially valuable for computer scientists to have a firm grasp of the concepts upon which their machines are built. These courses are offered by the Department of Computer Science but are taught by Purdue University faculty. All courses include a 3-hour laboratory each week to ensure students have hands-on experience with the equipment.

ELECTRICAL ENGINEERING TECHNOLOGY MINOR (15 hours)

The minor in electrical engineering technology is designed to be taken in conjunction with another major in the department. Students may also take EETC courses as general electives.

- EETC 1070, 1090, 1590, 2050
- EETC 1570 is recommended but not required*

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 HTML.
- 1200 Algorithms and Internet 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, flow-of-control 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. **PERMISSION:** 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, distributed systems, computer graphics, and artificial intelligence. **PERMISSION:** 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 three-tiered program architecture, database connectivity, data access using embedded SQL, net-centric programming using ASP.NET, and Web Services. **PREREQUISITE:** CPSC 1400 or CPSC 1200.
- 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, triggers, transaction processing, and database administration. 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 Networking, Telecommunications, and Operating Systems** **4 hrs. (4, 0)**
 Students will focus on the services provided by inter-networked computing 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. **PERMISSION:** 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. **PERMISSION:** Instructor. **GRADE:** CR/NC registration. **REPEAT:** May be repeated.
- 2900 Special Topics** **2-4 hrs. (arranged)**
 Topics offered as demand and opportunity warrant, including, but not restricted to, computer graphics and artificial intelligence. **PERMISSION:** Instructor. **REPEAT:** May be repeated.
- 3300 Numerical Analysis** **4 hrs. (4, 0)**
 Introduction to numerical algorithms fundamental to scientific or 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 2010. **SAME AS:** MATH 3300. **OFFERED:** 2005-06.
- 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.
- 3650 Independent Study** **2-4 hrs. (arranged)**
Independent study under faculty direction. **PERMISSION:** 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. **PERMISSION:** Instructor. **GRADE:** CR/NC registration. **REPEAT:** May be repeated.
- 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. **PERMISSION:** 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 CPSC 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. **PERMISSION:** 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. **PERMISSION:** Instructor. **GRADE:** CR/NC registration. **REPEAT:** May be repeated.
- 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. **PREREQUISITE:** Instructor's permission. **REPEAT:** May be repeated.

EETC COURSES

- 1070 Introduction to Circuit Analysis** **4 hrs. (3, 3)**
Voltage, current, resistance, Ohm's law, Kirchhoff's laws, resistance combinations, and Thevenin's, Norton's, and superposition theorems are studied. DC and AC circuits are studied and utilized with basic AC terminology described. The performance of ideal transformers, capacitors and inductors, and first order RLC circuits are investigated. Fundamental analog circuits are utilized in the laboratory to enhance understanding of basic laws and theorems.
- 1090 Digital Fundamentals** **3 hrs. (2, 3)**
Introduces basic gate and flip-flop logic devices and their application in combinational and sequential digital circuits. Topics include decoders, displays, encoders, multiplexers, demultiplexers, registers, and counters. Logic circuit analysis, implementation of circuits using standard IC chips, programmable logic devices, circuit testing, and troubleshooting are emphasized.
- 1570 Electrical Circuits Analysis** **4 hrs. (3, 3)**
Diodes, various discrete and IC regulated power supplies, transistor biasing techniques, and characteristics of small signal amplifiers are studied. Additional topics such as dependent sources, operational amplifiers, non-ideal DC op amp characteristics, waveform generation, and IC fabrication overview are also covered. Circuit fundamentals such as Kirchhoff's laws are utilized in analysis and design of circuits. Computer-aided analysis of circuits is used. **PREREQUISITE:** EETC 1070.
- 1590 Digital Applications** **4 hrs. (3, 3)**
Continues the study of combinational and sequential digital applications. The input and output characteristics of the various common logic families and the appropriate signal conditioning techniques for on/off power interfacing are discussed. Also stressed are standard logic function blocks, digital and analog signal interfacing techniques, and memory devices. **PREREQUISITE:** EETC 1070, 1090.
- 2050 Introduction to Microprocessors** **4 hrs. (3, 3)**
An introduction to microprocessor hardware and software. Assembly language instructions and programming, troubleshooting, and input/output techniques are studied. Computer-based program editing and assembly techniques are used. **PREREQUISITE:** EETC 1590.

School of Education

*Dr. Ross, dean; Dr. Fulkerson, Dr. Moller, Dr. Robinson, Dr. Sample, Dr. Treahy, Dr. Walker, Prof. Austin; Prof. Baker, Prof. Kelley, Prof. Rayl. **Secondary School Methods** — Prof. Freer (Art), Dr. Clark (English), Dr. Koene (Foreign Language), Dr. Stephens (Mathematics), Dr. Wright (Music), Dr. Taylor (Music), Prof. Brandon (Music), Dr. Hull (Physical Education), Dr. Bales (Science), Dr. Dirck (Social Studies)*

Preparing Teachers of Excellence

The mission of the teacher education program at Anderson University is to prepare competent professional educators who demonstrate excellence in knowledge, practices, and dispositions and who model values of character. In line with the university's mission, the School of Education 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. Students in the teacher education program develop professional knowledge, skills, and dispositions through:

- knowledge and mastery of subject matter;
- knowledge of human development and its implications for the learner;
- understanding of social and cultural relationships;
- understanding of the interrelationship of curriculum, instruction, and assessment;
- practice of critical inquiry and reflection on teaching and learning;
- development of effective communication; and
- understanding of philosophical, historical, and sociological foundations of education.

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.

Anderson University's School of Education and The Josephson Institute for Ethics have joined efforts to become the nation's first undergraduate teacher education partnership for character-development. While this program has long been available to licensed teachers, AU has the distinction of being the first and only university to offer the training to preservice teachers. Our students graduate with a foundation in character education and a specialization in the Character Counts program for educators.

The School of Education also offers Master of Education degrees in curriculum and instruction and in school leadership: administrative licensing (*see Anderson University Graduate Academic Catalog*).

TITLE II ACCREDITATION AND INSTITUTIONAL REPORT CARD

As a university preparing students for careers in public education and related professions, Anderson University is subject to regulations and guidelines established and implemented by the Indiana Division of Professional Standards and the National Council for Accreditation of Teacher

Education (NCATE). Programs judged to meet the national and state standards receive “program approval” status. Students who satisfactorily complete the requirements for licensure become eligible for a teaching certificate in Indiana and other states with reciprocal arrangements. In 1998, the U.S. Congress enacted an amendment to the Higher Education Act that required a testing process for all teacher education programs. For the 2003-2004 cohort of program completers, the School of Education at AU had an institutional pass rate of 98 percent on aggregate basic skills tests (PRAXIS I) and a 100 percent aggregate pass rate on content area tests (PRAXIS II).

Please be advised that efforts to continually renew and improve teacher education by the Indiana Division of Professional Standards and NCATE 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 advisers to assure compliance with new requirements.*

Teacher Education Preparation Program

The foundation for the teacher education preparation program at AU is the Interstate New 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 adviser prior to registering for courses.

TEACHER LICENSING

The School of Education teacher education program meets the required licensing standards of the Indiana Division of Professional Standards and is nationally accredited by the National Council of Accreditation of Teacher Education (NCATE) and regionally accredited by North Central Accreditation (NCA). 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 adviser in the School of Education.

ALTERNATIVE LICENSE PROGRAM: TRANSITION TO TEACHING

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 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. Student's work throughout the teacher education preparation program is evaluated by the INTASC principles with student teaching as the culminating experience of incorporation of those principles. There are four performance assessment levels, one of which is the formal application for admission to the program. The four performance assessment levels are described in detail in the *Teacher Preparation Handbook*, available on the School of Education Web site 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 education if continuing assessments by the School of Education faculty determines that the student is failing to meet acceptable professional and personal standards specified in the teacher education preparation program.

REQUIREMENTS FOR PRE-ADMISSION

- Overall GPA of 2.5 is required for admission to EDUC 2100, 2101, 2102, 2110.
- Enrollment in EDUC 2000.
- Declaration of education teaching major.
- Submission and verification of a full criminal history check. Fees are the responsibility of the student.

REQUIREMENTS FOR APPLICATION AND ADMISSION

- Elementary education majors must apply and be admitted to the teacher education preparation program before enrolling in EDUC 3200.
- Senior high/middle school education majors must apply and be admitted to the teacher education preparation program before enrolling in EDUC 3000.
- 2.50 GPA overall, in the major content area, and in professional education courses.
- Any of the following courses completed with a grade less than C must be repeated: any EDUC course; any SPED course; ENGL 1100, 1110, 1120; MATH 1100, 1110; SPCH 1000.
- Favorable recommendations from the education faculty, the dean of students, and the student's major department adviser (senior high/middle school).
- Satisfactory completion of an assessment of written and oral communication skills.

- Acceptable state passing scores on the PRAXIS I (pre-professional skills test). Test fees are the responsibility of the student.
- Submission and verification of a full criminal history check. Fees are the responsibility of the student.

PROFESSIONAL SEMESTER — REQUIREMENTS FOR APPLICATION

- Elementary education majors must apply and be admitted to the professional semester before enrolling in EDUC 2750, 4010, 4020, 4110, 4120.
- Senior high/middle school education majors must apply and be admitted to the professional semester before enrolling in EDUC 4030, 4040, 4110, 4710.
- Maintain a GPA of 2.75 overall, in professional education courses, and in the major 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 PRAXIS II (specialty tests). Test fees are the responsibility of the student.
- Submission and verification of a full criminal history check. Fees are the responsibility of the student.

RECENT CHANGES IN ACADEMIC REQUIREMENTS

Since 2004, several changes in academic requirements for teacher candidates have been implemented:

- **GPA Policy for Teacher Education Majors:** 2.50 GPA overall for majors declared Semester I, 2004-05 and thereafter.
- **GPA Policy for Student Teaching Professional Semester Application** (Semester I, 2004-05 and thereafter): 2.75 GPA overall in professional education courses and in the major.
- **Minimum Grade Policy** (for majors declared Semester I, 2004-05 and thereafter): Grade of C or better in all professional education courses; in ENGL 1100, 1110, 1120; in MATH 1100, 1110 (*for elementary majors only*); and in SPCH 1000.

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 experience is 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

Taken during the final semester, 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 public school personnel. Students may choose from three semesters in which to student teach: fall, spring, or summer (in a year-round school). Students are discouraged from employment on or off campus during their student teaching semester. Students must pass both PRAXIS I and II prior to student teaching. Students are responsible for all fees associated with the PRAXIS tests.

INTERNATIONAL AND URBAN STUDENT TEACHING PLACEMENTS

International and urban student 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 or an urban environment. 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 Education, 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 200 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 across the United States and in South America, Asia, Africa, Europe, the Middle East, Australia, and New Zealand. The International Education 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 or Chicago urban student teaching placements.

Special Education (Grades K-6)

Under the title of **Elementary and Special Education Dual Licensing Program**, teacher education students seeking a teaching license in special education will also major in elementary education. The dual licensing program is designed to prepare teacher education students to work with children of special needs who participate in inclusionary classrooms and require mild levels of support or mild interventions to be successful. Students will receive a Special Education Exceptional Needs, Mild Intervention (MI) license. Students completing this sequence of courses will work specifically with students with learning disabilities, mild mental disabilities, emotional disabilities,

orthopedic disabilities, and others who require mild interventions. This combination of special education and elementary major prepares students well for the competitive job market. This program does not prepare students for severe and profound classrooms.

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." Students will reach that goal by acquiring requisite knowledge, skills and competence in each of the following areas:

1. Curriculum: Age-appropriate curriculum including assessment, development of goals and objectives, teaching procedures, ongoing evaluation, and instructional decision making based on data, and school and community environments.
2. Inclusion strategies: monitor and evaluate individual and group program strategies appropriate to inclusive/integrated environments.
3. Classroom management and organization, positive approaches for managing challenging behaviors.
4. Collaboration: Serving as a member of educational teams, working with families, and transition and life planning for students.

Education Teaching Majors

ELEMENTARY EDUCATION — Grades K-6

Includes licensing as a generalist with developmental areas of early childhood (grades K-2) and middle childhood (grades 3-6). Students may add courses to become licensed as an early adolescent generalist (grades 6-8) in two of the following areas: mathematics, science, language arts, and social studies.

ELEMENTARY EDUCATION MAJOR (45-49 hours)

- EDUC 2000, 2030, 2101, 2110, 2400, 2420, 2730, 2750, 3120, 3200, 3300, 4110, 4120, 4310, 4320
- Student teaching (8-12 hours): EDUC 4010, 4020

Additional courses required for kindergarten licensing: EDUC 2170, 2250

Additional courses required for special education licensing: SPED 2200, 2300, 2400, 3000, 3120, 4120, 4200

ELEMENTARY EDUCATION COGNATE (17 hours)

- ARTS 3500; BIOL 1000; CPSC 1200; MUED 2110; PEHS 3010; POSC 2080

SPECIAL EDUCATION COGNATE (16 hours)

- ARTS 3500; BIOL 1000; MATH 1110; PEHS 3220; POSC 2080

SENIOR HIGH/MIDDLE SCHOOL — Grades 6-12

Includes licensing in a specific content area and developmental areas of early adolescence (middle

school, grades 6-8) and adolescence/young adult (high school, grades 9-12). 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 (33-38 hours)

- EDUC 2000, 2110, 2400, 2420, 3000, 3100, 3120, 4110, 4710
- EDUC 2100 or 2102
- Student teaching (8-12 hours): EDUC 4030, 4040
- 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.

- **French Teaching Major** (*Modern Foreign Languages*)
- **Language Arts Teaching Major** (*English*)
- **Mathematics Teaching Major** (*Mathematics*)
- **Music Education Major: Grades K-12** (*Music*)
- **Physical Education Major: Grades K-12** (*Kinesiology*)
- **Social Studies Teaching Major** (*History and Political Science*)
- **Spanish Teaching Major** (*Modern Foreign Languages*)
- **TeachScience Complementary Teaching Major**
(*Biology; Chemistry and Physics*)
- **Theatre Arts Teaching Major** (*Communication*)
- **Visual Arts Education Major: Grades K-12** (*Art and Design*)
- **Visual Arts Education Major: Grades 6-12** (*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 do not satisfy teacher education licensing requirements for the State of Indiana. To apply for the major, students must submit a letter to the dean of the School of Education indicating why the typical major is not consistent with their career goals. Approval will be given only to students not seeking a teaching license.

EDUCATION (NON-LICENSE) MAJOR

- 24 hours (subject to change) from approved School of Education courses

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; be aware of and able to evaluate one's personal learning characteristics; 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 to all education courses in professional sequence. LiveText Portfolio purchase required.
- 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 and tutoring of public school children are part of the course activities. Field experiences required. Grade of C or better required. **EXPECTATION:** 2.60 GPA overall. **PREREQUISITE:** MATH 1100, 1110; EDUC 2000; 2101 or 2102; 2110.
- 2100 Life Span: 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. School-related contemporary issues such as drug and alcohol abuse, vandalism, and child abuse are examined. Required of all visual arts education, physical education, and music education majors. Grade of C or better required. **EXPECTATION:** 2.50 GPA overall; teaching major. **PREREQUISITE:** ENGL 1110; SPCH 1000; EDUC 2000.
- 2101 Child Development: Early and Middle Childhood Focus** **2 hrs. (2, 0)**
Primary focus on characteristics of growth and development of children from birth through middle childhood, including physical, psychological, social, cognitive, and emotional aspects, as related to the practice of education. The effects of diversity of ethnicity, race, class, gender, sexual orientation, and culture on development will also be explored. Required of all education majors. Grade of C or better required. **EXPECTATION:** 2.50 GPA overall; teaching major. **PREREQUISITE:** ENGL 1110; EDUC 2000.
- 2102 Adolescent Development: Middle and High School Focus** **2 hrs. (2, 0)**
Characteristics of growth and development of adolescence through young adulthood including physical, psychological, social, cognitive, and emotional aspects is the primary focus of this course. School-related contemporary issues such as drug/alcohol abuse, vandalism, and child abuse are examined. Required of all education majors. Grade of C or better required. **EXPECTATION:** 2.50 GPA overall; teaching major. **PREREQUISITE:** ENGL 1110; EDUC 2000.
- 2110 Educational Psychology: Learning in the Schools** **3 hrs. (3, 0)**
Introduces preservice teachers to the psychological principles that govern teaching and learning. Students will explore and develop an understanding of the major learning theories and motivation. Students will also acquire practical educational experiences through participant observations in the classroom. Required of all education majors. Grade of C or better required. **EXPECTATION:** 2.50 GPA overall; teaching major. **PERMISSION:** Department. **PREREQUISITE:** ENGL 1110; EDUC 2000.
- 2170 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. **EXPECTATION:** Admission to the teacher education program; 2.50 GPA overall. **PREREQUISITE:** EDUC 2000, 2101, 2110. **COREQUISITE:** EDUC 2250, 2400. **SAME AS:** CMIN 2170.

- 2250 Practicum in Family, Child, and School Interaction** **2 hrs (0, 2)**
Grade of C or better required. **EXPECTATION:** 2.50 GPA overall. **PERMISSION:** Instructor. **PREREQUISITE:** ENGL 1110; EDUC 2000, 2101, 2110. **COREQUISITE:** EDUC 2170, 2400.
- 2400 Foundations of Exceptional Learners** **2 hrs. (2, 0)**
Designed to provide the preservice teacher with introductory knowledge of students with disabilities. The course will review the definitions of the various exceptionalities, learning and behavior characteristics, the legal basis for the education of students with disabilities, and interventions and educational modifications useful in providing education at both the elementary and secondary levels. The course is also designed to encourage students to become sensitive to the diversity of students that constitute both special and regular education. Required course for all education majors. Grade of C or better required. **EXPECTATION:** 2.50 GPA overall. **PREREQUISITE:** EDUC 2000; 2101 or 2102; 2110.
- 2420 Teaching in a Multicultural Classroom** **2 hrs. (2, 0)**
Emphasis on factors which influence behavior of ethnic and cultural group members in schools and educational settings. Primary focus is placed on the specific strategies for accommodations of instruction and current practices designed to meet the needs of all students in the regular classroom. Credit for EDUC 2420 may be earned by completing pre-approved international teaching experiences. Required course for all education majors. Grade of C or better required. **EXPECTATION:** 2.50 GPA overall. **PREREQUISITE:** EDUC 2000; 2101 or 2102; 2110; SOCI 3400.
- 2720 Field experiences in Middle School** **1 hr. (0, 2)**
Required of all students in senior high/middle school program and middle school endorsement students. Grade of C or better required. **EXPECTATION:** Admission to the teacher education program; 2.50 GPA overall. **PREREQUISITE:** EDUC 2420. **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. **EXPECTATION:** 2.50 GPA overall. **COREQUISITE:** EDUC 3300.
- 2750 Pre-Student Teaching Field Experience** **2 hrs. (0, 30)**
Required of all education majors. Observation and participation in public school. Grade of C or better required. Admission to professional semester required. **EXPECTATION:** 2.75 GPA overall; teaching major. **PREREQUISITE:** Senior standing. **COREQUISITE:** EDUC 4110, 4120.
- 3000 Teaching Literacy Skills in Middle and High School Content Areas** **3 hrs. (3, 0)**
Designed to address “reading across the content” literacy issues in classrooms at the secondary school level. In this course, students will examine current research and instructional approaches which focus on improving adolescent and young adult literacy skills including, identification of reading demands in content areas, development of instructional activities to improve reading and range of student abilities, use of reading/writing/thinking activities in daily instruction, and exploration of reading research. This Internet-based education class is conducted in a unique learning environment that combines the use of the Web, e-mail, conferencing systems, and other technologies to create a dynamic and interactive learning experience. Grade of C or better required. Admission to the teacher education program required. **EXPECTATION:** 2.60 GPA overall. **PERMISSION:** Department.

- 3100 The Middle School in the United States** **2 hrs. (2, 0)**
Strategies for meeting the special needs of the early adolescent student. Physical, emotional, intellectual changes prompt the teacher to use developmentally appropriate instruction in order to motivate students to achieve. Teaching methods such as real life situations, cooperative learning, and hands-on experiences are emphasized. Included are historical patterns and philosophy of the middle school movement with the primary focus on teaching this age group. Field experiences required. Grade of C or better required. Admission to the teacher education program required. **EXPECTATION:** 2.60 GPA overall. **PERMISSION:** Department. **PREREQUISITE:** EDUC 2420. **COREQUISITE:** EDUC 2720.
- 3120 Educational Assessment for the Classroom Teacher** **3 hrs. (3, 0)**
Integrating classroom assessment and instruction to improve student learning. Covers basic concepts of quality assessment including validity and reliability. Emphasis is placed on a variety of assessment tools that can be used in the classroom, and use of data to inform curriculum and instruction. Grade of C or better required. Admission to the teacher education program required. **EXPECTATION:** 2.60 GPA overall.
- 3200 Elementary Developmental Reading Methods** **3 hrs. (3, 1)**
Organization, implementation and evaluation of elementary 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 tutoring/teacher aide assignments in grades 1-6. Portfolio artifacts required. Grade of C or better required. Admission to the teacher education program required. **EXPECTATION:** 2.60 GPA overall. **PERMISSION:** Department. **COREQUISITE:** EDUC 2730, 3300.
- 3300 Reading Processes with Assessment and Intervention** **2 hrs. (2, 0)**
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. **EXPECTATION:** 2.60 GPA overall. **COREQUISITE:** EDUC 2730, 3200.
- 3500 Leadership in Character Education** **2 hrs. (2, 1)**
Provides an introduction to the theoretical and practical knowledge and skills of character education. A framework for implementing character education in the classroom and school will be explored. This course fulfills one component for students to earn a “specialization” in character education. Open to non-education majors. **PREREQUISITE:** EDUC 2170, 3100.
- 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. Required for those wishing to student teach overseas. Grade of C or better required. **EXPECTATION:** 2.60 GPA overall. **PREREQUISITE:** EDUC 2170, 2420, 3100; SOCI 3400. **OFFERED:** Summer Session I.
- 3590 Experiencing 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. **SAME AS:** ENGL 3590.
- 4010 Student Teaching — Elementary (Preschool-Grade 2)** **4-12 hrs. (1, 30)**
Observation, participation teaching in the elementary school setting for 8-16 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. **EXPECTATION:** Passing Praxis II scores; 2.75 GPA overall and in major and professional education courses. **PERMISSION:** Department. **PREREQUISITE:** Completion of 104 hours; senior standing.

