SOUTHERN NAZARENE UNIVERSITY is:

• an approved four-year senior college for the South Central Region of the Church of the Nazarene.

• accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools with accreditation through the Master’s program. (North Central Association of Colleges and Schools, Commission on Institutions of Higher Education, 30 N. LaSalle Street, Suite 2400, Chicago, IL 60602-2504).

• accredited for Master’s degree programs in Theology (Master of Arts), Teacher Education (Master of Arts), Educational Leadership (Master of Arts), Master of Business Administration, Management (Master of Science), Counseling Psychology (Master of Science) and Marriage and Family Therapy (Master of Arts).

• approved for Teacher Education by the Oklahoma State Board of Education.

• accredited by the National Council for the Accreditation of Teacher Education (NCATE).

• accredited by the Commission on Collegiate Nursing Education.

• approved by the Oklahoma Board of Nursing.

• a member of the American Association of Colleges of Nursing.

• a member of the National League for Nursing.

• accredited by the National Association of Schools of Music.

• a member of the Association of Governing Boards of Universities and Colleges.

• a member of the Oklahoma Independent Colleges and Universities.

• a member of the American Association of Colleges for Teacher Education.

• a member of the Council for Christian Colleges and Universities.

• dedicated to the education of Christian youth.

Loren P. Gresham, Ph.D. President
Don W. Dunnington, D. Min., Vice-President for Academic Affairs
“You and the Future”

Rarely have university students thought more seriously about their lives than in these days. Early 21st Century events have forced young and old to contemplate their circumstances with concern and even anxiety. Many have elected to go, or return, to institutions of higher learning, seeking answers related to vocation, calling, purpose, and relationships. In periods of uncertainty, study and reflection often provide answers to the most important questions we will ever consider.

For over a century, Southern Nazarene University has been a place where dedicated faculty have partnered with students to find guidance in coping with life’s most significant issues. Easy answers are not usually the result of the search. Genuine openness and honest seeking produce answers that sustain one even in the most challenging times. This type of community learning is at the heart of our mission to “educate for responsible Christian living.”

Founded in 1899 by people of deep faith, SNU exists to lift up Jesus Christ, to develop knowledge of the Holy Bible, to intentionally integrate faith with all knowledge, and to produce leaders with a servant heart. Learning and service go together naturally in our community of seekers.

If this type of educational philosophy appeals to you, read further. Southern Nazarene University may be the institution that can fill your need to prepare for the future!

Loren P. Gresham, Ph.D., President
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<td><strong>FALL SEMESTER</strong></td>
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<tr>
<td>Admission Form Deadline</td>
<td>Aug. 8</td>
<td>Aug. 6</td>
<td>Aug. 5</td>
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<tr>
<td>Faculty Orientation (Wed.-Thurs.)</td>
<td>Aug. 20-21</td>
<td>Aug. 18-19</td>
<td>Aug. 17-18</td>
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<td>Registration</td>
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<td>Aug. 25-26</td>
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<td>Classes Begin (Thurs.)</td>
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<td>Aug. 26</td>
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<tr>
<td>Last day to enroll (no late fee)</td>
<td>Aug. 28</td>
<td>Aug. 26</td>
<td>Aug. 25</td>
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<tr>
<td>Last day for new enroll/adds</td>
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<td>Board of Trustees</td>
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<tr>
<td>Fall Revival</td>
<td>Oct. 12-16</td>
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<td>Final Exams (Mon-Thurs.)</td>
<td>Dec. 15-18</td>
<td>Dec. 13-16</td>
<td>Dec. 12-15</td>
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<tr>
<td>Semester ends (Thurs.)</td>
<td>Dec. 18</td>
<td>Dec. 16</td>
<td>Dec. 15</td>
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<tr>
<td>Winter Commencement (Sat.)</td>
<td>Dec. 13</td>
<td>Dec. 11</td>
<td>Dec. 10</td>
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<td><strong>JANUARY MINITERM</strong></td>
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<tr>
<td>Session Begins/Ends</td>
<td>Jan. 5-16</td>
<td>Jan. 3-14</td>
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<td>(incl. Sat. Jan. 7)</td>
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<tr>
<td><strong>SPRING SEMESTER</strong></td>
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<td>Admission Form Deadline</td>
<td>Jan. 9</td>
<td>Jan. 7</td>
<td>Jan. 6</td>
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<tr>
<td>Faculty Orientation (Thurs.)</td>
<td>Jan. 15</td>
<td>Jan. 13</td>
<td>Jan. 12</td>
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<tr>
<td>Registration</td>
<td>Jan. 16, 19</td>
<td>Jan. 14, 17</td>
<td>Jan. 13, 16</td>
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<tr>
<td>Classes Begin (Mon.)</td>
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<td>College Days</td>
<td>Feb. 5-7</td>
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<td>Board of Trustees</td>
<td>Mar. 4-5</td>
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<td>Youth Extravaganza</td>
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<td>Good Friday Recess</td>
<td>Apr. 9</td>
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<td>Final Exams (Mon-Thurs.)</td>
<td>May 10-13</td>
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<td>May 8-11</td>
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<tr>
<td>Semester ends (Thurs.)</td>
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<td>May 12</td>
<td>May 11</td>
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<tr>
<td>Commencement (Sat.)</td>
<td>May 15</td>
<td>May 14</td>
<td>May 13</td>
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<td><strong>MAY MINI / SUMMER</strong></td>
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<td>May Miniterm</td>
<td>May 17-28</td>
<td>May 16-27</td>
<td>May 15-26</td>
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<tr>
<td>Summer Session</td>
<td>May 31-Jun 25</td>
<td>May 30-Jun 24</