- 4020 Student Teaching — Elementary (Grades 3-6)** **4-12 hrs. (1, 30)**
 Observation, participation and teaching in the elementary school setting for 6-16 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. **EXPECTATION:** Passing Praxis II scores; 2.75 GPA overall and in major and professional education courses. **PERMISSION:** Department. **PREREQUISITE:** Completion of 104 hours; senior standing.
- 4030 Student Teaching — Middle School/Jr. High (Grades 6-8)** **4-12 hrs. (1, 30)**
 Observation and teaching in the middle school setting for 6-16 weeks on full-day basis; part of professional semester. A student-teaching fee is required. Grade of C or better required. Admission to professional semester required. **EXPECTATION:** Passing Praxis II scores; 2.75 GPA overall and in major and professional education courses. **PERMISSION:** Department. **PREREQUISITE:** Completion of 104 hours; senior standing.
- 4040 Student Teaching — Senior High (Grades 9-12)** **4-12 hrs. (1, 30)**
 Observation and teaching in senior high school setting for 6-16 weeks on full-day basis; part of professional semester. A student-teaching fee required. Grade of C or better required. Admission to professional semester required. **EXPECTATION:** Passing Praxis II scores; 2.75 GPA overall and in major and professional education courses. **PERMISSION:** Department. **PREREQUISITE:** Completion of 104 hours; senior standing.
- 4110 Trends and Issues in Education** **2 hrs. (2, 0)**
 Review of the development of the philosophic beliefs underlying the democratic school system and its objectives. This special topics course focuses on trends and issues in public policy and issues in education. Emphasis is on education reform and increased effectiveness of public education designed to enhance student learning. Presented in a seminar format, this course draws heavily upon reading, writing, research, and oral communication skills. Grade of C or better required. Admission to professional semester required. **EXPECTATION:** 2.75 GPA overall and in major and professional education courses. **COREQUISITE:** EDUC 4710 or 4120.
- 4120 Organization and Management for the Elementary Classroom** **2 hrs. (2, 2)**
 Culminating experience designed to integrate the specific skill of teaching into an organized approach and comprehensive model in the elementary classroom. Focus is on effective skills for creating and maintaining effective learning environments. Program portfolio presentation required. Required for elementary education majors. Grade of C or better required. Admission to professional semester required. A fee is attached to this class. **EXPECTATION:** 2.75 GPA overall and in major and professional education courses. **PERMISSION:** Department. **COREQUISITE:** EDUC 4110, 2750.
- 4310 Integrated Teaching: Language Arts and Social Studies** **4 hrs. (4, 2)**
 Integrative approach to the teaching of language arts and social studies in the classroom. Using children's literature as a framework, students develop curriculum, instructional, and assessment strategies that are research-based and framed within national and state standards. Emphasis is placed on differentiation of learning to meet individual student needs. Portfolio artifacts required. Grade of C or better required. Admission to the teacher education program required. May not be taken concurrently with EDUC 4320. **EXPECTATION:** 2.75 GPA overall and in major. **PREREQUISITE:** EDUC 3200, 3300.

- 4320 Integrated Teaching: Math, Science, and Technology** 4 hrs. (4, 2)
Knowledge bases for designing and implementing an integrative approach to science, math, and the use of technology in curriculum activities. Emphasizes constructivist perspectives of teaching and learning using national and state standards curriculum through the integration of math, science, and technology. Portfolio artifacts required. Field experiences required. Grade of C or better required. Admission to the teacher education program required. May not be taken concurrently with EDUC 4310. **EXPECTATION:** 2.75 GPA overall and in major. **PREREQUISITE:** EDUC 2030, 3200, 3300.
- 4650 Seminar in Education Field Experiences** 1-6 hrs. (arranged)
Meets special needs for independent study and internship in professional education. Field experience (4-6 hours) requires student teaching fee. Grade of C or better required. **PERMISSION:** Department chair. **PREREQUISITE FOR FIELD EXPERIENCES:** EDUC 2170, 3000, 3300.
- 4710 Management, Organization, and Methods in the Secondary Classroom** 4 hrs. (2, 3)
Strategies for meeting the special needs of early adolescent/young adult students. Physical, emotional, and intellectual changes prompt the teacher to use developmentally appropriate instruction in order to motivate students to achieve. Teaching methods such as real life situations, cooperative learning, and hands-on experiences are emphasized. Primary focus on how to teach this age group. Also includes historical patterns and philosophy of the middle school movement. Portfolio presentation required. Required of all senior high/middle school majors. Grade of C or better required. Admission to professional semester required. A fee is attached to this class. **EXPECTATION:** 2.75 GPA overall and in major and professional education courses. Taken concurrently with departmental 4700. **PREREQUISITE:** Senior standing. **COREQUISITE:** EDUC 4110.

SPED COURSES

- 2200 Practicum: Assisting in the Special Education Classroom** 2 hrs. (0, 30)
Supervised experience in inclusive classrooms. Students work under the supervision of collaborating teachers and university supervisors. Experience includes students with disabilities in the general classroom environment and in a resource room setting. **EXPECTATION:** 2.50 GPA overall. **PREREQUISITE:** EDUC 2000; 2101 or 2102.
- 2300 Families, Teachers, and Collaboration: Family Immersion** 3 hrs. (2, 1)
Provides collaborative skills to work with families and other professionals. Focuses on collaboration, understanding families, family support, and communication. Emphasizes the changing demographics and definitions of families and the implications these changes have for effectively involving others in decision-making for exceptional learners. **EXPECTATION:** 2.50 GPA overall. **PREREQUISITE:** EDUC 2000; 2101 or 2102; 2110. **COREQUISITE:** SPED 2200.
- 2400 Introduction to Individuals with Learning Disabilities** 3 hrs. (3, 1)
Introduction and overview of characteristics of all exceptionalities and educational and behavioral adaptations for exceptional students. Includes characteristics of learning disabilities, emphasizing language and processing deficits and their interference with academic achievement and social relationships, and assessment and intervention approaches for students with learning disabilities and trends. Topics include the historical background, definition, and theories of cognitive processing differences; and social/communication disorders in students with learning disabilities. **EXPECTATION:** 2.50 GPA overall. **PREREQUISITE:** EDUC 2000; 2101 or 2102; 2110.
- 2500 Assistive Technology** 3 hrs. (3, 0)
Overview of a wide range of assistive technology devices and services for individuals with

moderate, severe, or multiple disabilities. Demonstration of devices, laboratory experience, and identification of funding resources. Students explore significant issues regarding equity and access for people with disabilities in schools and practical issues regarding professional development in the area of technology. **EXPECTATION:** 2.50 GPA overall. **PREREQUISITE:** SPED 2200, 2300, 2400; EDUC 2000; 2101 or 2102. **OFFERED:** Not offered every semester.

- 3000 Classroom Instruction for Mild Disabilities** **3 hrs. (3, 1)**
Provides an overview of curriculum and instruction methods for students with mild disabilities. Methods and techniques of effective teaching include organizing the classroom environment for different learning styles, behavior modification, self-management techniques, and assessment. Grade of C or better required. Admission to the teacher education program required. **EXPECTATION:** 2.60 GPA overall. **PREREQUISITE:** SPED 2200, 2300, 2400; EDUC 2000; 2101 or 2102; 2110.
- 3120 Special Education Assessment for the Classroom Teacher** **3 hrs. (3, 1)**
Designed to plan and develop developmentally appropriate instruction. A study 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, and the development of appropriate educational goals and objectives. Emphasis on assessment of student programs using both standardized and non-standardized instructions. Grade of C or better required. Admission to the teacher education program required. **EXPECTATION:** 2.60 GPA overall. **PREREQUISITE:** SPED 2200, 2300, 2400; EDUC 2000; 2101 or 2102; 2110.
- 4120 Classroom Management of Exceptional Students** **3 hrs. (2, 30)**
Provides effective strategies for classroom management and organization designed to improve student learning, teacher effectiveness, and prevent management problems. Focus is on theoretical and practical approaches to classroom management, organization, and discipline. Grade of C or better required. Admission to the teacher education program required. **EXPECTATION:** 2.75 GPA overall. **PREREQUISITE:** SPED 2200, 2300, 2400; EDUC 2000; 2101 or 2102; 2110.
- 4200 Legal Issues in Special Education** **3 hrs. (3, 0)**
Introduction to history, federal and Indiana laws, and trends in special education pertaining to teachers, administrators, and parents. Includes 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 education program required. **EXPECTATION:** 2.75 GPA overall. **PREREQUISITE:** SPED 2200, 2300, 2400; EDUC 2000; 2101 or 2102; 2110.

English

Dr. Radaker, chair; Dr. Borders, Dr. S. Clark, Prof. Dickerson, Prof. Imafuji, Prof. Landis, Prof. Miller, Prof. Noble, Prof. Poikonen, Prof. Spaulding; Prof. R. Clark, Prof. Fischer, Prof. Gillette, Prof. Shively

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
- Up to 6 hours from ENGL 4000
- One course from each group:
 - British Literature to 1660: ENGL 3300, 3320, 3340
 - British Literature after 1660: ENGL 3360, 3390, 3450
 - Genre Studies: ENGL 4250, 4450
 - American Literature I: ENGL 3500, 3550
 - American Literature II: ENGL 4500, 4550

ENGL 1100, 1110, 1120, 1400, 2500, 2510 and 4700 do not apply toward the major.

ENGLISH MINOR (15 hours)

- One course from each group:
 - World Literature: ENGL 3220, 4250
 - British Literature courses listed for the major
 - American Literature courses listed for the major
 - 3000-level writing courses

ENGL 1100, 1110, 1120, 1400, 2500, 2510 and 4700 do not apply toward the minor.

LANGUAGE ARTS TEACHING MAJOR (49-50 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 (33 hours)

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

ENGLISH OPTION (16 hours)

- Two courses from British literature: ENGL 3300, 3320, 3340, 3360, 3390, 3450, 4450
- Two courses from American literature: ENGL 3500, 3550, 4500, 4550

COMMUNICATION STUDIES OPTION (17 hours)

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

WRITING

The writing major and writing minor are designed to allow students to emphasize either creative writing or non-creative writing. The writing major and writing minor may complement any major, 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 (26 hours)

- 18-20 hours from ENGL 2500, 2510, 3000, 3110, 3120, 3160, 3180, 3190, 3870, 4920
- 6-8 hours from ENGL 3450, 3550, 3580, 4000, 4250, 4500, 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, 3160, 3180, 3190, 3870, 4920
- COMM 2130 or FREN 3240 or SPAN 3010 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.

EXPECTATION: Placement based on performance on the English Placement Essay.

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. Supplements attention to sentence style, diction, and usage through tutorial instruction in the Kissinger Learning Center. Grade of C- or better is required. **EXPECTATION:** Placement based on performance on the English Placement Essay.

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, or placement by performance on the English Placement Essay.

- 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 selected works in English, American, and world literature designed 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 and 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. **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 English Grammar** **3 hrs. (3, 0)**
Compares and studies traditional, structural, and transformational English grammars. Recommended for elementary majors and required of secondary education majors. **PREREQUISITE:** ENGL 1120.
- 3050 History of the English Language** **3 hrs. (3, 0)**
Investigates origins and development of English language. Particular emphasis on social and political forces that have influenced the language. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2006-07.
- 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. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2006-07.
- 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. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2007-08.
- 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. **OFFERED:** 2007-08.
- 3180 Advanced Composition: Nonfiction** **3 hrs. (3, 0)**
Enhances and refines expository writing skills by examining and practicing processes of

nonfiction writing and the variety of “forms” that are available to nonfiction writers. Matters of style and voice will be examined closely. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2007-08.

- 3190 Advanced Composition: Argument** **3 hrs. (3, 0)**
Examines skills and techniques involved in the process of argument, including appeals to reason, emotion, and/or to a sense of ethics. Awareness of the craft of argument is applied to students’ writing endeavors. Proper research and documentation, audience accommodation, style, organization, and revision will be examined. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2006-07.
- 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:** RLGN 3200.
- 3220 Global Literature** **3 hrs. (3, 0)**
Surveys representative twentieth-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:** 2008-09.
- 3320 Shakespeare** **4 hrs. (4, 0)**
Analyzes several representative dramas chosen from each of the subgenres — history, comedy, romance, and tragedy — and from each period in Shakespeare’s artistic development. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2007-08.
- 3340 The Renaissance in England** **4 hrs. (4, 0)**
Surveys the literature of the English Renaissance. Representative writers include Marlowe, Sidney, Spenser, Donne, Jonson, Marvell, Bacon, and Hobbes, with special emphasis on John Milton. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2006-07.
- 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:** 2010-11.
- 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:** 2006-07.
- 3450 British Literature of the Twentieth Century** **4 hrs. (4, 0)**
Surveys British literature from World War I to the present. Includes works from novelists such as Woolf, Joyce, Green, Murdoch, Fowles; dramatists such as Shaw, Pinter, Beckett, Osbourne, Shaffer; and poets such as Yeats, Auden, Hughes, and Heaney. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2007-08.
- 3500 American Literature to 1865** **4 hrs. (4, 0)**
Explores the Puritan, regional, and colonial voices of early American literature (1620-1820) and the developing dialectic between the philosophy and aesthetics that inform the positive Romanticism of Emerson, Thoreau, and Fuller, and the dark Romanticism of Poe, Hawthorne, and Melville. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2007-08.

- 3550 American Literature from 1865 to 1945** 4 hrs. (4, 0)
Examines the major literary developments and the philosophical or social perspectives within American literature from the Civil War to World War II. Includes works of Twain, James, Crane, Chopin, Wharton, Cather, Anderson, Fitzgerald, Hemingway, and Faulkner. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2006-07.
- 3580 American Authors of Color** 3 hrs. (3, 0)
Examines literary texts, themes, and techniques of contemporary American minority writers. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2007-08.
- 3590 Experiencing 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:** 2006-07. **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 women writers, African-American literature, environmental literature, literature of the American South, and non-Western literature. **PREREQUISITE:** ENGL 1120. **REPEAT:** May be repeated. Total credit not to exceed 6 hours.
- 4200 The Age of Modernism** 4 hrs. (4, 0)
Surveys boldly experimental modernist movement, its 19th-century origins, and manifestations in art forms other than literature, from 1900 to 1940, with readings in Joyce, Proust, Mann, Eliot, and Woolf.
- 4250 Modern Drama** 4 hrs. (4, 0)
Surveys major movements in British, American, and Continental drama from 1870 to present — realism, naturalism, symbolism, expressionism, theatre of the absurd — with readings from Ibsen, Chekhov, Shaw, Pirandello, Beckett, Williams, Miller, Pinter, Hansberry, Wilson, and others. Emphasis on interplay of theory, stage technique, dramatic form, and theme. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2007-08.
- 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:** 2006-07.
- 4500 Contemporary American Fiction** 4 hrs. (4, 0)
Surveys American fiction since 1945 against broad intellectual, philosophical, scientific, and social issues of its time that have shaped form and supplied content. Writers include Salinger, Updike, Bellow, Vonnegut, Morrison, Robbins, and Shields. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2007-08.
- 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:** 2006-07.

- 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 SPCH 4750. **OFFERED:** Semester I.
- 4920 Seminar in Writing** **3 hrs. (3, 0)**
 Encourages further refinement of the student's voice and style by way of various genres. In so doing, students revise and refine their work toward publication. **EXPECTATION:** Grade of C or above in ENGL 1120. **PREREQUISITE:** ENGL 1120. **OFFERED:** 2006-07.

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
- Additional requirements for Bachelor of Arts degree:
 - at least 30 hours from upper-division courses
 - at least 60 hours completed at Anderson University

History and Political Science

Dr. Nelson, chair; Dr. Dirck, Dr. Frank (pre-law adviser), Dr. Murphy, Dr. Shrock, Prof. Rogers, Prof. Stuart

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 MAJOR (30 hours)

- HIST 2030, 2040
 - 3 hours from HIST 3000
 - 3-4 hours from: HIST 3300, 3330, 3350
 - 4 hours from: HIST 2110, 2120, 3420, 3430, 3451, 3452
 - 3-4 hours from: HIST 3100, 3110, 3130, 3140, 3150, 3190, 3280
- HIST 4700 does not apply toward the major.*

HISTORY MINOR (16 hours)

- At least 8 hours from 3000- and 4000-level courses
- HIST 4700 does not apply toward the minor.*

POLITICAL SCIENCE

The political science program is designed to offer students an opportunity to examine many of the primary areas of this discipline. Courses acquaint students with methods of analysis and useful resources for studying political structures, thought, and behavior. Majors in political science typically pursue careers in law, government service, journalism, and teaching.

Requirements described for political science do not apply to students preparing for secondary teaching. Social studies majors should refer to the Social Studies Teaching section below.

Pre-law students should consult with the pre-law adviser as early as possible.

POLITICAL SCIENCE MAJOR (30 hours)

- POSC 2100
- POSC 3140 or 3150
- POSC 3211 or 3212
- Two courses from: POSC 3300 or 3310; 3330, 3400

Majors are strongly encouraged to take POSC 2440; ECON 2010, 2020; HIST 3000. No more than 5 hours from POSC 2850, 3850, 4850 may be applied toward the major. POSC 2080, 2090 and 4700 do not apply toward the major.

Students interested in a public policy and administration concentration should include the following courses in their major: POSC 2440, 3100, 3200, 3211, 3212; POSC 3140 or 3150. ECON 3110 and upper-division history courses strongly suggested.

Students interested in an international politics concentration should include POSC 2440, 3300, 3310, 3330, and 3400. ECON 3210 and upper-division history courses strongly suggested.

POLITICAL SCIENCE MINOR (16 hours)

- POSC 2100
- At least two courses from POSC 3140, 3200, 3211, 3212, 3300, 3400

No more than 2 hours from POSC 2850, 3850, 4850 may be applied toward the minor. POSC 2080, 2090, 4700 do 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 (52 hours)

- HIST 2700, 4700; POSC 2080
- **Historical Perspectives** (24 hours)
 - 12 hours of U.S. History:
 - HIST 2110, 2120, 3700
 - Remaining hours from: HIST 3420, 3440, 3451, 3452, 3470, 3500
 - 12 hours of World History:
 - HIST 2000, 2030, 2040
 - Remaining hours from: HIST 3000, 3010, 3110, 3130, 3150, 3190, 3260, 3280, 3300, 3320, 3330, 3340, 3350, 3370
- **Government and Citizenship** (11 hours)
 - 11 hours of Political Science from:
 - POSC 2100
 - Remaining hours from POSC 3010, 3140, 3150, 3211, 3212, 3300
- **Third Field** (9 hours)
 - 9 hours in one of the following areas:
 - Economics:
 - ECON 2010, 2020
 - Remaining hours from: ECON 3020, 3210
 - Psychology:
 - PSYC 2000
 - Remaining hours from: PSYC 2510, 3010, 3120, 4110, 4140
 - Sociology:
 - SOCI 2010
 - Remaining hours from: SOCI 2020, 2200, 2250, 3110, 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.

- 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:** Each semester.
- 2040 Western Civilization II** **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. Examines the period from 16th century to the present. **OFFERED:** Each semester.
- 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.
- 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.
- 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.
- 3000 Historical Inquiry** **3 hrs. (3, 0)**
Examines various approaches to historical research, major bibliographic tools, varieties of history and philosophies of history. **PREREQUISITE:** Upper-division standing.
- 3010 History of Political Thought** **3 hrs. (3, 0)**
Examination of major works in the development of political thought from Plato to the mid-20th century. **SAME AS:** PHIL/POSC 3010.
- 3020 Development of American Thought** **4 hrs. (4, 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/POSC 3020.
- 3100 Ancient History** **3 hrs. (3, 0)**
Study of ancient Greek and Roman civilizations.
- 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, and intellectual life of early modern Europe from 14th century to 1648.
- 3140 History and Culture of Eastern Europe, 1792 to Present** **4 hrs. (4, 0)**
Examines the history and future of Eastern Europe and Russia during the 19th and 20th centuries. Special attention paid to the intersection of nationalism and economic change with the evolution of political structures within the region.
- 3150 Europe since 1870** **4 hrs. (4, 0)**
Political, economic, and intellectual developments in recent Europe.
- 3190 Jewish Holocaust and its Historical Context** **4 hrs. (4, 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** **4 hrs. (4, 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.”
- 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 nineteenth 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 several religions. Islam, Taoism, Buddhism, Jainism, Hinduism, Judaism, Christianity, and other selected religions are compared and contrasted thematically and structurally. **PREREQUISITE:** Upper-division standing. **SAME AS:** RLGN 3320.
- 3330 History of Modern China** **4 hrs. (4, 0)**
 China in the 19th and 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** **4 hrs. (4, 0)**
 Brief survey of earliest cultural and historical traditions. Focus on Japan in post-1600 Tokugawa, Meiji, and 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 U.S. in shaping the current socioeconomic situation.
- 3420 American Religious History** **4 hrs. (4, 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.
- 3440 Civil War and Reconstruction** **4 hrs. (4, 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 U.S. from the Gilded Age to 1945** **4 hrs. (4, 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 U.S. from 1945 to the Present** **4 hrs. (4, 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** **4 hrs. (4, 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.
- 3500 The Constitution and the American Nation** **4 hrs. (4, 0)**
Traces the growth and development of the American Constitution, from its roots in the American Revolution to present day. Specific topics to be addressed include the legacy and intellectual world of the Founding Fathers, the development of federal power, ongoing American debates concerning state's rights, and the origins and development of the Bill of Rights. **PREREQUISITE:** Upper-division standing.
- 3700 Issues in Social Studies** **2 hrs. (2, 0)**
A comprehensive review of subject matter in U.S. and world history. Emphasizes the development of pedagogical and research skills that will enhance the student's ability to acquire, synthesize, and present historical information in a classroom setting. Required of all social studies teaching majors. **PREREQUISITE:** Successful completion of HIST 2030, 2040, 2110, 2120.
- 4010 History of Christianity** **4 hrs. (4, 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:** RLG 4010.
- 4020 Women and Men in America, 1800 to Present** **4 hrs. (4, 0)**
Examines the development of gender identities in early America, the creation of a feminist critique of American society, and the criticisms of feminism mounted by critics of the changing roles and place in American society. Also included will be an examination of the historical development of masculinity and men's roles in the family, the workplace and the public sector. **OFFERED:** Normally offered alternate years.
- 4650 Advanced Readings and Research** **2-3 hrs. (2-3, 0)**
Includes general reading and discussion covering the major or related fields, 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 permission 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.
- 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.

POSC COURSES

- 2050 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.
- 2080 Principles of Geography** **3 hrs. (3, 0)**
 General introduction to the principles of geography. Emphasizes five major themes: topography and spatial perspective; how humans interact with their physical environment; the impact of weather conditions as well as natural and man-made disasters on particular regions; the impact of location on economic and political development; and the interaction between people of different cultures and environments.
- 2090 Cultural and Economic Geography** **3 hrs. (3, 0)**
 Human activities in relation to their natural environment. Emphasizes land use, natural resources and industrial processing, sequent occupance, and settlement patterns.
- 2100 American National Government** **3 hrs. (3, 0)**
 Study of federal government. Examines major structures of American politics, including federalism, Congress, the presidency, courts, bureaucracy, political parties, interest groups, and political behavior of American citizens.
- 2440 Applied Statistics and Introduction to Research** **4 hrs. (4, 0)**
 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.
- 2850 Career Involvement Sequence** **2-12 hrs. (2-12, 0)**
 Creative cluster of individually designed academic and experiential involvement on and off campus that directly relate to the Fellow's professional career area. Each sequence consists of three basic components, including problem solving, policy-making, public policy implementation. **PERMISSION:** Director of the Center for Public Service. **OFFERED:** Each semester.
- 3010 History of Political Thought** **3 hrs. (3, 0)**
 Examination of major works in the development of political thought from Plato to the mid-20th century. **SAME AS:** HIST/PHIL 3010.
- 3020 Development of American Thought** **4 hrs. (4, 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/PHIL 3020.
- 3100 Constitutional Law** **4 hrs. (4, 0)**
 Survey of development of Supreme Court and powers authorized by the Constitution.

Format includes both procedural and substantive law with attention focused on concepts of equal protection and due process.

- 3140 Political Behavior** **4 hrs. (4, 0)**
 A study of political behavior with particular reference to public opinion, political participation, voters, and interest groups.
- 3150 American Political Parties** **4 hrs. (4, 0)**
 An examination of the nature and functions of American political parties within the framework of American government and politics. Emphasis upon the major periods of party development and the dynamics of party realignment.
- 3181 State and Local Government** **3 hrs. (3, 0)**
 An examination of the structure and processes of local and state politics. Particular emphasis is upon the impact of changing emphases in federalism and the responses to substantive issues at these two levels.
- 3200 Public Policy and Administration** **4 hrs. (4, 0)**
 Theory and practice of administration as it relates to formulation and selected policy questions at national, state, and local levels.
- 3211 The Congress** **4 hrs. (4, 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.
- 3212 The Presidency** **4 hrs. (4, 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.
- 3300 Introduction to International Politics** **4 hrs. (4, 0)**
 Introduction to basic concepts and principles of international politics. Also examines problems and international institutions dealing with international stability, conflict, peaceful resolution of disputes, and war.
- 3310 War, Disputes, and Conflict Resolution in International Affairs** **3 hrs. (3, 0)**
 An examination of specific conflicts in international affairs with an emphasis upon those involving serious threats to the outbreak of war. Also studies the institutions and major approaches for the control of violence and achievement of reconciliation. **PREREQUISITE:** Upper-division standing.
- 3330 American Foreign Policy** **4 hrs. (4, 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.
- 3400 Comparative Politics and Government** **4 hrs. (4, 0)**
 Comparative analysis of political institutions and dynamics of selected democratic and non-democratic systems in the north and global south.
- 3850 Career Involvement Sequence** **2-12 hrs. (2-12, 0)**
 Creative cluster of individually designed academic and experiential involvement on and off campus that directly relate to the Fellow's professional career area. Each sequence consists of three basic components, including problem solving, policy-making, public policy implementation. **PERMISSION:** Director of the Center for Public Service. **OFFERED:** Each semester.
- 4650 Advanced Readings and Research** **2-3 hrs. (2-3, arranged)**
 Includes general reading and discussion covering the major or related fields, 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 permission may be given to students in other majors with 3.00 or higher GPAs in their major fields. **PERMISSION:** Department chair. **PREREQUISITE:** Political science major; senior 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:** HIST/SOCI/ECON 4700.
- 4800 Seminar and Internship in Government** **1-4 hrs. (1-4, arranged)**
Actual participation under professional supervision in national, state, or local government. **PERMISSION:** Department chair. **PREREQUISITE:** POSC 2100; at least 8 hours of upper-division POSC courses. **REPEAT:** May be repeated with departmental approval. **OFFERED:** With sufficient demand.
- 4810 Seminar and Internship in Law** **4 hrs. (4, arranged)**
An internship in a law setting that combines experience with a guided tutorial focusing on the distinctions between the theory and practice of the American system of justice. **PERMISSION:** Department chair. **PREREQUISITE:** POSC 2050 or 3100. **OFFERED:** With sufficient demand.
- 4850 Career Involvement Sequence** **2-12 hrs. (2-12, 0)**
Creative cluster of individually designed academic and experiential involvement on and off campus that directly relate to the Fellow's professional career area. Each sequence consists of three basic components, including problem solving, policy-making, public policy implementation. **PERMISSION:** Director of Center for Public Service. **OFFERED:** Each semester.

Honors Program

Dr. Fulkerson and Dr. Murphy, co-directors; Dr. Brooks, Dr. Ippolito, Dr. Lyle-Ippolito, Dr. MacMurray, Dr. Nelson, Dr. Radaker, Dr. Rogers

The Honors Program at Anderson University is devoted to fostering within its honors scholars a passionate dedication to intellectual inquiry and spiritual development, so that 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 2120 fulfills Section II B requirements
- HNRS 2210 fulfills Section IV A requirements
- HNRS 3220 fulfills Section II C and Section III B requirements

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.

2120 Justice and the Good Society: The Issue of Poverty 3 hrs. (3, 0)
Investigates societal structures and concepts of justice arising from such structures.

2210 Scientific Discoveries and Paradigm Shifts 4 hrs. (3, 3)
Examines the nature of science, the history and philosophy of science, and the experiential, hands-on practice of science.

3220 The Scholar as Citizen of the World: Traditionalism and Globalization 5 hrs. (5, 0)
Examines the bridges and barriers among various cultures of the world and the major artistic expressions of those cultures.

International Education

Prof. Kant, director

International education is a complementary major that allows academic work in a wide variety of fields dealing with the international realm. The program is tailored individually and builds on a regular catalog major in fields such as one of the foreign languages, economics, history, political science, or sociology. Additional courses focused on specific goals in international education are added to this base from INED and other departments. Thus, students with interests in such diverse areas as international business, teaching, ministry and missions, and the travel industry can formulate a program of study designed to serve their specific needs and interests. The individualized structure of the major will prepare students for entry into careers or graduate schools.

Students must obtain written statements of their programs before embarking on this course of study. The construction of individual requirements in international education must involve the active collaboration of the director of international education, the student, and a faculty adviser in the basic field of study. Students will draw upon the resources of several departments and travel and internship possibilities available through the Tri-S program.

INTERNATIONAL EDUCATION COMPLEMENTARY MAJOR (26 hours)

- 12-14 hours from INED 3500, 4700; COMM 3110; POSC 3300
- Remaining hours from related courses intended to complement the student's cross-cultural and international academic interests. Courses must be approved by the director of international education.

Students are strongly encouraged to incorporate a study abroad or international internship in the major.

The international education complementary major is offered only in conjunction with a primary catalog major. No more than 4 hours of liberal arts courses may count toward the major and no more than 15 hours may be common to both the student's primary major and the international education major.

INED 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 of cross-cultural interaction.
- 2410 International Relations** **3 hrs. (3, 0)**
Introduction to basic concepts of international relations and survey of some major problems of international society in the 20th century. Includes consideration of infrastructure of internationalism, utilizing international experience of faculty, students, and campus guests.
- 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 context of purposeful international travel.
- 3500 Practicum in Service Experiences** **1-4 hrs. (arranged)**
Preparation and participation in service and intercultural activities. **PERMISSION:** Instructor. **REPEAT:** May be repeated. Total credit not to exceed 8 hours.
- 4700 International Education Internship** **1-6 hrs. (arranged)**
Intensive course of research, preparation, and/or involvement designed to augment training of students planning international careers.

Kinesiology

Dr. Hull, chair; Prof. Bakewell, Dr. Brandon, Prof. Gray, Dr. D.L. Jones, Prof. Judge, Dr. Mazzetti, Dr. Popp, Prof. Risinger, Dr. Scott, Dr. Seelbach; Instructors: Cullen, Hammel, Hankemeier, Hippensteel, Dr. J.W. Jones, McCord, Miller, Reed, Slyder, Taylor, Whirry, Wilson

The Department of Kinesiology offers professional programs designed to prepare students to enter careers, vocations, or service in athletic training, exercise science, health, physical education, and coaching. Majors are available in teaching and non-teaching tracks. Minors are available in non-teaching tracks only. Additionally, the department offers activity courses designed to provide instruction in fundamental skills in each sport or activity offered.

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 work in a variety of sports medicine settings. The athletic training curriculum has CAATE accreditation, which allows students to work directly toward 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 PEHS 1460, 1490, 1500, and 2460 with a grade of B- or better and have at least 200 clinical observation hours. 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 course work 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 will be prohibited from participating in clinical experiences. Satisfactory progress includes:

1. Maintaining a 2.67 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 rotations.

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 may only participate in one sport and may be required to complete an additional semester to fulfill the requirements for all clinical rotations.

For up-to-date information regarding the athletic training education program, please refer to the athletic training website at www.anderson.edu/athletics/ausm, consult the *Athletic Training Student Handbook*, or contact the athletic training education program director.

ATHLETIC TRAINING MAJOR (56 hours)

- PSYC 2000
- BIOL 2410, 2420
- PEHS 1460, 1490, 1500, 1730, 2400, 2420, 2460, 2500, 2580, 3300, 3400, 3450, 3460, 3500, 3550, 3770, 4120, 4400, 4450, 4500, 4550, 4910

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, 1360, 1390, 1450, 2440, 2451, 2452, 2580, 3770, 4010, 4120, 4150, 4160, 4800, 4920
- Pre-professional exercise science majors are advised to complete the following additional courses:
 - CHEM 2110, 2120 in lieu of CHEM 1000
 - MATH 2120 or PSYC 2440
 - PHYS 2240, 2250
 - PSYC 2510, 3120, 4140

ATHLETIC COACHING

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

ATHLETIC COACHING MINOR (17 hours)

- PEHS 1310, 1730, 3710
- 4 hours from PEHS 1450, 1490, 2460
- 6 hours from PEHS 2740, 4200, and any coaching theory course

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)

- At least 13 hours from PEHS courses
- BIOL 2040 may count toward the minor
- PEHS 1000 and 3 hours from the activity program may count toward 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. 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 as well as additional requirements in education (*see School of Education section in this catalog*). Further, students are encouraged to take classes in health to add a health certification to their teaching license. Students are required to present a portfolio of work each year in the program. They are also 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
- PEHS 1170, 1300, 1350, 1450, 2250, 2350, 2380, 3010, 3220, 3250, 3350, 3770, 4120, 4300, 4260, 4590

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 requisite 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

ACTIVITY PROGRAM (PEHS)

- 1050 Bowling** **1 hr. (0, 2)**
EXPECTATION: Fee required. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 1060 Weight Training** **1 hr. (0, 2)**
Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.
- 1100 Beginning Swimming** **1 hr. (0, 2)**
Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.
- 1120 Golf** **1 hr. (0, 2)**
Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.
- 1130 Scuba** **1 hr. (0, 2)**
EXPECTATION: Fee required. **GRADE:** CR/NC registration. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 1150 Badminton** **1 hr. (0, 2)**
Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.
- 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. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 1200 Co-curricular Activity** **1 hr. (0, 2)**
 Provides academic credit for participation in intercollegiate sports activities, including cheerleading. **REPEAT:** May be repeated in a different activity only. Total credit not to exceed 2 hours. Credit must be taken in primary semester of competition. Does not count toward PEHS major or minor. **GRADE:** CR/NC registration. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 1220 Tennis** **1 hr. (0, 2)**
Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.
- 1440 Camping** **1 hr. (0, 2)**
OFFERED: 2007-08. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2000 Intermediate Swimming** **1 hr. (0, 2)**
Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.

- 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. **PERMISSION:** Instructor. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2040 Water Safety Instructor** **1 hr. (0, 2)**
Provides instruction in American Red Cross water safety program which can lead to ARC certification. **EXPECTATION:** Emergency water safety skill and knowledge, and swimming ability at ARC Level VII. **PERMISSION:** Instructor. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*

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. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*

PROFESSIONAL PROGRAM (PEHS)

- 1170 Movement Education** **1 hr. (0, 2)**
Examines movement concepts and how they apply to the physical development of individuals. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 1300 Introduction to Teaching Physical Education** **2 hrs. (2, 1)**
Foundational concepts in physical education teacher education, including historical and philosophical orientations, sub-disciplinary movements, career development, and physical education issues. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 1350 Teaching Team Sports** **3 hrs. (0, 4)**
Development of content knowledge and teaching skills in selected team sports. Emphasis on teaching progressions, rules and strategies, skill assessment, and management. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 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. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 1390 Drugs and Society** **2 hrs. (2, 0)**
Examines appropriate and inappropriate uses of chemical substances common in our society, including substances that are legally available such as alcohol, tobacco, and over-the-counter drugs, as well as those illegally available through a variety of sources. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 1450 First Aid** **2 hrs. (2, 1)**
Students earn American Red Cross Responding to Emergencies certification upon successful completion. Credit may not be earned in both PEHS 1450 and 1460. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*

- 1460 Emergency Response** **2 hrs. (2, 1)**
Students earn American Red Cross certification in emergency response, CPR for the professional rescuer, and AED upon successful completion of the course. Training in 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 1460. **PREREQUISITE:** Athletic training major. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 1490 Athletic Training** **2 hrs. (2, 1)**
Basic prevention and care of athletic injuries. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 1500 Clinical Experience in Athletic Training I** **1 hr. (0, 1)**
Guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries. **PREREQUISITE:** PEHS 1490. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 1730 Theory of Conditioning of Athletes** **2 hrs. (2, 0)**
Physiological background, techniques and methods, and precautions of conditioning athletes. Nutrition, ergogenic aids, gender, age, and climactic issues discussed. **PREREQUISITE:** Athletic training major; PEHS 1460, 1490. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 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 control. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2350 Teaching Individual, Dual, Recreational, and Lifetime Sports** **3 hrs. (0, 4)**
Content knowledge and teaching skills in selected individual, dual, recreational, and lifetime sports.. Emphasis on teaching progressions, rules and strategies, skill assessment, and management. Fee required. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2380 Teaching Dance and Tumbling** **2 hrs. (0, 3)**
Fundamental skills and concepts of rhythms, dance, and tumbling. Safety procedures, skill development, instructional strategies, and assessment are included. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2400 Clinical Experience in Athletic Training II** **1 hr. (0, 1)**
Guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries. **PREREQUISITE:** PEHS 1460, 1490. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2420 Therapeutic Modalities** **3 hrs. (2, 1)**
Students become familiar with common physical therapy modalities and their use in sports medicine. Where applicable, the following will be covered for each modality: physics, biophysics, effects, application techniques, indications, and contraindications. Safety is emphasized during instruction and practical experience. **PREREQUISITE:** PEHS 2460. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2440 Stress Management** **2 hrs. (2, 1)**
Investigation of stressors in the personal, work, and social environments and the interconnect- edness of health and stress. The physiological aspects of the stress response are discussed and various coping strategies for stress management are explored. **PREREQUISITE:** Sophomore stand- ing. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*

- 2451 Foundations for Exercise Leadership I** **1 hr. (1, 1)**
Emphasizes fundamentals necessary to lead effective group exercise activities based on exercise prescription applications. Applicable teaching methodology in various activity and lecture situations will be developed. **PREREQUISITE:** Sophomore standing. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2452 Foundations for Exercise Leadership II** **1 hr. (1, 1)**
A continuation of fundamentals necessary to lead effective group exercise activities based on exercise prescription applications. Applicable teaching methodology in various activity and lecture situations will be developed. **PREREQUISITE:** PEHS 2451. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2460 Advanced Athletic Training** **2 hrs. (2, 1)**
Builds on experiences gained in PEHS 1490. Includes prevention, evaluation, and treatment of athletic-related injuries. Emphasis given to injury assessment and topics related to sports medicine. Examines relationship of athletic trainers in management and care of injuries and their role as professional allied health practitioners. **PREREQUISITE:** PEHS 1490. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2490 Health and Safety Education** **3 hrs. (3, 0)**
Content and methods of health and safety education for public schools. Exploration of methods that can be employed to reduce or eliminate hazardous conditions in all aspects of daily life, including school, home, and traffic safety. Survey of critical health issues facing public schools. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2500 Clinical Experience in Athletic Training III** **1 hr. (0, 1)**
Guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries. **PREREQUISITE:** PEHS 2420. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 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. Special topics include 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. **PREREQUISITE:** BIOL 2410. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 2740 Psychology of Coaching** **2 hrs. (2, 0)**
Application of scientific principles to coaching at different levels of competition. Motivation, personality differences, communication, and effect of winning and losing are discussed. **OFFERED:** 2006-07. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3010 Health, Safety, and Physical Education for Elementary Grades** **2 hrs. (2, 1)**
Instructional strategies for teaching physical education, health, and safety in grades K-6. Includes teaching practicum with children ages 4 to 12 years. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3030 Techniques of Coaching Volleyball** **1 hr. (1, 1)**
OFFERED: 2007-08. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*

- 3050 Techniques of Coaching Football** 1 hr. (1, 1)
OFFERED: 2006-07. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3060 Techniques of Coaching Track** 1 hr. (1, 1)
OFFERED: 2006-07. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3070 Techniques of Coaching Basketball** 1 hr. (1, 1)
OFFERED: 2007-08. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3080 Techniques of Coaching Baseball** 1 hr. (1, 1)
OFFERED: 2007-08. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3220 Physical Education for Special Populations** 3 hrs. (3, 0)
 Brief introduction 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. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3250 Instructional Strategies for Sr. High/Middle School Phys. Ed.** 3 hrs. (3, 1)
 Study and laboratory experience in teaching methodology of physical education for grades 6-12. Planning and implementing lessons using a variety of teaching strategies. Consideration of sociological and psychological issues in student interactions. **EXPECTATION:** At least 6 hours of activity classes. **PREREQUISITE:** Junior standing; PEHS 1350, 2350, 2380. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3300 Therapeutic Rehabilitation** 3 hrs. (2, 2)
 Explores principles of therapeutic rehabilitation of orthopedic injuries including the role of the athletic trainer in the implementation and supervision of a sound rehabilitation program. Special topics include aquatic therapy, the body's response to healing and exercise, development of exercise programs, development and evaluation of tests, measurement techniques and programs, and applications of therapeutic exercise equipment and supplies. **PREREQUISITE:** PEHS 2460, 4450, 4550. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3350 Teaching Fitness** 2 hrs. (0, 3)
 Overview of current activity levels and fitness of youth, promotion of lifetime physical activity, field testing, and implementing fitness activities into the physical education program. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3400 Clinical Experience in Athletic Training IV** 1 hr. (0, 1)
 Guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries. **PREREQUISITE:** PEHS 4450. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3450 Medical Issues in Athletic Training I** 2 hrs. (2, 0)
 Specialized course dealing with anatomy, kinesiology, pathology, pharmacology, recognition, evaluation, management, and emergent treatment of specific injuries and conditions involved in an athletic health care environment. **PREREQUISITE:** PEHS 2420, 2460, 3300; BIOL 2410 or 2420. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3460 Administration of Athletic Training** 3 hrs. (3, 0)
 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:** PEHS 2460. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*

- 3490 School Health Organization** **3 hrs. (3, 0)**
 Organization and management of health programs in the school, including classroom, school health services, and related health services outside the school. **OFFERED:** 2007-08. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3500 Clinical Experience in Athletic Training V** **1 hr. (0, 1)**
 Guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries. **PREREQUISITE:** PEHS 4550. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3550 Medical Issues in Athletic Training II** **2 hrs. (2, 0)**
 Specialized course dealing with anatomy, kinesiology, pathology, pharmacology, recognition, evaluation, management, and emergent treatment of specific injuries and conditions involved in an athletic health-care environment. **PREREQUISITE:** PEHS 3450. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3710 Athletic Administration** **2 hrs. (2, 0)**
 Organization and administration of interscholastic athletics, including philosophy, scheduling, budget, equipment care, awards, legal aspects and facilities. **OFFERED:** 2007-08. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 3770 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 2410, 2420. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4010 Advanced Resistance Training and Conditioning** **3 hrs. (3, 0)**
 Advanced principles of skeletal muscle physiology and bioenergetics in the application of strength training and conditioning programs designed for athletes and recreational exercisers. **PREREQUISITE:** PEHS 3770. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4120 Kinesiology** **4 hrs. (3, 2)**
 Scientific principles basic to human motion: both anatomical and biomechanical principles are examined. Some consideration of corrective physical education. **PREREQUISITE:** BIOL 2410, 2420. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4150 Exercise Testing and Prescription** **4 hrs. (3, 2)**
 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. Electrocardiograph techniques and interpretation, pharmacological considerations, test data interpretation, and emergency procedures are included. **PREREQUISITE:** PEHS 3770. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4160 Clinical Experience in Exercise Testing and Prescription** **1 hr. (0, 2)**
 Laboratory 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), as well as implications of test results

and application to exercise prescription. **PREREQUISITE:** PEHS 4150; exercise science major. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*

- 4200 Practicum in Physical Education, Health, or Sport** **1-8 hrs. (arranged)**
Independent work or practicum which allows agency, camp, coaching, youth work, athletic training, or clinical experiences in the field. **PERMISSION:** Instructor. **GRADE:** CR/NC registration. **REPEAT:** May be repeated. Total credit not to exceed 8 hours. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4260 Directed Experience in Teaching Physical Education** **3 hrs. (1, 3)**
This course will provide students with field experiences in teaching physical education within public schools prior to the student teaching semester. Students will have the opportunity to apply the content knowledge, management strategies, motivational ideas, and pedagogical skills that they have learned in previous courses. By experiencing a real-life teaching situation, students can test their skills with the guidance of a veteran public school teacher as a mentor. **PREREQUISITE:** PEHS 3010, 3250. **COREQUISITE:** PEHS 4300. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4300 Program Development and Administrative Issues in Physical Education** **3 hrs. (3, 1)**
An integrative course which deals with the principles and practices of program development. Introduction to administrative issues facing leaders in the field. **EXPECTATION:** Completion of required activity classes. **PREREQUISITE:** Teaching major. **PREREQUISITE OR COREQUISITE:** PEHS 3250. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4400 Clinical Experience in Athletic Training VI** **1 hr. (0, 1)**
Guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries. **PREREQUISITE:** PEHS 3450. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4450 Lower Body Joint and Extremity Assessment** **2 hrs. (0, 2)**
Techniques and procedures for clinical evaluation of common athletic injuries, emphasizing major joint structures. Incorporation of appropriate examination techniques and procedures into an effective, systematic clinical evaluation of the lower body. **PREREQUISITE:** PEHS 2460. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4500 Clinical Experience in Athletic Training VII** **1 hr. (0, 1)**
Guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries. **PREREQUISITE:** PEHS 3300. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4550 Upper Body Joint and Extremity Assessment** **2 hrs. (0, 2)**
Techniques and procedures for clinical evaluation of common athletic injuries, emphasizing major joint structures. Incorporation of appropriate examination techniques and procedures into an effective, systematic clinical evaluation of the upper body. **PREREQUISITE:** PEHS 2460. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4590 Computer Applications for Physical Education** **2 hrs. (2, 1)**
Techniques and practice in the use of technology-based educational media supporting physical education. Emphasis on computer applications that support teaching (e.g. gradebook, PowerPoint, databases). Field work in heart rate monitor usage, pedometer applications, PDA usage, and other available technology. **PREREQUISITE:** Physical education teaching major; senior standing. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4700 Methods of Teaching in Physical Education and Health** **2 hrs. (2, 0)**
Methods of teaching, class organization, class management and program planning in grades

K-12. The class is organized for both physical education and/or health education teaching majors. Does not apply toward major or minor. **EXPECTATION:** Completion of physical education teaching major. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*

- 4800 Internship in Exercise Science** **2-4 hrs. (0, 2-4)**
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:** PEHS 4150. **GRADE:** CR/NC registration. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4910 Seminar in Athletic Training** **2 hrs. (2, 0)**
Capstone course in athletic training. Selected topics of current interest in sports medicine. Development and presentation of a creative project. Field experiences involving conference, clinic, and workshop attendance. Techniques and practice of written, written simulation, and oral practical applications. Provides opportunity to interact with other allied health practitioners. **PREREQUISITE:** Athletic training major; senior standing. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*
- 4920 Seminar in Exercise Science** **2 hrs. (2, 0)**
Capstone course in exercise science. Selected topics of current interest in exercise and health science. Written and oral presentation of a creative project involving either applied, experimental, or library research. **PREREQUISITE:** Exercise science major; senior standing. *Refer to Schedule of Classes for new caption and course number starting Semester I, 2007.*

Liberal Arts

Prof. Coplin, Prof. Luna, Prof. Nelson, Prof. Margolin, Prof. Stankiewicz, Dr. Swindell

LART COURSES

- 1000 College Survival Skills** **2 hrs. (2, 0)**
Provides an opportunity for students to learn and adopt methods to be successful in undergraduate work. Deals with basic academic, study, and life skills, and attitudes necessary for collegiate success. **GRADE:** CR/NC registration.
- 1100 Liberal Arts Seminar** **2 hrs. (2, 0)**
Issue-oriented faculty-student seminars which address critical, scholarly attitudes and skills essential for pursuing a liberal arts education.
- 1200 Career and Life Planning** **1 hr. (2, 0)**
Addresses the role of decision-making skills in choosing a college major. Students assess interests, personality, skills, and values to assist them in finding the “best fit” among the majors and career options they are researching. Students also learn effective problem-solving skills that can be used over a lifetime for career and life-planning decisions. This course is designed for the undecided freshman or sophomore student, but open to juniors and seniors with instructor’s permission. **PREREQUISITE:** Freshman or sophomore standing.

Mathematics

Dr. Stephens, chair; Dr. Austin, Prof. Saltzmann, Dr. Turner

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
- At least three additional MATH courses numbered 3100 or above
MATH 1000, 1100, 1110, 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
- An independent study course combining mathematics and economics with a required empirical research project
- 2-3 hour elective course in mathematics beyond MATH 3020
- ECON 2010, 2020, 3020, 3410

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, 3010, 3020, 2200, 2300, 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 percents, ratios and proportions, polynomials, algebraic solutions of linear and quadratic equations, word problems, and systems of equations. **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 (*see Liberal Arts Program in this catalog*).
- 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.
- 1300 Finite Mathematics** **3 hrs. (3, 0)**
Topics include introduction to counting techniques, probability, systems of linear equations and matrices, Markov chains, networks, linear programming, and the mathematics of finance. Does not apply toward major. **PREREQUISITE:** Mathematics proficiency (*see Liberal Arts Program in this catalog*).
- 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 on computational skill and problem solving. Applications 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 (*see Liberal Arts Program in this catalog*).

- 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:** Mathematics proficiency (*see Liberal Arts Program in this catalog*).
- 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.
- 2120 Introductory Statistics with Applications** **4 hrs. (4, 0)**
Descriptive statistics; binomial, normal, Poisson 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.
- 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:** 2007-08.
- 3010 Linear Algebra** **4 hrs. (4, 0)**
Introduction to algebra and geometry of \mathbb{R}^3 and its extension to \mathbb{R}^n . Topics include vector spaces and linear transformations, systems of linear equations and their solutions, matrices and determinants, eigenvalues, and eigenvectors. **PREREQUISITE:** MATH 2010.
- 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.
- 3100 Differential Equations** **3 hrs. (3, 0)**
Methods of solving ordinary differential equations and their applications to life sciences, physics and chemistry. **PREREQUISITE:** MATH 2020. **OFFERED:** 2007-08.
- 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 diagrams, pulse processes and group decision-making. **OFFERED:** 2006-07.
- 3300 Numerical Analysis** **4 hrs. (4, 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. **SAME AS:** CPSC 3300. **OFFERED:** 2007-08.
- 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. **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:** 2006-07.
- 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:** 2006-07.
- 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. **OFFERED:** 2007-08.
- 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. **PERMISSION:** Signature of department chair.
- 4700 Methods in Teaching Mathematics** **2 hrs. (2, 0)**
PREREQUISITE: MATH 4100 or 4200. **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. **PERMISSION:** Signature of department chair. **OFFERED:** With sufficient demand.

Modern Foreign Languages

Dr. Koene, chair; Prof. Baird, Prof. Barr, Prof. Clay, Dr. Fox, Prof. Newbold, Prof. Shulmistras, Prof. Zinszer

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 equips university graduates to take responsible and active roles as world citizens, but also enhances their effectiveness in a range of professions, including banking, business, education, government work, health care, journalism, law, management, missions, and social work.

A major in one of the modern languages 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 responsible global citizens.

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

Students who wish to major in one of the modern languages offered at Anderson University should consult the Modern Foreign Languages Web page at www.anderson.edu/academics/flan for the latest curricular and programmatic policies.

MAJORS

FRENCH MAJOR (43-45 hours)

- 34 hours from:
 - FREN courses beyond FREN 2010 or equivalent
 - at least 6 hours in overseas study
- FLAN 4900
- A two-semester sequence (6-8 hours) in one other modern foreign language
FLAN 2000, 3400, and 4700 do not apply toward the major.

SPANISH MAJOR (43-45 hours)

- 34 hours from:
 - SPAN courses beyond SPAN 2010 or equivalent
 - at least 6 hours in overseas study
- FLAN 4900
- A two-semester sequence (6-8 hours) in one other modern foreign language
FLAN 2000, 3400, and 4700 do not apply toward the major.

COMPLEMENTARY MAJORS

FRENCH COMPLEMENTARY MAJOR (30 hours)

- 27 hours from:
 - FREN courses beyond 2010, including 2020, 3200, 3230, 3240
 - 14 hours from FREN courses numbered 3000 and above
 - at least 6 hours in overseas study
- FLAN 4900

SPANISH COMPLEMENTARY MAJOR (30 hours)

- 27 hours from:
 - SPAN courses beyond 2010, including 2020, 3010, 3020, 3140
 - 12 hours from SPAN courses numbered 3000 and above
 - at least 6 hours in overseas study
- 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
FLAN courses may not be counted toward the minor.

TEACHING MAJORS

Requirements for teaching French or 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.

FRENCH TEACHING MAJOR (45-47 hours)

- 36 hours from:
 - FREN courses beyond FREN 2010, including FREN 2020, 3200, 3230, 3240, 4320; 3330 or 3340 or 4500; 3400 or 3440
 - at least 6 hours in overseas study
- FLAN 4900
- At least two sequential semesters (6-8 hours) in one other modern foreign language
FLAN 2000, 3400, and 4700 do not count toward the major.

SPANISH TEACHING MAJOR (45-47 hours)

- 36 hours from:
 - SPAN courses beyond SPAN 2010, including SPAN 2020, 3010, 3020, 3140, 3200, 3400, 3440, 3350 or 3360; 3370 or 3380
 - at least 6 hours in overseas study
- FLAN 4900
- At least two sequential semesters (6-8 hours) in one other modern foreign language
FLAN 2000, 3400, and 4700 do not count toward the major.

FLAN COURSES

- 2000 Language and Society** **3 hrs. (3, 0)**
Expands cultural awareness by introducing the study of 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 com-

plex 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.

- 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. Does not apply toward major or minor. **PERMISSION:** Department chair.
- 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. **PERMISSION:** Department chair.

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. *Système-D* software introduced. Individual language laboratory work 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. *Système-D* software used to enhance writing instruction. Individual language laboratory work required. **PREREQUISITE:** 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. *Système-D* software used to enhance writing instruction. Increased emphasis on understanding the diverse Francophone cultures through cultural readings, video, and other sources. Individual language laboratory work required. **PREREQUISITE:** 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. *Système-D* software used to enhance writing instruction. Increased emphasis on understanding the diverse Francophone cultures through cultural readings, video, excerpts from literature, and other sources. Individual language laboratory work required. **PREREQUISITE:** FREN 2010.
- 3200 French Phonetics** **3 hrs. (3, arranged)**
 Principles of pronunciation and practice in their application, as well as a brief introduction to the history of the language. Individual language laboratory work and individual tapes. Lectures in English. Required of all majors and minors. **PREREQUISITE OR COREQUISITE:** 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. Review of French grammar while developing more fluent command of the oral patterns and more active vocabulary control. Individual language laboratory work required. Required of all majors and minors. **PREREQUISITE:** FREN 2020.

- 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.
- 3330 Survey of French Literature I** **3-4 hrs. (3-4, 0)**
Reading and discussion of representative works in French literature from the Middle Ages to the early 18th century. Rudiments of literary criticism. **PREREQUISITE:** FREN 3230, 3240.
- 3340 Survey of French Literature II** **3-4 hrs. (3-4, 0)**
Reading and discussion of representative works in French literature from the late 18th century to the present. Rudiments of literary criticism. **PREREQUISITE:** FREN 3230, 3240.
- 3400 French Civilization and Culture** **3-4 hrs. (3-4, 0)**
Life, customs, and history 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.
- 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 great changes following World War II. **PREREQUISITE:** FREN 3230, 3240.
- 4320 Advanced French Grammar** **4 hrs. (4, 0)**
In-depth review of grammar with view toward achieving better understanding of written French. Oral and written exercises. Emphasis on finer points of French grammar as compared to English, vocabulary building, and translations. **PREREQUISITE:** FREN 3230, 3240.
- 4500 Special Topics** **3 hrs. (3, 0)**
Group study on selected topics. **PERMISSION:** Instructor. **PREREQUISITE:** FREN 3230, 3240. **OFFERED:** With sufficient demand.
- 4650 Directed Individual Study** **1-4 hrs. (arranged)**
Reading to help French majors cover a period of literature, author, or special interest project to complete or complement their French studies. May be completed abroad in French-speaking country. **PERMISSION:** Department chair and instructor. **OFFERED:** With sufficient demand.
- 4660 Directed Individual Study** **1-4 hrs. (arranged)**
Reading to help French majors cover a period of literature, author, or special interest project to complete or complement their French studies. May be completed abroad in French-speaking country. **PERMISSION:** Department chair and instructor. **OFFERED:** With sufficient demand.

GERM COURSES

- 1010 Elementary German I** **4 hrs. (3, 1)**
Emphasizes development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of German culture. Individual language laboratory work required.
- 1020 Elementary German II** **4 hrs. (3, 1)**
Emphasizes continued development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of German culture. Individual language laboratory work required. **PREREQUISITE:** GERM 1010.

- 2010 Intermediate German I** **4 hrs. (3, 1)**
 Communicative tasks and culture-oriented readings. Continued development of basic skills in reading, writing, understanding, and speaking. Individual language laboratory work required. **PREREQUISITE:** GERM 1020.

SPAN COURSES

- 1010 Elementary Spanish I** **4 hrs. (3, 1)**
 Essential elements of Spanish grammar and culture. Practice listening, reading, writing, and conversing. Individual language laboratory work required.
- 1020 Elementary Spanish II** **4 hrs. (3, 1)**
 Continued development of essential elements of Spanish grammar and culture. Practice listening, reading, writing, and conversing. Individual language laboratory work required. **PREREQUISITE:** 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 Hispanic cultures through cultural readings, video, and other sources. Individual language laboratory work required. **PREREQUISITE:** SPAN 1020.
- 2010 Intermediate Spanish for the Professions I** **4 hrs. (3, 1)**
 Designed to complement the coursework of students majoring in the health-care, business, social work, and law enforcement professions. In addition to the general objectives for SPAN 2010, this specialized course will give students the linguistic and cultural knowledge needed to function in their designated fields. One or more specialized sections offered each year on an alternating basis. **PREREQUISITE:** SPAN 1020. **OFFERED:** Intermediate Spanish for Social Work and Law Enforcement offered 2006-07; Intermediate Spanish for Health-Care Professions offered 2007-08.
- 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 Hispanic cultures through cultural readings, video, and other sources. Introduction to literary readings. Individual language laboratory work required. **PREREQUISITE:** SPAN 2010.
- 2020 Intermediate Spanish for the Professions II** **4 hrs. (3, 1)**
 Designed to complement the coursework of students majoring in the health-care, business, social work, and law enforcement professions. In addition to the general objectives for SPAN 2020, this specialized course will give students the linguistic and cultural knowledge needed to function in their designated fields. One or more specialized sections offered each year on an alternating basis. **PREREQUISITE:** SPAN 2010 for the Professions. **OFFERED:** Intermediate Spanish for Social Work and Law Enforcement offered 2006-07; Intermediate Spanish for Health-Care Professions offered 2007-08.
- 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. **PREREQUISITE:** 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. **PREREQUISITE:** SPAN 2020.
- 3140 Spanish Phonetics** **3 hrs. (2, 1)**
 A survey of pronunciation problems, designed to help the non-native speaker develop accurate pronunciation. Introduction to the phonetic alphabet and basic concepts of linguistic science. Extensive oral practice. 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.
- 3350 Masterpieces of Spanish-American Literature I** **3 hrs. (3, 0)**
 Writers and movements in Spanish-American literature from the Colonial period through modernism within their cultural-historical context. **PREREQUISITE OR COREQUISITE:** SPAN 3010, 3020.
- 3360 Masterpieces of Spanish-American Literature II** **3 hrs. (3, 0)**
 Writers and movements in Spanish-American literature from modernism to the present within their cultural-historical context. **PREREQUISITE OR COREQUISITE:** SPAN 3010, 3020.
- 3370 Survey of Peninsular Literature I** **3 hrs. (3, 0)**
 Writers and movements in Spanish literature from the Middle Ages through the Golden Age within their cultural-historical context. **PREREQUISITE OR COREQUISITE:** SPAN 3010, 3020.
- 3380 Survey of Peninsular Literature II** **3 hrs. (3, 0)**
 Writers and movements in Spanish literature from the Golden Age to the present within their cultural-historical context. **PREREQUISITE OR COREQUISITE:** 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.
- 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.
- 4500 Special Topics** **3 hrs. (3, 0)**
 Group study on selected topics. **PERMISSION:** 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. **PERMISSION:** Department chair and instructor. **OFFERED:** With sufficient demand.
- 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. **PERMISSION:** Department chair and instructor. **OFFERED:** With sufficient demand.

School of Music

Dr. Wright, chair; Dr. Taylor, assistant chair; Prof. Brandon, Prof. Brooks, Prof. Chan, Dr. Chappell, Dr. Frieling, Prof. Goetzinger, Prof. J. Huntoon, Dr. M. Murray, Prof. M. Murray, Dr. Robertson, Dr. Rodgers, Dr. Schubert, Dr. Sowers; Dr. Ballard, Prof. de Ryke, Prof. Dingleline, Prof. Hagopian, Prof. Huff, Prof. D. Huntoon, Prof. Jones, Prof. King, Prof. McLaughlin, Prof. Moore, Prof. Oh, Prof. Pay, Prof. Rice, Prof. Robbins, Prof. Sprunger, Prof. E. Stanek, Dr. M. Stanek, Prof. Vale, Prof. Wagnon, Prof. Wong

The School of Music offers Bachelor of Music degrees in music education, voice performance, and instrumental performance; Bachelor of Arts degrees in music, church music, and music business; six music minors; and a dance performance minor to prepare students for service and professional life. The School of Music also endeavors to give all students opportunities for creative experiences in the musical arts by encouraging the development of musicianship and scholarship through classes, private study, and ensembles.

Students intending to become music majors should consult the *School of Music Bulletin* for admission and retention policies. **All prospective music majors must complete an audition for admission to the School of Music.** All freshmen must take the freshman core curriculum, which must be passed with grades of C- or better before registering for upper-level courses in music.

FRESHMAN CORE CURRICULUM

The freshman core curriculum 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)

All music majors must pass the freshman core curriculum with grades of C- or better by the end of their fourth semester of college study in order to continue in the major.

- The freshman core of music 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 theory, aural comprehension, and piano 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 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 freshman core after their fourth semester of college study must petition the department chair in writing for permission to do so.

UPPER-DIVISION PERFORMANCE EVALUATION (UDPE)

Students are required to pass the Upper-Division Performance Evaluation (UDPE) to advance to 3000- and 4000-level private 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.

ENSEMBLES

All music majors must participate in appropriate ensembles each semester. Music minors are required to participate in four semesters of ensemble. Students may participate in an ensemble with or without credit.

PRIVATE STUDY

Students may earn 1 hour of credit in private study by taking weekly half-hour private lessons, or 1-3 hours of credit by taking weekly one-hour private lessons. Participation in studio classes, studio recitals, and general student recitals are part of private study at Anderson University. Students should consult the *School of Music Bulletin* for specific policies and course sequences.

BACHELOR OF MUSIC DEGREE

MUSIC EDUCATION MAJOR — Grades K-12, All-Areas (73-77 hours)

- MUSC 1010, 1020, 1030, 1040, 2010, 2020, 2030, 2040, 2110, 3030, 3040, 3110, 3120, 3220
- MUPF 1050, 1060; 2-6 hours of MUPF 1710, 2030, 2040
- MUED 1000, 1100, 1200, 1300, 1400, 2470, 3100, 3110, 3120, 3130; 3330 or 3350 or 3370; 3460, 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
- MUPF 1050, 1060; 2-6 hours from MUPF 1710, 2030, 2040
- Pedagogy and Literature:
 - MUED 2510, 2520, 3350, 3360, 3930, 3940
 - MUSC 3390
- Applied Study:
 - 24 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
- Related Skills:
 - SPCH 2350
 - 6 hours from MUPF 1170, 4910
 - 2 hours from DANC 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
- One course from MUSC 3030, 3100; MUBS 2050
- MUPF 1050, 1060; 2-6 hours from MUPF 1710, 2030, 2040
- Pedagogy and Literature:
 - Piano: MUED 3370; MUSC 3380; MUPF 2060
 - Instrumental: MUED 3130, 3330; MUPF 2060
- Applied Study:
 - 24 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

BACHELOR OF ARTS DEGREE**CHURCH MUSIC MAJOR (52-56 hours)**

- MUSC 1010, 1020, 1030, 1040, 2010, 2020, 2110, 3030, 3040, 3110, 3120, 3150, 3160, 3800
 - MUED 2470, 3110; 3330 or 3350 or 3370; 3470 or 3480
 - MUPF 1050, 1060
 - 8 hours in primary performance area, including a half recital
- Majors are encouraged to take courses in Christian ministries (see Department of Religious Studies in this catalog).*

MUSIC BUSINESS MAJOR (54-58 hours)

- 14-18 hours of Music courses:
 - MUSC 1010, 1020, 1030, 1040, 2110
 - MUPF 1050, 1060
 - 4 hours of private applied study
- 15-17 hours of Music Business and related courses:
 - MUBS 2010, 2020, 4800
 - At least 10 hours from: MUPF 2060; MUBS 2050, 2070, 3100, 3210, 3220, 3310, 3350, 3410, 4900; MUSC 2010, 3030, 3040
- 24 hours of Business courses:
 - ACCT 2010, 2020
 - At least one course from: ECON 2010, 2020
 - BSNS 2710, 2810, 3420
 - At least two courses from: BSNS 2550, 3200, 3210, 3230, 3550, 4310, 4330

MUSIC MAJOR (41-44 hours)

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

MINORS

APPLIED MUSIC MINOR (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.

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)

DANCE PERFORMANCE MINOR (18 hours)

- 7 hours of theory courses: DANC 2510, 2610, 3010
- 11 hours of technique courses:
 - DANC 2210, 2310
 - DANC 2150 or 2160 or 2170
 - 3 hours from any combination of DANC 2210, 2220, 2230, 2240
 - 3 hours from any combination of DANC 2310, 2320, 2330, 2340
 - 2 hours from any combination of DANC 2410, 2420, 2430, 2440

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
- Four courses from: MUBS 2050, 2070, 3100, 3210, 3220, 3310, 3350, 3410; MUSC 3030, 3040

MUSIC PERFORMANCE MINOR (15-16 hours) — *For music business majors only*

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

THEORY AND LITERATURE OF MUSIC 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.*

MUSIC 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. **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 nineteenth-century music. **PREREQUISITE:** MUSC 1020. **OFFERED:** Semester I.
- 2020 Theory IV** **3 hrs. (3, 0)**
Survey of compositional techniques in twentieth-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 twentieth-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 LITERATURE (MUSC)

- 2110 Introduction to Music Literature** **2 hrs. (2, 0)**
Introductory study of music literature. Required for music majors; not recommended for others. **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:** Each semester.

- 3110 History of Music I** **3 hrs. (3, 0)**
General historical survey of music from classical antiquity to 1750. **PREREQUISITE:** MUSC 2110. **OFFERED:** Semester I.
- 3120 History of Music II** **3 hrs. (3, 0)**
General historical survey of music from 1750 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, 2006-07.

CHURCH MUSIC (MUSC)

- 3150 Philosophy of Church Music** **3 hrs. (3, 0)**
Philosophical 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, 2007-08.
- 3160 Music Ministry Methods** **3 hrs. (3, 0)**
Survey of how to develop and supervise music ministry programming; teaching, rehearsing and performing in graded vocal, choral and instrumental ensembles. **OFFERED:** Semester II, 2007-08.
- 3800 Internship in Church Music** **3 hrs. (arranged)**
In-depth experience in a local church with experienced minister involved full time in church music. **PREREQUISITE:** MUSC 1010, 1030. **PERMISSION:** Instructor. **GRADE:** CR/NC registration. **OFFERED:** Each semester.

ADDITIONAL MUSIC COURSES (MUSC)

- 1650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member.
- 2650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member.
- 3650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member.
- 4650 Independent Study** **1-4 hrs. (arranged)**
Opportunities for individualized study as agreed upon by student and faculty member.

- 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 Bulletin* for guidelines and deadlines. **PERMISSION:** Department. **OFFERED:** Each semester.

MUBS COURSES (MUSIC BUSINESS)

- 2010 Introduction to the Music Business** **2 hrs. (2, 0)**
 Overview of history, trends, and scope of music business. Introduction to record label structure, record production, artist development, and careers in the music business.
PREREQUISITE: MUSC 1020, 1040. **OFFERED:** Semester I.
- 2020 Introduction to Music Publishing** **2 hrs. (2, 0)**
 Music publishing as related to ownership and exploitation of music copyrights. Overview of copyright basics, licensing, and the process of music publishing from the creation of a song through its distribution. **PREREQUISITE:** MUSC 1020, 1040. **OFFERED:** Semester II.
- 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 1020, 1040. **OFFERED:** Semester I.
- 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:** With sufficient demand.
- 3210 Recording Techniques I** **2 hrs. (2, 1)**
 Introduction to the equipment of the studio and its use, studio session procedures and recording production. **PREREQUISITE:** MUSC 1020, 1040. **OFFERED:** Semester I.
- 3220 Recording Techniques II** **2 hrs. (2, 1)**
 Advanced guided experiences in audio recording techniques. Emphasis on recording projects using multi-track recording, sequencing, synchronization, digital signal processing, computer-based editing, and MIDI technologies. **PREREQUISITE:** MUBS 3210. **OFFERED:** Semester II.
- 3310 Legal Aspects of the Music Business** **2 hrs. (2, 0)**
 Selected topics in copyright management, music licensing, and publishing contracts.
PERMISSION: Department. **PREREQUISITE:** MUBS 2010, 2020. **OFFERED:** Semester I, 2007-08.
- 3350 Music Marketing** **2 hrs. (2, 0)**
 Selected topics in methods and principles of marketing music products. **PERMISSION:** Department. **PREREQUISITE:** MUBS 2010, 2020. **OFFERED:** Semester I, 2006-07.
- 3410 Music Technology** **2 hrs. (2, 0)**
 Selected topics and practical experience in areas such as MIDI applications, sampling, sequencing, and current topics in music technology. **PERMISSION:** Instructor. **OFFERED:** Semester II, 2007-08.

- 4800 Internship in Music Business** **1-3 hrs. (arranged)**
In-depth experience in selected music industry tailored to ability and needs of individual students. **PERMISSION:** Instructor. **PREREQUISITE:** MUBS 2010, 2020. **OFFERED:** Each semester.
- 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:** Continuation for two semesters. **PERMISSION:** Instructor. **PREREQUISITE:** MUBS 2010, 2020. **OFFERED:** Each semester.

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. **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 English and Italian. **OFFERED:** Semester I.
- 2520 Singer's Diction II** **2 hrs. (2, 0)**
Fundamentals and usage of the International Phonetic Alphabet as applied to German and French. **OFFERED:** Semester II.
- 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. **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.

MUPF COURSES (MUSIC PERFORMANCE)

PRIVATE STUDY (MUPF) — HALF RECITALS (25-30 MINUTES)

PERMISSION: Instructor. **REPEAT:** May be repeated.

| | | |
|-------------|--------------------------------|---------------------|
| 3540 | Voice Recital | 1 hr. (1, 1) |
| 3550 | Keyboard Recital | 1 hr. (1, 1) |
| 3560 | String/Guitar Recital | 1 hr. (1, 1) |
| 3570 | Woodwind Recital | 1 hr. (1, 1) |
| 3580 | Brass Recital | 1 hr. (1, 1) |
| 3590 | Percussion/Harp Recital | 1 hr. (1, 1) |

PRIVATE STUDY (MUPF) — FULL RECITALS (50-60 MINUTES)

PERMISSION: Instructor. **REPEAT:** May be repeated.

| | | |
|-------------|--------------------------------|----------------------|
| 4540 | Voice Recital | 2 hrs. (2, 1) |
| 4550 | Keyboard Recital | 2 hrs. (2, 1) |
| 4560 | String/Guitar Recital | 2 hrs. (2, 1) |
| 4570 | Woodwind Recital | 2 hrs. (2, 1) |
| 4580 | Brass Recital | 2 hrs. (2, 1) |
| 4590 | Percussion/Harp Recital | 2 hrs. (2, 1) |

APPLIED LESSONS (MUPF) — HALF HOUR, LOWER-DIVISION STUDY

REPEAT: May be repeated.

| | | |
|-------------|--------------------------|---------------------|
| 1700 | Voice | 1 hr. (1, 0) |
| 1710 | Piano | 1 hr. (1, 0) |
| 1720 | Harpichord | 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/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

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/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

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/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

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/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)**
PERMISSION: Instructor. **OFFERED:** Semester I.
- 1020 Class Lessons in Voice II** **1 hr. (1, 0)**
PERMISSION: Instructor. **OFFERED:** Semester II.
- 1030 Class Lessons in Piano I** **1 hr. (1, 0)**
 Beginning piano for students not majoring or minoring in music. **OFFERED:** Each semester.
- 1040 Class Lessons in Piano II** **1 hr. (1, 0)**
 Beginning piano for students not majoring or minoring in music. **PERMISSION:** Instructor.
OFFERED: With sufficient demand.
- 1050 Keyboard Class I** **2 hrs. (2, 0)**
 For majors and minors with limited piano background. **PERMISSION:** 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, or who 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. **PERMISSION:** Instructor.
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.
- 1520 Accompanying I** **1 hr. (1, 0)**
 Study in art of keyboard accompaniment for voice or instrumental solos and small ensembles. **PERMISSION:** Instructor. **REPEAT:** May be repeated. **OFFERED:** Semester I.
- 1530 Accompanying II** **1 hr. (1, 0)**
 Study in art of keyboard accompaniment for voice or instrumental solos and small ensembles. **PERMISSION:** Instructor. **REPEAT:** May be repeated. **OFFERED:** Semester II.
- 2030 Advanced Small-Group Piano I** **1 hr. (1, 0)**
PERMISSION: Instructor. **OFFERED:** Semester I.
- 2040 Advanced Small-Group Piano II** **1 hr. (1, 0)**
PERMISSION: Instructor. **OFFERED:** Semester II.
- 2060 Jazz Improvisation** **2 hrs. (2, 0)**
 Study of techniques and materials for improvisation through performance. **PERMISSION:** Instructor. **EXPECTATION:** Successful completion of UDPE. **PREREQUISITE:** MUSC 1020, 1040; MUPF 1060. **OFFERED:** With sufficient demand.
- 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. **PERMISSION:** Instructor. **OFFERED:** Semester I.

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 | Opera Workshop | 0-1 hrs. (arranged) |
| 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) |
| | PERMISSION: 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) |

DANC COURSES

| | | |
|------|---|---------------------|
| 1150 | Dance Production | 0-1 hrs. (arranged) |
| | Ensemble, by audition. Participation in annual staged dance production. REPEAT: May be repeated for credit. OFFERED: Semester II. | |
| 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 I. | |
| 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. PERMISSION: Instructor. REPEAT: May be repeated for credit. | |

- 2150 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:** Semester II.
- 2160 Tap II** **1 hr. (2, 0)**
A continuation of Tap I, designed for the 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.
- 2170 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.
- 2210 Modern Dance I** **1 hr. (2, 0)**
Beginner/intermediate-level course introducing modern dance styles, including Alexander, Graham, and Tharp. **OFFERED:** Semester II. **REPEAT:** May be repeated for credit.
- 2220 Modern Dance II** **1 hr. (2, 0)**
A continuation of Modern Dance I, designed for the student with at least one semester of modern dance. The purpose of this course is to develop additional technique and basic principles of modern dance. **REPEAT:** May be repeated for credit.
- 2230 Modern Dance III** **1 hr. (2, 0)**
A continuation of Modern Dance II, this intermediate-level course includes improvisation to stimulate the imagination and allow for individual exploration of expression through movement. **REPEAT:** May be repeated for credit.
- 2240 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.
- 2310 Jazz Dance I** **1 hr. (3, 0)**
A study of jazz techniques, free style movement, floor and barre work, and combinations 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.
- 2320 Jazz Dance II** **1 hr. (3, 0)**
A continuation of Jazz Dance I, designed for the 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.
- 2330 Jazz Dance III** **1 hr. (3, 0)**
A continuation of Jazz Dance II, this intermediate-level course is designed to prepare the student for dance composition and improvisation, with emphasis on improvement of technique, style, and performance. **REPEAT:** May be repeated for credit.
- 2340 Jazz Dance IV** **1 hr. (3, 0)**
A continuation of Jazz Dance III, this intermediate/advanced-level course is designed to further develop the student for dance composition and improvisation. Emphasis is placed on 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.
- 2410 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.

- 2420 Ballet II** **1 hr. (2, 0)**
 A continuation of Ballet I. Open to students with previous dance training. Continuing development of ballet technique and principles, focusing on correct placement and fundamental technique. **REPEAT:** May be repeated for credit.
- 2430 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.
- 2440 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.
- 2510 Period Dance** **2 hrs. (2, 0)**
 Research and execution of movement from representative social dances of various historical periods.
- 2550 Dance Improvisation/Composition** **2 hrs. (2, 0)**
 An exploration of improvisation by developing the ability to create spontaneously through words, sketches, and sounds, thereby developing sensitivity and discovering the body's natural movement style. These skills will be applied to the introduction to dance composition. Students are introduced to the rhythmic structure of dance and the problems in line, design, dynamics, theme, and group choreography. **PREREQUISITE:** DANC 2220, 2320.
- 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.

School of Nursing

Dr. Koepke, director; Dr. Boley, Prof. Griffin, Dr. Iseminger, Inst. Kaiser, Prof. Neal, Prof. Pleninger, Prof. Poe-Greskamp, Prof. Pope, Prof. Williams

PROFESSIONAL NURSING

Anderson University offers a four-year Bachelor of Science in Nursing (BSN) that emphasizes analytic skills, a liberal arts perspective, and expertise for beginning nursing practice. The BSN focuses on developing students for beginning 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. Health is a state in which body, mind, and spirit are in a complementary relationship for the purpose of living a meaningful life in constructive service to God and humankind.

Students enroll in a 1-hour nursing course in both semesters during the freshman year. Upon completion of the first year, students may be eligible for progression to the clinical courses beginning in the sophomore year. Supporting and liberal arts courses are taken throughout the four-year curriculum and provide the base for effective nursing practice. Transfer credit is evaluated by the university registrar and the director of the School of Nursing.

All students must maintain a cumulative GPA of 2.00 or better for continuance. To advance, a minimum grade of C must be earned in each nursing class. Students must also achieve a 75 percent average on exams, demonstrate proficiency in designing nursing care, and receive a capable evaluation in the clinical component to successfully complete any course. Upon graduation, students are eligible to sit for the NCLEX, the nationwide RN licensure examination. A national examination predicting performance on the NCLEX will be given during the second semester of the senior year. The examination requirements must be met to complete the program.

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 National League of Nursing, preliminary approval from the Commission on Collegiate Nursing Education, and approval from the Indiana State Board of Nursing. Additionally, the School of Nursing offers a dual degree graduate program offering students the opportunity to earn a Master of Science in Nursing and Master of Business Administration (MSN-MBA) degree. Full information about this program is available in the *Anderson University Graduate Academic Catalog*.

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. 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:

- 33rd percentile or above in graduating class
- Cumulative high school GPA of 3.00 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 or transfer 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:

- Completion of 28 credit hours
- Grade of C or above in PSYC 2000; BIOL 2410, 2420; NURS 2140
- Cumulative grade point average of 2.50
- File an Intent to Enter form by March 1 of the freshman year

PROGRESSION TO THE SOPHOMORE YEAR (*for those who have advanced accept status*)

Requirements for progression to the sophomore year:

- Completion of 28 credit hours
- Grade of C or above in PSYC 2000; BIOL 2410, 2420; NURS 2140
- Cumulative grade point average of 2.50
- Completion of an Intent to Enter form by March 1 of the freshman year

BACHELOR OF SCIENCE IN NURSING (124 hours)

52 hours in Nursing:

- NURS 2140, 2230, 2240, 2270, 3350, 3360, 3390, 4450, 4470, 4520, 4540, 4560

72 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 recommends that NURS 2130 be taken before entering the major.***NURS COURSES**

- 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.
- 2130 The Nursing Profession** **1 hr. (1, 0)**
An elective which provides the student with an orientation to the profession and introduction to the roles of the nurse agent. 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 majors, and open to any student who wishes to learn about nursing. **GRADE:** CR/NC registration.
- 2140 Issues In Nursing** **1 hrs (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: self-care and nursing agency; domains of human experience; 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 School of Nursing director, may be taken concurrently with NURS 2240.
- 2230 Optimal Self-Care Agency I** **4 hrs. (3, 3)**
Introduces the student to the nursing process through the Self-Care Deficit Model, focusing on the individual, family, and community with optimal self-care agency. Students are considered to be novices who exhibit concrete thinking and apply beginning assessment and technology skills as they relate to the patient/client. Concepts are presented in the universal self-care requisites of normalcy, air, water, and solitude and social interaction. Health and its meanings, cultural aspects of care, and the role of values and spirituality are applied to the

practice of nursing. Admission to the program is required. **EXPECTATION:** Students are expected to enroll in this course concurrently with PSYC 2510 and CHEM 1000. **PREREQUISITE:** BIOL 2410, 2420; PSYC 2000.

- 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, and communities with optimal self-care agency. Includes the teaching/learning principles, health promotion and disease prevention, decision-making, and men's/women's issues. Concepts are presented in the universal self-care requisites of food, elimination, activity/rest, and hazards. The clinical component continues the development of assessment skills for clients using universal and developmental requisite indicators. Basic nursing technologies are introduced and utilized with clients as students are considered novices and exhibit concrete thinking. **EXPECTATION:** Students are expected to enroll in this course concurrently with BIOL 2230. **PREREQUISITE:** NURS 2230, PSYC 2510, CHEM 1000.
- 2270 Pharmacology Principles** **3 hrs. (2.5, 1.5)**
Builds on the content and experiences of the introductory nursing courses. Includes consideration of individuals, families, and communities at all levels of self-care agency. Begins the study of the preparation and administration of medications. Boundaries of knowledge and responsibility are extended into how medications act on the body, the usual dosage, therapeutic and adverse reactions. **PREREQUISITE:** NURS 2230, CHEM 1000.
- 3200 Nursing Transition I** **4 hrs. (3, 3)**
Introduces the RN to the self-care deficit model of nursing, baccalaureate concepts related to culture, spirituality, geriatrics, physical assessment, and family and community assessment models. Upon completion, students will be awarded transfer credit from other RN schools applied to NURS 2140, 2230, 2240.
- 3300 Nursing Transition II** **3 hrs. (2.5, 1.5)**
Continues family and community assessment and incorporates clients with infectious disease, immobility, and inability to make decisions. Includes group process skills, community planning, and crisis intervention. Upon completion, students will be awarded transfer credit from other RN schools applied to NURS 2270, 3350, 3360.
- 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 to clients who experience minimal self-care agency. Individuals, families, and communities will evidence self-care deficits in the universal requisites of air, water, hazards, and normalcy. The clinical component continues the development of assessment skills for clients using universal, developmental, and health deviation requisites. The repertoire of nursing technologies is expanded as students are now functioning as advanced beginners and are to apply critical/creative-thinking strategies. **PREREQUISITE:** NURS 2240, 2270; BIOL 2230.
- 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 individual, family, and community clients who have minimal ability to care for themselves. Practical experiences focus on increasingly complex patient/client needs related to the universal self-care requisites of food, elimination, activity and rest, and solitude and social interaction. The application of critical/creative thinking is used as students practice as advanced beginners. **PREREQUISITE:** NURS 3350.

- 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 issues concerning research design and application of research methodology. It is recommended that the math requirement be met prior to enrolling in the course. **PREREQUISITE:** NURS 2240, 2270.
- 3850 Practicum in Nursing** **1-3 hrs.**
 Individualized study, clinical experiences, research and/or project. **PERMISSION:** School of Nursing director 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 to clients with partial ability to care for themselves. Uses individual, family, and community clients presenting multiple, dynamic needs related to the universal self-care requisites of food, elimination, activity/rest, and solitude and social interaction. Integration of research 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)**
 Integration of liberal arts with the critical problems and issues facing nurses. Ethical and cultural issues, values, the political process applied to nursing and the concepts of advocacy, change, and collective action will be emphasized. **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. Content includes caring for individuals, families, and communities who lack self-care agency for deficits in the universal self-care requisites of air, water, normalcy, and hazards. Using the self-care deficit model and the nursing process, students are expected to achieve a high level of clinical competence. **PREREQUISITE:** NURS 4450. **COREQUISITE:** NURS 4540, 4560.
- 4540 Intercultural Health Care** **3 hrs. (0.5, 7.5)**
 Emphasizes the value of human diversity and the application of knowledge of cultural, racial, socioeconomic, religious, and lifestyle variations to health-related situations. An awareness of global health includes an understanding of the implication of living with transportation and information technology that links all parts of the world. Information about the effects on the global community from such areas as disease transmission, health policy, and health-care economics is required. An intercultural experience is required with nursing students participating in a nursing trip and others in a Tri-S experience. **EXPECTATION:** Students should plan to cover the costs for transportation and other expenses, which may vary from \$500 to \$2,500. **PERMISSION:** Instructor.
- 4560 Principles of Nursing Leadership** **4 hrs. (2, 6)**
 Builds on previous nursing courses as the student moves toward becoming a competent practitioner. Critically analyzes the principles of leadership, management, and organizational behavior in the delivery of nursing care. Includes a practicum experience. **PREREQUISITE:** NURS 4450. **COREQUISITE:** NURS 4520, 4540.

Peace and Conflict Transformation

Dr. Kirkpatrick, 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: BIBL 3260; CMIN 3240; COMM 3110; CRIM 3010; ECON 2010; HIST 3190; INED 2410; PHIL 3210; POSC 3300, 3310; PSYC 2100; RLGN 3120, 3320; SOCI 2010, 2020, 3400

PACT COURSES

- 2100 Introduction to Peace and Conflict Transformation** **2 hrs. (2, 0)**
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.
- 2200 Peacemakers Past and Present** **2 hrs. (2, 0)**
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.
- 2300 Peace, Conflict, and Religion** **2 hrs. (2, 0)**
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.
- 2400 Principles and Practices of Conflict Transformation** **2 hrs. (2, 0)**
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.

Psychology

Dr. Leech, chair; Dr. Farnen, Dr. Griffith, Dr. Swindell

Psychology is the study of behavior and mental processes. It crosses many disciplines including biology, sociology, and religion. Students elect to major or minor in psychology to prepare for working with people. Students will be prepared for graduate work in psychiatric social work or psychiatric nursing, professional training in clinical or counseling psychology, working with families, personnel work in industry, pre-ministry, careers in the not-for-profit sector, working with retarded or handicapped people, or for careers in teaching and research.

Web page: www.anderson.edu/psyc

MAJORS

Majors are strongly encouraged to follow the recommended sequence (called “levels”) of classes below. The program is divided into six levels that are explained in the *Department of Psychology Student Handbook*, available on the Web at www.anderson.edu/psyc (click the “Department Web site” link). Please note that PSYC 2000 is prerequisite to most classes. Transfer students should consult with the department chair to determine equivalent classes. It is recommended that students take PSYC 2010 before taking upper-division laboratory classes (i.e. PSYC 3210, 3440, including PSYC 3010).

- **Level 1:** PSYC 2000, 2010
- **Level 2:** PSYC 2050, 2440
- **Level 3:** At least two classes from: PSYC 2510, 3060, 3120, 3330
- **Level 4:** At least one class from: PSYC 3010, 3210, 3440
- **Level 5:** At least one class from: PSYC 2100, 3040, 4030
- **Level 6:** At least one class from: PSYC 4110, 4140, 4150

To give breadth to the major, at least one upper-division class should be taken from each of the full-time psychology faculty members. Only 4 hours of the liberal arts program, and only 8 hours of PSYC 4650, may be applied toward the major.

Most graduate schools in psychology require statistics (PSYC 2440) and one upper-division laboratory-based class (PSYC 3210 or 3440). Students planning to do doctoral work in psychology are advised to take PSYC 3240 and capstone research (PSYC 4650).

PSYCHOLOGY MAJOR (30 hours)

- PSYC 2000, 2010
 - At least 16 hours from upper-division PSYC courses
- The pre-professional emphasis (listed below) is recommended for students planning to pursue graduate studies in psychology.*

PSYCHOLOGY COMPLEMENTARY MAJOR (26 hours)

- PSYC 2000, 2010
- At least 12 hours from 3000- and 4000-level PSYC courses

LIBERAL ARTS EMPHASIS

For students not planning to attend graduate school in psychology. These groupings work for primary or complementary majors. Classes vary according to the individual, but a typical grouping of classes includes:

- PSYC 2000, 2010, 2050, 2100, 2510, 3060, 3120, 4030, 4140, 4150, 4650
PSYC 3010, 3040 is recommended for students interested in studying individuals in social settings.

PRE-PROFESSIONAL EMPHASIS (37 hours)

Recommended for students majoring only in psychology who plan to pursue graduate studies in psychology.

- PSYC 2000, 2010, 2440, 3240, 4110
- At least 23 hours from upper-division PSYC courses

MINOR

PSYCHOLOGY MINOR (16 hours)

- PSYC 2000
- At least 6 hours from upper-division PSYC courses

HONORS

To be eligible for honors in psychology, students must complete 36 hours of PSYC courses, including at least one upper-division course from each full-time faculty member, and maintain a cumulative GPA of 3.00 or better and a major GPA of 3.50 or better.

PSYC COURSES

- 2000 General Psychology** **3 hrs. (3, 0)**
Approaches to the study of individuals and their behavior including history, biological basis of behavior, sensation, perception, development, learning, memory, motivation, emotion, social, abnormal statistics, moral reasoning, linguistic patterns in different cultures, and therapy. Required of all psychology majors.
- 2010 General Psychology Laboratory** **1 hr. (1, 1)**
Introduces 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)**
Focuses on the philosophical foundations of psychology. Topics include will, mind, sense, cognition, dreams, mental faculties, imagination, memory, and the unconscious. **PREREQUISITE:** PSYC 2000.
- 2100 Interpersonal Relationships** **4 hrs. (4, 0)**
Introduction to problem-solving strategies and coping techniques that may be used to replace dysfunctional social behaviors and practice with more mature behavioral styles as they relate to courtship, marriage, work, and play. Methods used may involve role playing,

guided imagery, personal feedback, journals, behavior monitoring, stress inoculation, relaxation exercises, and fantasy. **GRADE:** CR/NC registration.

- 2440 Applied Statistics and Introduction to Research** **4 hrs. (4, 0)**
 Examination of basic statistical techniques with emphasis on interpreting research literature, practical applications in psychology, 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)**
 Psychological growth and development of individual from birth through death. Child and adolescent development will be emphasized. Holistic approach to physical, cognitive, affective and personality development, parenting and stages of grief and dying. Theorists considered may include Piaget, Erikson, Kohlberg, Mahler, and Kubler-Ross. **PREREQUISITE:** PSYC 2000.
- 3010 Social Psychology** **4 hrs. (4, 0)**
 Behavior of individual in society. Includes study of attitudes, beliefs, prejudice, aggression, leadership, altruism, and moral development. Students, in groups, design and implement their own research. **PREREQUISITE:** PSYC 2000. **OFFERED:** Normally offered once a year. **SAME AS:** SOCI 3010.
- 3040 Group and Institutional Dynamics** **3 hrs. (3, 0)**
 Theory and training concerning small and large groups and their leadership. Focuses on ways to lead groups in schools, churches, hospitals, agencies and industry. Covers discussion, task, and personal development groups. **PREREQUISITE:** PSYC 2000. **GRADE:** CR/NC registration. **OFFERED:** With sufficient demand.
- 3060 The Emotions** **4 hrs. (4, 0)**
 Explores the theories and experimental evidence that bear on human emotions. Acquired and primary needs and motives also considered. Topics include stress, love, hate, emotional development in children, facial expressions in emotion, measurement of emotion, sex differences in affect, sociobiological explanations of temperament, and ethology. **PREREQUISITE:** PSYC 2000. **OFFERED:** Alternate years.
- 3100 Human Brain Dysfunction** **4 hrs. (4, 0)**
 Introduction to effects of brain dysfunction caused by stroke, tumor, chemical imbalance, and other problems of the brain. Topics include consciousness, language disruption, learning disabilities, psycho-surgery to control human behavior, drugs, and sex differences in organization of the brain. **PREREQUISITE:** PSYC 2000. **OFFERED:** With sufficient demand.
- 3120 Abnormal Psychology** **4 hrs. (4, 0)**
 Exploration of differing perspectives on abnormal behavior and resulting classification and treatments. **PREREQUISITE:** PSYC 2000.
- 3200 Living the Christian Faith in a Post-modern World** **3 hrs. (3, 0)**
 Examines the interface of biblical principles as developed through inductive study to contemporary approaches to understanding the world. Emphasizes the impact of such principles on faith and action.
- 3210 Biopsychology** **4 hrs. (3, 2)**
 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 experimental method as applied to the study of epilepsy in rodents. Laboratory work includes some dissection. **EXPECTATION:** PSYC 2010 is strongly recommended. **PREREQUISITE:** BIOL 1000 or 2210; or PSYC 2000. **OFFERED:** Semester II.

- 3220 Organizational Behavior and Theory** 3 hrs. (3, 0)
Stresses behavior in relation to organizational theories, knowledge, and 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** 3 hrs. (3, 0)
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)
Theory, content, and administration of intelligence, interest, personality, aptitude, and achievement tests. **PREREQUISITE:** PSYC 2000, PSYC/POSC 2440. **OFFERED:** Alternate years.
- 3330 Cognitive Psychology** 4 hrs. (4, 0)
Theoretical and empirical consideration of cognitive processes. Topics include preconscious and conscious processing, memory models, problem-solving, and language. **PREREQUISITE:** PSYC 2000. **OFFERED:** Alternate years.
- 3440 Learning and Experimental Psychology** 4 hrs. (3, 2)
Empirical and theoretical examination of conditioning, reward, cognition, attention, punishment, transfer of learning, learned helplessness, memory, and forgetting. Includes laboratory work with rodents. **EXPECTATION:** PSYC 2010 is recommended. **PREREQUISITE:** PSYC 2000. **OFFERED:** Alternate years.
- 4030 Counseling and Psychotherapy** 4 hrs. (4, 0)
Examination of several approaches to treating abnormal behavior with emphasis on developing practical competence. **PREREQUISITE:** PSYC 2000, 3120. **OFFERED:** Semester II.
- 4110 History and Systems** 3 hrs. (3, 0)
Study of evolution of thought in psychology from its inception as an experimental science to significant systems, issues, experiments, and theories of today. Provides good preparation for the Graduate Record Examination in Psychology. **PREREQUISITE:** PSYC 2000. **OFFERED:** Semester I.
- 4140 Personality Theory** 4 hrs. (4, 0)
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 I.
- 4150 Philosophical Issues for the Psychologist** 3 hrs. (3, 0)
Examines 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.
- 4650 Independent Study/Research Project** 1-4 hrs.
Scheduled or specially arranged class, research, or other individual study. Capstone research projects require two semesters. **EXPECTATION:** Students should be prepared to cover part of the costs for their projects and any registration fees for conferences. **PERMISSION:** Instructor. **REPEAT:** May be repeated, but no more than 8 non-classroom hours may be applied toward the major.

Religious Studies

Dr. Shively, chair; Dr. Barlow, Dr. Berky, Dr. Burnett, Dr. Burris, Dr. Kirkpatrick, Dr. Overstreet, Dr. Reed, Prof. Spaulding, Dr. Strege; Prof. Collins, Prof. Erny, Prof. Felix, Prof. Majeski, Prof. Neidert, Prof. Stephenson, Prof. Walters

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 course work 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*).

BIBLE

The principle aims of courses in Bible are to lead students to an appreciation of the Bible, to understand its origin and background, to develop skills in interpretation, and to know its essential message and contemporary implications.

Honors study is offered for students with strong academic records in Bible. Registration is for honors seminar BIBL 2900, 3900, 4900. The work parallels regular departmental courses but is individualized to the needs and interests of each student. Students who wish to pursue honors study must declare their intentions in writing to the department chair.

BIBLE MAJOR

36 hours (at least 18 hours from upper-division courses):

- BIBL 2000, 2050, 3300, 3344, 3351, 3352, 3353, 3354, 3355, 3361, 3362, 3363
- a course from two of the three following series:
 - **The Pentateuch:** BIBL 337x
 - **Old Testament Prophets:** BIBL 338x
 - **Old Testament Writings:** BIBL 339x
- One course from: BIBL 2510, 3341, 3342, 3343

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.

BIBLE MINOR

- 16 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.

Honors study is offered for students with strong academic records in this field. Registration is for Honors Seminar (RLGN 2900, 3900, 4900). This work parallels regular departmental courses but is more individualized to meet students' needs and interests.

BIBLE AND RELIGION MAJOR (36 hours)

- BIBL 2000, 2050, 3300
- RLGN 2000, 2040, 3320, 4010
- At least 18 hours from upper-division BIBL and RLGN courses
- One upper-division course in Old Testament
- One upper-division course in New Testament
- Remaining hours from: additional BIBL and RLGN courses;
SOCI 3170 or 2010.

RELIGION MINOR (16 hours)

- BIBL 2000
- RLGN 2000, 3320 (*It is recommended that these courses be taken before RLGN courses numbered above 3320.*)
- Remaining hours from RLGN 3420, 4010, 4270, 4650; SOCI 2010, 3170

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

- 15 hours from: BIBL 3420; PHIL 2120, 3210; RLGN 2130, 3120
- 1-3 hours of independent study
- One of the following courses may be applied: COMM 3200, NURS 4430

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 which 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 MAJOR

- 26 hours from PHIL courses

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 leads to (1) lay ministry while pursuing another profession; (2) entry-level 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 a basic biblical introduction, a ministry core involving both exploration of various ministry options and supervised practical experience, and perspective-building courses chosen from disciplines within the Department of Religious Studies.

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 persons, 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. Within either track, students may develop a set of courses around their special interests, such as parish ministry, Christian religious education, youth ministry, missions or early childhood education (in cooperation with the School of Education). Other combined interests might include church music (with the Department of Music), religious broadcasting (with the Department of Communication), counseling (with the Department of Psychology), or social ministries (with the Department of Sociology, Social Work, Criminal Justice, and Family Science), among others.

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 2040, 4010; RLGN 2120 or 2130
- 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 3050, 2200, 2270, 3250
 - **Family/interpersonal:** CMIN 3230, 3080, 3280
 - **Workplace:** RLGN 2220; CMIN 2000 (recommended for students preparing for professional study)
- 6 hours from additional upper-division courses offered by the department, not including courses applied to liberal arts requirements.

CHRISTIAN MINISTRIES MAJOR — IN-PROFESSION TRACK (50 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. The three sections of this track — the ministry core, the perspective-building courses, and the concentration — give students both depth and breadth of preparation. This track involves academic theory as well as practical dimensions of ministry, and requires students to develop a concentration of studies from disciplines within the Department of Religious Studies. A minor in a related area of study may also be added to this track.

- BIBL 2000, 2050; RLGN 2040, 4010; RLGN 2120 or 2130
- At least 3 hours from CMIN 4850 or 3340
- 12 hours from ministry core courses: CMIN 2000, 2200, 3050, 3080
- 12 hours from additional courses in one of the following concentrations (6 hours must be upper-division):
 - Bible (BIBL courses)
 - Bible and Religion (BIBL and RLGN courses)
 - Christian Ministries (CMIN courses)
 - Philosophy and Ethics (PHIL courses)
- 6 hours from additional courses offered by the department (3 hours must be upper-division), not including courses applied to liberal arts requirements.

Suggested Alternate Course Groupings:

- **Missions:**
 - CMIN 2270, 2520, 3050, 3080, 3340, 3280, 4100, 4910Although they may not apply toward the major, other possibilities could include courses in international education, area histories, foreign languages, sociology/social work, and other courses in Bible.

- **Youth Ministry:**
 - CMIN 2260, 2230, 2270, 3220, 3230, 3260, 3280
SOCI 2120, 3110, and PEHS 1440 are recommended, but do not apply toward the major.
- **Early Childhood Education:**
 - CMIN 2170, 2230

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)

HONORS STUDY

Honors study is offered for students with strong academic records in Christian ministries. Requirements include honors seminars (CMIN 2900, 3900, 4900), which are taken as part of the regular departmental courses, but which are individualized to the needs and interests of the student. For more information about honors study, consult with faculty in the Department of Religious Studies.

CHRISTIAN MINISTRIES EXPERIENTIAL EDUCATION

The Christian ministries major also offers experiential education in ministry, including internships (CMIN 4850), experiential courses (CMIN 3340, 4650) offered in conjunction with agencies such as the Christian Center for Urban Studies in Chicago and the Heart Institute in Florida, and opportunities offered through Anderson University Center for Ministry Education (AUCME).

Christian ministries majors and minors 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. Recommended as entry course for all students taking courses in this department.
- 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.
- 2100 The Bible as Literature** **3 hrs. (3, 0)**
Study of variety of literature in the Bible to enhance students’ appreciation of its beauty and

inspiration. Consideration of metaphor, poetry, and story as means through which God has communicated to the human situation. **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 Bible 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 Bible 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 Bible 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 Bible major but not the Bible and religion major. **PREREQUISITE:** BIBL 2210 or equivalent.
- 2510 Introduction to the Synoptic Gospels** **3 hrs. (3, 0)**
Survey of contemporary scholarship on Synoptic Gospels. Primary emphasis on reading and critical interpretation. **PREREQUISITE:** BIBL 2000.
- 2900 Honors Seminar** **2-4 hrs. (arranged)**
PERMISSION: 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. **PREREQUISITE:** BIBL 2000, 2050. **REPEAT:** May be repeated under a different number.
- 3341 Matthew** **3 hrs. (3, 0)**
- 3342 Mark** **3 hrs. (3, 0)**
- 3343 Luke/Acts** **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. **PREREQUISITE:** BIBL 2000, 2050. **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. **REPEAT:** May be repeated under a different number. **PREREQUISITE:** BIBL 2000, 2050.
- 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. **REPEAT:** May be repeated under a different number. **PREREQUISITE:** BIBL 2000, 2050.

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| 3371 | Genesis | 3 hrs. (3, 0) |
| 3372 | Exodus | 3 hrs. (3, 0) |
| 3373 | Deuteronomy | 3 hrs. (3, 0) |

338x *OLD TESTAMENT 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. **REPEAT:** May be repeated under a different number. **PREREQUISITE:** BIBL 2000, 2050.

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| 3381 | Isaiah/Jeremiah/Ezekiel | 3 hrs. (3, 0) |
| 3382 | Hosea/Amos | 3 hrs. (3, 0) |
| 3383 | Former Prophets: I/II Kings | 3 hrs. (3, 0) |
| 3384 | Isaiah | 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. **REPEAT:** May be repeated under a different number. **PREREQUISITE:** BIBL 2000, 2050.

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| 3391 | Psalms/Wisdom Literature | 3 hrs. (3, 0) |
| 3392 | Wisdom Literature | 3 hrs. (3, 0) |
| 3393 | Ecclesiastes | 3 hrs. (3, 0) |
| 3394 | Esther/Daniel | 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.

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 2000, 2050.

3900 **Honors Seminar** **2-4 hrs. (arranged)**

PERMISSION: Department chair.

- 4650 Independent Study** **2-4 hrs. (arranged)**
 Individual study, investigation, research or project. **PERMISSION:** Department chair.
REPEAT: May be repeated.
- 4900 Honors Seminar** **2-4 hrs. (arranged)**
PERMISSION: 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.
- 2040 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.
- 2120 Christian Spirituality** **3 hrs. (3, 0)**
 Consideration of the basis for Christian spirituality in prayer and personal discipline, personal spiritual growth, and the expression of Christian devotion. Study will be based on the spiritual classics, history of Christian spiritual practice, and the biblical basis for Christian spirituality.
- 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 persons capable of determining questions of right and wrong, good and evil. **PREREQUISITE:** BIBL 2000.
- 2210 Faith and Human Development** **3 hrs. (3, 0)**
 Study of factors affecting faith development and related concepts, attitudes and behavior in areas of morality, values and theological understandings. Nature and development of personality, birth through adulthood. 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)**
 Socio-historical 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)**
PERMISSION: 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.
- 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.
- 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:** 2007-08. **SAME AS:** ENGL 3200.
- 3320 A World of Religions** 3 hrs. (3, 0)
Introduction to the major tenets and cultural expressions of several religions. Islam, Taoism, Buddhism, Jainism, Hinduism, Judaism, Christianity, and other selected religions are compared and contrasted thematically and structurally. **PREREQUISITE:** Upper-division standing. **SAME AS:** HIST 3320.
- 3420 American Religious History** 4 hrs. (4, 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)
PERMISSION: Department chair.
- 4010 History of Christianity** 4 hrs. (4, 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.
- 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. **PERMISSION:** Department chair. **REPEAT:** May be repeated.
- 4900 Honors Seminar** 2-4 hrs. (arranged)
PERMISSION: Department chair.

PHIL COURSES

- 2000 Practicing Philosophy** 3 hrs. (3, 0)
Examination of major aspects of Western philosophy and philosophical inquiry.
- 2020 Problems in Philosophy** 4 hrs. (4, 0)
Treatment of major topics and issues: religious beliefs, value and obligation, free will determinism, mind and body, knowledge, and perception.
- 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** 4 hrs. (4, 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.
- 2220 History of Philosophy: Modern** 4 hrs. (4, 0)
Continuation of PHIL 2210, from Renaissance to present. **PREREQUISITE:** PHIL 2210.
- 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 Plato to the mid-20th century. **SAME AS:** HIST/POSC 3010.
- 3020 Development of American Thought** 4 hrs. (4, 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/POSC 3020.
- 3100 Philosophy of History** 3 hrs. (3, 0)
Concepts of history, the problem of meaning in history and possibilities of human progress. **OFFERED:** With sufficient demand.
- 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. **OFFERED:** 2007-08.
- 4200 Philosophical Theology** 3 hrs. (3, 0)
Various understandings of God with emphasis on current theological developments. **OFFERED:** With sufficient demand.
- 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. **PERMISSION:** Department chair.
- 4910 Seminar** 3-4 hrs. (3-4, 0)
Selected philosophers and philosophical problems.

CMIN COURSES

- 2000 Introduction to Church Ministry** 3 hrs. (3, 0)
Entry-level course for prospective ministerial students. Provides “whole” picture of ministry of Christian church, its theology and practice. Equips students to evaluate their call and pursue preparation for effective ministry.
- 2170 Curriculum and Instruction for Early Childhood** 4 hrs. (4, 2)
This course emphasizes curriculum and planning in the kindergarten and primary grades. Standards-based teaching and planning using developmentally appropriate strategies are stressed. Emphasis is on the uniqueness of teaching young children with an introduction to classroom organization and management. Grade of C or better required. Field experiences required. **COREQUISITE:** EDUC 2250. **SAME AS:** EDUC 2170.
- 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:** RLGN 2040; CMIN 2000.
- 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:** BIBL 2000; CMIN 2000, 2200. **OFFERED:** 2007-08.
- 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:** BIBL 2000; CMIN 2000, 2200.
- 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; CMIN 2000.
- 2900 Honors Seminar** 2-4 hrs. (arranged)
PERMISSION: 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:** BIBL 2000; CMIN 2000.

- 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:** BIBL 2000; CMIN 2000.
- 3220 Educational Ministry with Adults** **3 hrs. (3, 0)**
Approaches to educational ministry among adults in the local church. Exploration of teaching/learning processes related to common experiences in adult life. **PREREQUISITE:** BIBL 2000; CMIN 2200. **OFFERED:** 2006-07.
- 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:** BIBL 2000; CMIN 2200. **OFFERED:** 2006-07.
- 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 and 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:** CMIN 2200.
- 3250 Theology in a Parish Context** **3 hrs. (3, 0)**
This seminar course studies ways Christian education functions in its broadest sense as helping individuals and communities of faith piece together living theologies (i.e. Christian education as practical theology). Students draw upon methods of congregational study, practical theology and education for developing educational ministry approaches that equip persons for Christian vocation.
- 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 2200, 2260. **OFFERED:** 2006-07.
- 3280 Group Work in the Church** **3 hrs. (3, 0)**
Study of the nature of interpersonal relationships, personal growth in groups, nature of group leadership and group process as it takes place in the church. Consideration given to the variety of small groups in the life of the congregation. **PREREQUISITE:** BIBL 2000.
- 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. **PERMISSION:** Instructor. **GRADE:** CR/NC registration.
- 3900 Honors Seminar** **2-4 hrs. (arranged)**
PERMISSION: 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, para-church and congregational concerns. **OFFERED:** 2006-07.

- 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:** BIBL 2000; upper-division standing.
- 4650 Independent Study** **1-4 hrs. (arranged)**
Individualized study, investigation, research or project. **PERMISSION:** 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. **PERMISSION:** Instructor. **REPEAT:** May be repeated. **GRADE:** CR/NC registration.
- 4900 Honors Seminar** **2-4 hrs. (arranged)**
PERMISSION: Department chair.
- 4910 Seminar in Church Work** **1-4 hrs. (arranged)**
Special areas of study, research, or field work, under departmental direction. **PERMISSION:** 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. MacMurray, chair; Prof. Bargerstock-Oyler, Prof. Collins, Dr. Fischer, Dr. Mbitto, Prof. Pate, Prof. Pyle; 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 (35 hours)

- CRIM 2510, 2520, 3110, 4810, 4820
- SOCI 2010, 2020, 3700
- 6 hours from additional CRIM courses

Students who wish to take additional course work providing more breadth and depth in the field should consult with their advisers concerning the appropriate courses.

CRIMINAL JUSTICE MINOR (18 hours)

- CRIM 2510, 2520, 3110, 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, 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 (47-48 hours)

- SOCI 2100, 2120, 2200, 3100, 3120, 3140, 3150, 3700, 4140, 4150
- BSNS 3150; PHIL 2120; PSYC 2510; SOWK 3200
- PSYC 2100 or SPCH 3110

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 business, social service, and government, as well as for graduate study. Sociology majors who enter careers in business may work in sales, marketing, customer relations, or human resources. Those who enter human services fields often work with youth at risk, the elderly, or people experiencing problems related to poverty, substance abuse, or the justice system.

SOCIOLOGY MAJOR (33 hours)

- SOCI 2010, 2020, 2200, 3400, 2510, 3150, 3700, 3820, 4020, 4200

SOCIOLOGY MINOR (17 hours)

- SOCI 2010, 3700, 3820
- one course from SOCI 3150, 3220, or 3400
- one course from SOCI 4020 or 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 students, from the perspective of a Christian understanding of life, society, and the world, for entry-level, generalist social work practice, where they will competently and compassionately serve persons and/or systems in need and seek justice for the oppressed.

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. See the *Anderson University Social Work Program Student Handbook*, available in departmental offices, for more information.

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 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 which offer explanations for these behaviors. **PREREQUISITE:** ENGL 1120. **PREREQUISITE OR COREQUISITE:** SOCI 2010. **SAME AS:** SOCI 2510.

2520 Introduction to Criminal Justice 3 hrs. (3, 0)

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.

- 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 emerging area of family violence. Discussion of recent advances in victims' assistance, compensation and rights are also included. **OFFERED:** 2007-08.
- 3020 Principles of Law Enforcement** **3 hrs. (3, 0)**
Examines of 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. **OFFERED:** 2006-07.
- 3030 Juvenile Justice** **3 hrs. (3, 0)**
Focuses on issues related to juvenile delinquency and criminal justice processing of these matters. 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 2520. **OFFERED:** 2007-08.
- 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. **OFFERED:** 2006-07.
- 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. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **PERMISSION:** Department chair and instructor.
- 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. **PERMISSION:** 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. **PERMISSION:** Department chair and instructor. **REPEAT:** May be repeated. Total credit not to exceed 4 hours.
- 4810 Criminal Justice Internship I** **1-4 hrs. (arranged)**
Placement in a criminal justice agency under professional supervision. Planned for criminal justice majors in their junior or senior years. Forty hours of field experience is required for each hour of credit. **PERMISSION:** Instructor. **PREREQUISITE:** CRIM 2510, 2520.
- 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. **PERMISSION:** Instructor. **PREREQUISITE:** CRIM 4810.

4900 Criminal Justice Seminar **2-4 hrs. (2-4, 0)**

Intensive reading and discussion of materials concerning issues in special topic areas not covered in other criminal justice courses. **REPEAT:** May be repeated. Total credit not to exceed 8 hours. **PERMISSION:** Instructor. **OFFERED:** With sufficient demand.

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. **PERMISSION:** 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 which 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, with a particular emphasis on a postmodern context.

- 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 which offer explanations for these behaviors. **PREREQUISITE:** ENGL 1120. **PREREQUISITE OR COREQUISITE:** SOCI 2010. **SAME AS:** CRIM 2510.
- 3010 Social Psychology** 4 hrs. (4, 0)
Behavior of individual in society. Includes study of attitudes, beliefs, prejudice, aggression, leadership, altruism, and moral development. Students, in groups, design and implement their own research. **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 persons 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)
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** 4 hrs. (4, 0)
Sociological factors influencing expression of religion. **OFFERED:** With sufficient demand.
- 3220 Social Gerontology** 3 hrs. (3, 0)
Course includes theoretical concepts and services related to aging — family relations, finances, housing and retirement; social, psychological and economic aspects of health and physiological changes; role changes and role crises, preparation for widowhood and death. **OFFERED:** 2008-09. **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.
- 3650 Independent Study** **1-4 hrs. (arranged)**
 Intensive study of a sociological area not specifically covered by other courses. **REPEAT:** May be repeated. Total credit not to exceed 4 hours. **PERMISSION:** Department chair and instructor.
- 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, 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. **PERMISSION:** Instructor. **REPEAT:** May be repeated. Total 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 social theory development. Compares approaches among perspectives to selected areas of inquiry. Considers implications of sociology for social order and change. **PREREQUISITE:** SOCI 2010.
- 4020 Social Organizations and Institutions** **3 hrs. (3, 0)**
 Structure of social behavior at the micro and macro levels, plus organizational processes. Also examines complex organizations and social institutions such as the family, government, industry, medicine, and education. **PREREQUISITE:** SOCI 2010, 3820.
- 4140 Family Life and Sexuality Education** **3 hrs. (3, 0)**
 Family life and sexuality education in home, school, church, and other community agencies. Consideration given to philosophy, objectives and organization of such programs; preparation for teaching in this area; survey of materials and methods for effective teaching; and to the effective operation of audio-visual equipment in the classroom. **PERMISSION:** Instructor. **PREREQUISITE:** SOCI 2100, 3100; SOCI 3120 or 3150; senior standing.
- 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:** SOCI 2100, 2120, 3100, 3120, 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 a

local and societal level. Also considers the characteristics and impact of social class division in American society. **PREREQUISITE:** SOCI 2010, 3700.

- 4650 Independent Study** **1-4 hrs. (arranged)**
 Intensive study of a sociological area not specifically covered by other courses. **PERMISSION:** Department chair and instructor. **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 toward major or minor. **SAME AS:** ECON/HIST/POSC 4700.
- 4850 Practicum** **2-8 hrs. (arranged)**
 Actual participation under professional supervision in a social agency. **EXPECTATION:** 40 hours of field experience is required for each hour of credit. **PERMISSION:** 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. **PERMISSION:** Instructor. **REPEAT:** May be repeated. Total credit not to exceed 8 hours. **OFFERED:** With sufficient demand.
- 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. **PERMISSION:** Department chair. **PREREQUISITE:** Senior standing. **REPEAT:** May be repeated. Total credit not to exceed 4 hours.

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. (0, 1.5)**
 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 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 pri-

orities; 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; 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:** 2009-10.
- 3220 Social Gerontology** **3 hrs. (3, 0)**
 Course includes theoretical concepts and services related to aging — family relations, finances, housing and retirement; social, psychological and economic aspects of health and physiological changes; role changes and role crises, preparation for widowhood and death. **SAME AS:** SOCI 3220. **OFFERED:** 2008-09.
- 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:** 2006-07.
- 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:** 2007-08.
- 3650 Independent Study** **1-4 hrs. (arranged)**
 Intensive study of a social work area not specifically covered by other courses. **PERMISSION:** 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:** SOCI 2100, 2120, 3100, 3120, 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. **PERMISSION:** 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 persons 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, 4720, 4730.
- 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. **PERMISSION:** Department chair. **PREREQUISITE:** Senior standing. **REPEAT:** May be repeated. Total credit not to exceed 8 hours.

Statistics

Dr. Turner, director; Dr. Farmen, Dr. Griffith

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.

Administration

OFFICERS OF THE CORPORATION, 2005-2006

| | |
|---------------------|---------------------------------------|
| James L. Edwards | <i>President</i> |
| Carl H. Caldwell | <i>Vice President</i> |
| Michael E. Collette | <i>Secretary</i> |
| David L. Sebastian | <i>Dean of the School of Theology</i> |
| Sena K. Landey | <i>Treasurer</i> |
| Judith F. Matas | <i>Assistant Secretary</i> |
| Dana Stuart | <i>Assistant Treasurer</i> |

ADMINISTRATIVE OFFICERS, 2005-2006

| | |
|---------------------|---|
| James L. Edwards | <i>President</i> |
| Robert L. Coffman | <i>Vice President for Advancement</i> |
| Carl H. Caldwell | <i>Vice President for Academic Affairs and Dean</i> |
| David L. Sebastian | <i>Dean of the School of Theology</i> |
| Brent Baker | <i>Vice President for Student Life and Dean of Students</i> |
| Michael E. Collette | <i>Vice President for Enrollment Management and Information Systems</i> |
| Sena K. Landey | <i>Vice President for Finance and Treasurer</i> |

ACADEMIC ADMINISTRATION, 2005-2006

| | |
|-------------------|---|
| Carl H. Caldwell | <i>Vice President for Academic Affairs and Dean</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> |
| Andrea W. Koepke | <i>Director, School of Nursing</i> |
| Diana N. Ross | <i>Dean, School of Education</i> |
| Arthur J. Leak | <i>University Registrar</i> |
| Willi E. Kant | <i>Director of International Education</i> |
| Janet L. Brewer | <i>Director of University Libraries</i> |

EXECUTIVE COMMITTEE OF THE BOARD OF TRUSTEES, 2005-2006

| | |
|------------------------|-------------------|
| Louis E. Gerig | <i>Chair</i> |
| James R. Cook | <i>Vice Chair</i> |
| Patricia Seasor Bailey | |
| Billy Joe Hall | |
| David E. Markle | |
| Paul M. Nicholson | |
| Tom L. Ward | |

UNIVERSITY TRUSTEES

TERM EXPIRES IN 2006

| | |
|--------------------|--------------------------|
| Robert A. Culp | <i>Toledo, Ohio</i> |
| Jayne A. Grandison | <i>Yorktown, Ind.</i> |
| Martin D. Grubbs | <i>Edmond, Okla.</i> |
| Rita J. Johnson | <i>Belleville, Mich.</i> |
| Kenneth J. Long | <i>Mukilteo, Wash.</i> |
| Ann E. Smith | <i>Anderson, Ind.</i> |
| Vernon K. Smith | <i>Okemos, Mich.</i> |

TERM EXPIRES IN 2007

| | |
|------------------------|----------------------------|
| Patricia Seasor Bailey | <i>Indianapolis, Ind.</i> |
| E. Raymond Chin | <i>South Holland, Ill.</i> |
| J. Kenneth Lockhart | <i>Anderson, Ind.</i> |
| David E. Markle | <i>Anderson, Ind.</i> |
| Kerry B. Robinson | <i>Anderson, Ind.</i> |
| Tom L. Ward | <i>Edmond, Okla.</i> |

TERM EXPIRES IN 2008

| | |
|----------------------|---------------------------|
| Thomas W. Bates | <i>Palm Harbor, Fla.</i> |
| James R. Cook | <i>Indianapolis, Ind.</i> |
| Terry G. Horner | <i>Indianapolis, Ind.</i> |
| Larry J. Lilly | <i>Columbus, Ohio</i> |
| Paul M. Nicholson | <i>Anderson, Ind.</i> |
| Guy F. Perry, Jr. | <i>Indianapolis, Ind.</i> |
| Ralph E. Welton, Jr. | <i>Clemson, S.C.</i> |

TERM EXPIRES IN 2009

| | |
|-------------------------|----------------------------|
| Louis E. Gerig | <i>Indianapolis, Ind.</i> |
| Billy Joe Hall | <i>Mount Sterling, Ky.</i> |
| William H. Hardacre | <i>Anderson, Ind.</i> |
| Charles J. Myricks, Jr. | <i>Akron, Ohio</i> |
| Laura Pires-Hester | <i>Riverdale, N.Y.</i> |
| Diana L. Swoope | <i>Copley, Ohio</i> |

TERM EXPIRES IN 2010

| | |
|--------------------|--------------------------|
| Kathleen J. Confer | <i>St. Joseph, Mich.</i> |
| James L. Edwards | <i>Anderson, Ind.</i> |
| Dale M. Fontenot | <i>Opelousas, La.</i> |
| William J. Gaither | <i>Alexandria, Ind.</i> |
| Edward J. Weippert | <i>Goddard, Kan.</i> |
| James B. Winner | <i>Sharon, Pa.</i> |

Faculty and Professional Staff

Faculty (Full-Time), 2005-2006

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 School of Theology; Ph.D., The Ohio State University [1990]

KENNETH D. ARMSTRONG

Professor of Business

B.S., Olivet Nazarene University; M.B.A., Central Michigan University; Ph.D., Northwestern University [1990]

DARREL ANNAN AUSTIN

Professor of Mathematics

B.A., Mid-America Nazarene College; M.S., University of Michigan; D.A., Illinois State University [1986]

MICHAEL JOHN BAILEY

Instructor 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

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REBEKAH IRENE BAKER

Assistant Professor of Education

B.A., Anderson University; M.S., Butler University [2006]

THOMAS DAVID BAKEWELL

Associate Professor of Kinesiology

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DALE I. BALES

Professor of Chemistry; Chair, Department of Chemistry and Physics

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JENNIFER ALAYNE BARR

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B.A., DePauw University; B.A., University Argentina de J.F.K.; M.A., Indiana University [2005]

ARLON ALFRED BAYLISS

Professor of Art; Co-Chair, Department of Art and Design

B.A., (hons) Bristol Polytechnic, U.K.; M.A., Royal College of Art, London [1990]

MARIAN OSBORNE BERKY

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B.A., Wake Forest University; M.Div.,
Southeastern Baptist Theological Seminary;
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B. SAMUEL BLANCHARD

Assistant Professor of Computer Science

B.S., M.S., Ball State University [2001]

DONALD GORDON BOGGS

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B.A., M.A., University of Akron; Ph.D., Kent
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Illinois; M.S.L.S., Simmons College; Doctoral
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B.S., Greenville College; B.S., University of
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JEFFREY MICHAEL BUCK

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B.S., Houghton College; M.S.M., Roberts
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Director, Center for Public Service*

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Assistant Professor of French

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GENE ALAN OVERSTREET

Assistant Professor of Christian Education/Ministry

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REMBERT NESBITT PARKER

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B.A., University of the State of NY/Regents College; M.S., Ball State University [2001]

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Associate Professor of Accounting

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B.S., University of Connecticut; M.S., University of Arizona; M.B.A., Pepperdine University; Doctoral candidate, Indiana University [1998]

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Assistant Professor of Nursing

B.S.N., Houston Baptist University; M.A., Indiana University [2004]

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B.S., Western Illinois University; M.S., University of Wisconsin at La Crosse; Ed.D., Ball State University [1997]

KEVIN PAUL RADAHER

Professor of English; Chair, Department of English

B.A., Anderson University; M.A., Purdue University; Ph.D., Penn State University [1987]

SHERIDAN CECILE RAYL

Instructor of Education; Coordinator of Teach Indiana Program (TIP)

B.S., Anderson University; M.A.E., Ball State University [2002]

WILLARD K. REED, JR.

Professor of Philosophy

B.S., Arlington College; M.Div., Anderson School of Theology; D.Min., School of Theology at Claremont; M.A., Ph.D., The Claremont Graduate School [1978]

STEVEN DEWAIN RISINGER

Professor of Kinesiology; Director, Athletic Training Program; Head Athletic Trainer

B.A., Anderson University; M.A., Ball State University [1974]

BARRY CLINTON RITCHEY

Professor of Economics

B.A., M.A., Kent State University; Ph.D., Syracuse University [1991]

FRITZ SOULE ROBERTSON

Professor of Music

B.M., B.S., University of Maine; M.M., Boston University; D.A, Ball State University [1991]

GARY WILLIAM ROBINSON

*Associate Professor of Education;
Director, M.Ed. Program*

B.M., M.S., Butler University; Ed.D., Ball State University [2002]

REGINALD GILLIAM RODGERS

Professor of Music

B.M., Oberlin Conservatory; M.M., University of North Carolina; D.M.A., University of Maryland [1983]

DOUGLAS WILLIAM ROEBUCK

Assistant Professor of Education

B.S.Ed., M.Ed., Wright State University [1996]

JAYE ROGERS

Assistant Professor of History

B.A., M.A., New Mexico State University;
Doctoral candidate, The Union Institute [1999]

DIANA N. ROSS

Associate Professor of Education; Dean, School of Education; Director, Teacher Education

B.S., Trevecca Nazarene University; M.A., Winthrop University; Ph.D., Indiana State University [2001]

KEVIN RAY RUDYNSKI

*Professor of Art; Co-Chair,
Department of Art and Design*

B.A., Indiana University; M.F.A., University of Illinois [1990]

KENNETH GLENN RYDEN

Professor of Art

B.F.A., University of Wisconsin, Superior;
M.F.A., University of Kansas [1983]

PAUL WAYNE SALTZMANN

Professor of Mathematics

B.S., Anderson University; M.S., University of Illinois [1959]

KATY JO SAMPLE

Assistant Professor of Education

B.A., Mary Washington College; M.Ed., Ph.D., University of Virginia [2005]

KENT TRAINOR SAUNDERS

Associate Professor of Finance and Economics

B.S., Ball State University; M.A., Ph.D., Clemson University [2001]

LINDA KATHERINE SCHUBERT

Assistant Professor of Music

A.B., University of Wisconsin; M.A., Ph.D., University of Michigan [2005]

JAMES RUSSELL SCOTT

Professor of Kinesiology

B.B.A., M.S., Eastern Kentucky University;
Ed.D., Ball State University [1991]

MARIA DULCE SCOTT

Associate Professor of Criminal Justice

B.A., University of Massachusetts at Dartmouth; M.A., Ph.D., Brown University [2003]

J. DOUGLAS SEELBACH

Professor of Kinesiology

B.A., Anderson University; M.S., Ph.D., Penn State University [2000]

FREDRICK HAROLD SHIVELY

Professor of Religion; Chair, Department of Religious Studies

B.A., Anderson University; M.Div., D.Min., Fuller Theological Seminary [1974]

JOEL D. SHROCK

Assistant Professor of History

B.S., M.A., Ball State University; Ph.D., Miami University [2005]

SALLY JO SHULMISTRAS

Professor of French

B.A., California Lutheran College; M.A., Purdue University; [1973]

RICHARD LOUIS SOWERS

Professor of Music

B.M., Indiana University; M.M., Colorado State University; D.M.A., Arizona State University [1984]

LYNN SPENCER SPAULDING

Associate Professor of Biblical Studies

B.A., Anderson University; M.Div., Anderson School of Theology [1983]

SUE ELLEN SPAULDING

Instructor of English

B.A., Anderson University; M.A.T., Oakland University [1993]

STANLEY LAVERNE STEPHENS

*Professor of Mathematics; Chair,
Department of Mathematics*

B.A., Anderson University; M.S., Ph.D., Lehigh University [1971]

MERLE DENNIS STREGE

Professor of Historical Theology

B.A., Anderson University; M.Div., Anderson School of Theology; Th.D., Graduate Theological Union [1980]

LINDA K. SWINDELL

Professor of Psychology

B.A., University of Hawaii; M.A., Ph.D., Arizona State University [1993]

JULIE A. TALATINIAN

Instructor of English

B.S.W., University of Wisconsin [2005]

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*Professor of Music; Assistant Chair,
Department of Music*

B.S., M.A., D.A., Ball State University [1998]

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Associate Professor of Education

B.S., M.A., Ph.D., Indiana University [2004]

TERRY TRUITT

*Associate Professor of Business and Economics;
Dean, Falls School of Business*

B.S., M.B.A. University of North Alabama;
C.M.A., Ph.D., Mississippi State University
[1995]

KENNETH VERNON TURNER, JR.

Professor of Mathematics; Director of Statistics

B.A., Anderson University; M.A., Ball State University; Ph.D., Purdue University [1966]

SUZANNE M. WALKER

Associate Professor of Education

B.A., Ohio State University; M.A.E., Ed.D., Ball State University [1996]

CHAD EVERETT WALLACE

Associate Professor of Chemistry

B.A., Anderson University; Ph.D., University of Kentucky [2000]

MICHAEL D. WIESE

Professor of Marketing

B.S., Olivet Nazarene University; M.B.A., Oral Roberts University; Ph.D., Loyola University-Chicago [1990]

KAREN SUE WILLIAMS

Assistant Professor of Nursing

B.S.N., M.S.N., Indiana University; Doctoral candidate, Purdue University [2004]

JEFFREY WRIGHT

*Professor of Music; Dean, College of the Arts;
Chair, Department of Music*
B.M., Georgia State University; M.M., Ph.D.,
Northwestern University [1995]

REBEKAH R. YOUNGMAN-FORBES

Assistant Professor of Library Science
B.A., University of Illinois; M.L.S., Indiana
University [2000]

JUDITH ANN ZINSZER

Assistant Professor of Spanish
B.A., Hanover College; M.A., Ball State
University [1993]

**School of Theology
Undergraduate Adjunct Faculty, 2005-2006**

DAVID L. SEBASTIAN

Dean, School of Theology
B.A., Warner Southern College; M.A.,
Anderson School of Theology; D.Min., Fuller
Theological Seminary [Dean since 1995]

JOHN H. AUKERMAN

Professor of Christian Education
B.A., Anderson University; M.Div., Anderson
School of Theology; M.S., Marshall University;
Ed.D., Ball State University [1984]

WALTER FROESE

Professor of Church History
B.A., University of British Columbia; M.A.,
Ph.D., University of Chicago [1980]

JAMES WILTON LEWIS

Professor of Christian Ethics
B.S., M.B.A., Texas A&M University; Ph.D.,
Duke University [1992]

SHARON C. PEARSON

Associate Professor of New Testament
B.A., Warner Southern College; M.A.,
Anderson School of Theology; Ph.D., Fuller
Theological Seminary [2003]

BARRY L. ROSS

Professor of Old Testament
B.S., Houghton College; B.D., M.Th., Asbury
Theological Seminary; M.A., University of
Michigan; Ph.D., Drew University [1999]

GILBERT WAYNE STAFFORD

Professor of Christian Theology
B.A., Anderson University; M.Div., Andover
Newton Theological School; Th.D., Boston
University School of Theology [1976]

Faculty Emeriti

**ROBERT HORMAN REARDON, D.Min.,
L.H.D., L.L.D.**
President Emeritus since 1983

**ROBERT ARTHUR NICHOLSON, B.S.,
M.A., Ph.D.**
President Emeritus since 1990

GENE W. NEWBERRY, Ph.D., D.D.
*Professor Emeritus of Christian Theology
since 1980*

JAMES EARL MASSEY, D.D.
*Dean Emeritus and Distinguished Professor-at-
Large since 1995*

F. DALE BENGTON, D.M.A.
Professor Emeritus of Music since 1995

PATRICIA ANN BENNETT, D.S.N.
Professor Emerita of Nursing since 2000

MILTON ARTHUR BUETTNER, Ph.D.
Professor Emeritus of English since 1979

BARRY LEE CALLEN, D.Rel., Ed.D.
*University Professor Emeritus of Christian Studies
since 2005*

KENNETH E. COOK, Ph.D.
Professor Emeritus of Chemistry since 1990

DONALD LEE COLLINS, M.Div.
Professor Emeritus of Religion since 1997

SHIRLEY KING COOLIDGE, M.M.
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KENNETH LA VERNE CROSE, Ph.D.
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**DONALD BURGOYNE CRUIKSHANK, JR.,
Ph.D.**
*Professor Emeritus of Chemistry and Physics
since 2005*

GRETA GRAY DOMENIC, M.M.
Professor Emerita of Music since 1998

BARBARA ANN DOUGLAS, M.A.
Professor Emerita of Music since 2005

ROBERT GLENN FALLS, D.B.A.
*Professor Emeritus of Business and Economics
since 1987*

DWIGHT GRUBBS, D.Min.
Professor Emeritus of Applied Theology since 1995

JERRY C. GRUBBS, Ed.D.
*Professor Emeritus of Christian Education
since 2001*

SID D. GUILLÉN, Ph.D.
Professor Emeritus of Spanish since 1998

KENNETH FRANKLIN HALL, D.Min.
*Professor Emeritus of Christian Education
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THOMAS RICHARD HARBRON, M.S.
Professor Emeritus of Computer Science since 1999

DUANE CURTIS HOAK, Ed.D.
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GUSTAV JEENINGA, Th.D.
Professor Emeritus of Biblical Studies since 1989

BARBARA A. JONES, Ed.D.

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GEORGE KUFELDT, Ph.D.

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HOYT HOWARD LASH, Ed.D.

Professor Emeritus of Education since 1986

JACK CHARLES LEWIS, Ph.D.

*Professor Emeritus of Sociology and Social Work
since 1997*

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since 1987*

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ELIZABETH DARLENE MILLER, Ed.D.

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*Associate Professor Emerita of Kinesiology
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Professor Emeritus of Sociology since 1992

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since 1984*

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*Associate Professor Emeritus of Sociology and
Social Work since 2003*

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Professor Emerita of Education since 1980

GEORGE HENRY RAMSEY, B.D.

*Associate Professor Emeritus of Religion
since 1984*

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Assistant Professor Emerita of English since 2003

JAMES PAUL ROUINTREE, Ed.D.

Professor Emeritus of Music since 1998

LAWRENCE BRUCE SHAFFER, Ph.D.

Professor Emeritus of Physics since 2000

JERRY EUGENE SIPE, Ph.D.

*Professor Emeritus of Biology and Chemistry
since 2005*

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*Professor Emeritus of Speech and Drama
since 1995*

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Professor Emeritus of Library Science since 2003

JOHN M. VAYHINGER, Ph.D.

*Professor Emeritus of Psychology and Pastoral
Care since 1981*

GIBB WEBBER, M.A.

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DOUGLAS E. WELCH, D.Miss.

*Professor Emeritus of Christian Mission
since 1999*

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GERTRUDE EDNA WUNSCH, M.A.

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RICHARD MORRISON YOUNG, Ph.D.

*Professor Emeritus of Physical Education, Health
and Sport since 2000*

Professional Staff, 2005-2006

A directory of Anderson University staff is available on the Web at <http://directory.anderson.edu>.

CONSTANCE L. ALLBAUGH

*Coordinator of Student Services, School of
Theology*

BRENT A. BAKER

Vice President for Student Life

KAREN E. BALLINGER

Associate Registrar

JUSTIN B. BATES

Sports Information Director

ALEZA D. BEVERLY

Dean, School of Adult Learning

JANET L. BLACKBURN

Assistant Director, Student Financial Services

TOM S. BRUCE

*Executive Director of University Relations
and Alumni Affairs*

CARL H. CALDWELL

Vice President for Academic Affairs and Dean

ROBERT L. COFFMAN

Vice President for Advancement

MICHAEL E. COLLETTE

*Vice President for Enrollment Management and
Information Systems*

MARYANN M. COTY

Director, INVision AU

LINDA S. CUMMINS

Associate Dean of Students, Residence Life

JOE M. DAVIS

Assistant Director of Admissions

JO ELLEN H. DUMONTELLE

Director of Career Development

JAMES L. EDWARDS

President

PHIL M. FAIR

Director of Advancement Services

B. DOUGLAS GAMBRALL

*Director, Advance Program,
School of Adult Learning*

KENNETH B. HILT

Assistant Registrar

CONSTANCE R. HIPPENSTEEL

Wellness Program Director

D. BLAKE JANUTOLO

Dean, College of Science and Humanities

TIMOTHY E. JOHNSON

Associate Dean of Students

JOYCE E. JONES

Physical Plant Director

WILLI E. KANT

Director, International Education

JAMES M. KING

Director of Admissions

ANDREA L. KOEPKE

Director/Chair, School of Nursing

DENISE A.T. KRIEBEL

Director of Human Resources

SENA K. LANDEY

Vice President for Finance and Treasurer

ARTHUR J. LEAK

University Registrar

CRYSTAL G. LUNA

Director of Educational Support Services

KIMBERLY S. MAJESKI

Campus Pastor

SCOTT MARTIN

Director of International Student Services

NANCY L. MUMBOWER

Director, Student Health Services

DAVID L. NEIDERT

*Director of Christian Leadership and Seminary
Advancement*

KENNETH F. NIEMAN

Director of Student Financial Services

D. WESLEY POYTHRESS

Director of Multicultural Student Services

KAREN D. ROLLER

Executive Director of Development

N. DIANA ROSS

Dean, School of Education

JOSEPH M. ROYER

*Executive Director of Facilities and Property
Management*

DAVID L. SEBASTIAN

Dean, School of Theology

JACQUELINE SELLERS-WOMACK

Director of Counseling Services

CHERYL L. SHANK

Director of Conferences and Performance Events

KERRY L. SHAW

Director of Publications

CYNTHIA A. SMITH

Director of Information Technology Services

WALTER L. SMITH

Director of Security Services

CHARLES E. STALEY

Special Assistant to the President for Engagement

DIANNA J. STANKIEWICZ

Director, Learning Assistance Programs

DANA S. STUART

Assistant Treasurer and Controller

TERRY C. TRUITT

Dean, Falls School of Business

RINDA VOGELGESANG

Director of Disabled Student Services

CHRISTOPHER J. WILLIAMS

*Director of Media and Electronic
Communications*

KIMBERLY WOLFE

Alumni Program Coordinator

JEFFREY E. WRIGHT

Dean, College of the Arts

MICHAEL J. ZAPOLSKI

Director of Intercollegiate Athletics

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, evangelical in emphasis, and ecumenical in spirit. The School of Theology is a community dedicated to:

- **Scholarship:** Encouraging and equipping persons 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 persons 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 Theological Studies, Master of Arts in Intercultural Service, and Doctor of Ministry.

MASTER OF DIVINITY

The purpose of this 90-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

This 45-hour degree program provides a basic understanding of theological disciplines for further graduate study or for general educational purposes. It does not provide adequate preparation for pastoral ministry. Students who are preparing for ordained ministry should enroll in the Master of Divinity degree program.

ONLINE MASTER OF THEOLOGICAL STUDIES

This 45-hour degree program is offered primarily via the Internet, and is designed for those currently serving in local congregations and living more than 75 miles from Anderson, Ind. Students do most of their coursework on their own schedule.

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.

PERSONALIZED DISTANCE LEARNING

The School of Theology offers courses through distance learning opportunities. Courses may be taken by video or audio cassette in the Personalized Distance Learning Program, allowing students to study at their own pace away from campus.

CENTER FOR CHRISTIAN LEADERSHIP

The Center for Christian Leadership is a non-degree 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, and coordinates the annual endowed Newell Lectures in Biblical Studies and the Harp Lectures in Christian Theology and Leadership. The Center also 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.

CATALOG AND APPLICATION INFORMATION

The *School of Theology Catalog* and application information are available from the School of Theology. Call David Neidert, director of seminary advancement, at (765) 641-4526, or visit our Web site at www.anderson.edu/sot.

Graduate Programs

Anderson University offers several graduate programs, listed below. For specific program information and requirements, see the *Anderson University Graduate Academic Catalog*.

Falls School of Business

MASTER OF BUSINESS ADMINISTRATION (M.B.A.)

A proven program designed for the working professional. The 37-hour program is fully accredited by the Association of Collegiate Business Schools and Programs (ACBSP) and is offered on the Anderson campus and at locations in Indianapolis. Students are part of a cohort that normally meets one night a week. The program can be completed in less than two years. For more information, contact:

Dr. Jeffrey M. Buck
Director, MBA Program
Falls School of Business
Anderson University
1303 E. Fifth Street, Anderson, IN 46012-3495
(765) 641-4360; toll-free: (888) MBA-GRAD; fax (765) 641-4356
www.anderson.edu/falls/mba
e-mail: buschool@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 persons who are currently employed or desire to be employed by higher education institutions 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 persons currently teaching full time to complete the program requirements in a minimum of four years while continuing to work full time. For more information, contact:

Dr. Doyle J. Lucas
Director, DBA Program
Falls School of Business
Anderson University
1303 E. Fifth Street, Anderson, IN 46012-3495
(765) 641-4360; fax (765) 641-4356
www.anderson.edu/falls/DBA
e-mail: buschool@anderson.edu

School of Education

MASTER OF EDUCATION (M.Ed.): This 36-hour program is designed to accommodate the schedules of working educators. Two distinct degree programs are offered. The M.Ed. in *Curriculum and Instruction* is a two-year cohort program for the classroom teacher. The M.Ed. in *School Leadership and Administration* (LEAD Program) is a three-year cohort program for educators who aspire to be a school principal or administrator. Evening and summer courses are offered on the Anderson University campus. For more information, contact:

Wendy Fridley
Coordinator for Graduate Studies in Education
School of Education
Anderson University
1100 E. Fifth Street, Anderson, IN 46012-3495
(765) 641-4052; fax (765) 641-3081
www.anderson.edu/soe
e-mail: wjfridley@anderson.edu

School of Music

MASTER OF MUSIC EDUCATION (M.M.E.): 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 in three summer sessions (six weeks of coursework each summer) or in 15 consecutive months of study (this requires two summers of coursework and evening classes during the academic year). 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
Anderson University
1100 E. Fifth Street, Anderson, IN 46012-3495
(765) 641-4544; toll-free (800) 619-3047; fax (765) 641-3809
www.anderson.edu/music
e-mail: musiced@anderson.edu

School of Nursing

MASTER OF SCIENCE IN NURSING – MASTER OF BUSINESS ADMINISTRATION

(M.S.N. – M.B.A.): This innovative program leads to dual degrees in both nursing and business. Building on the excellent traditions of the School of Nursing and the Falls School of Business, this 54-hour program, which can be completed in as little as 36 months, provides the tools needed by nurse administrators who will lead complex health care organizations. The M.B.A. is fully accredited at this time. The M.S.N. is slated for accreditation in spring 2006. For more information, contact:

Paula Boley, Ed.D., M.S.N., R.N.
Graduate Coordinator
School of Nursing
Anderson University
1100 E. Fifth Street, Anderson, IN 46012-3495
(765) 641-4380; toll-free (866) 575-7148
www.anderson.edu/nursing
e-mail: pwboley@anderson.edu

Campus Facilities

RESIDENTIAL FACILITIES

- **Dunn Hall:** Completed in 1954 and renovated in 1999; houses 190 men.
- **Martin Hall:** Completed in 1958; houses 183 women.
- **Morrison Hall:** Completed in 1949; houses 183 women.
- **Myers Hall:** Completed in 1970; houses 112 men and women.
- **Rice Hall:** Completed in 1966; houses 234 women.
- **Smith Hall:** Completed in 1964; houses 205 men.
- **Fair Commons:** Apartment-style living for seniors and juniors.
- **Mansfield:** 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.

ACADEMIC/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 Instructional Materials Center, 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 School of Adult Learning, 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 Departments of Music and Art and Design, the College of the Arts, the Wilson Art Galleries, classrooms, laboratories, practice and rehearsal rooms, recital venues, a MIDI lab, a recording studio, faculty studios, and a listening center.
- **Robert A. Nicholson University Library:** Completed in August 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, and the archives of Anderson University and the Church of God.
- **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.

RECREATIONAL FACILITIES

- **Athletic Complex:** Includes Macholtz Stadium, Raven Park (baseball), 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.
- **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.

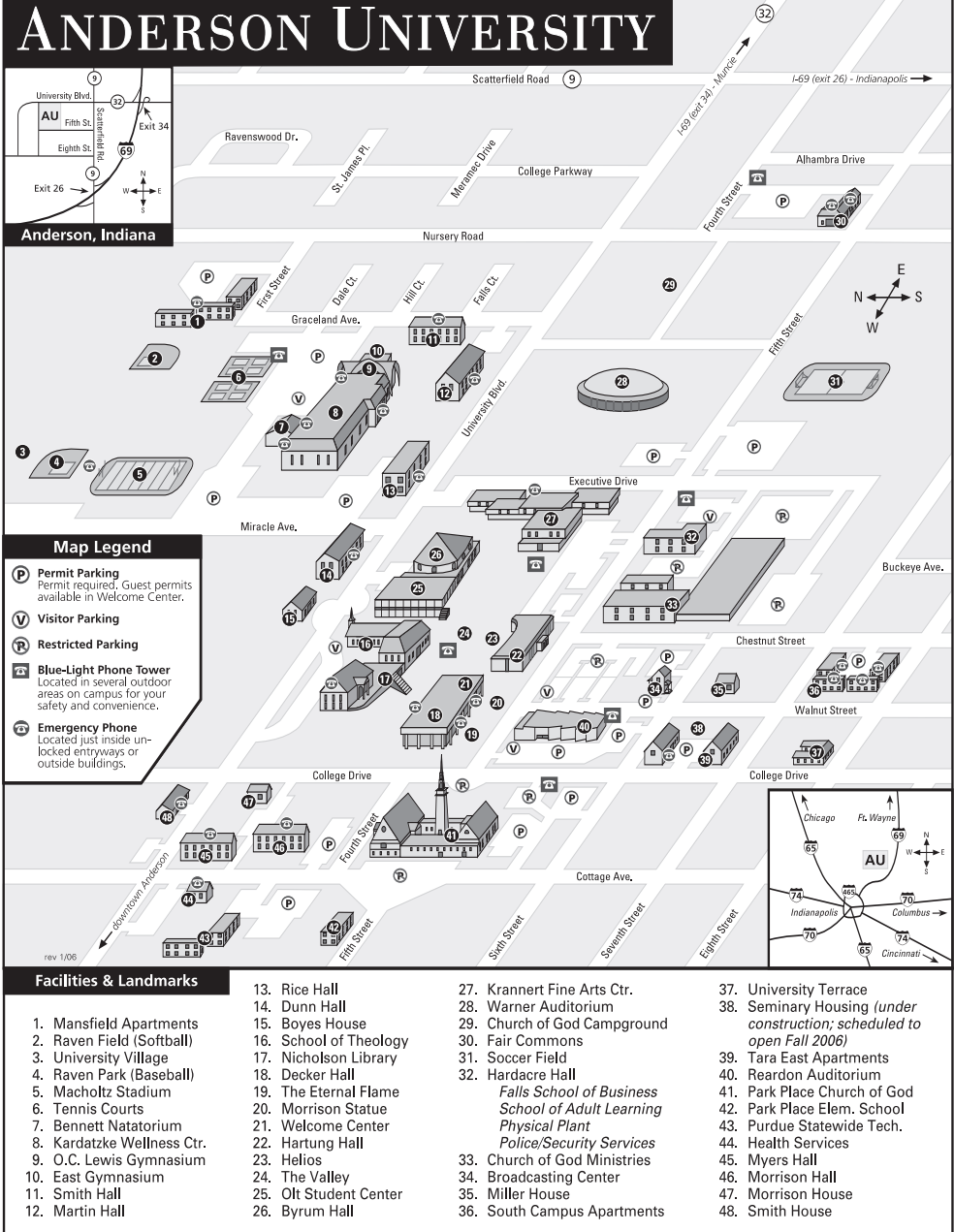
AUDITORIUMS/PERFORMANCE FACILITIES

- **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.
- **Warner Auditorium:** Has served as the venue for commencement exercises and Church of God annual convention events.

OTHER FACILITIES

- **Bolitho House:** Houses the Office of 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 University Communications.

Campus Map



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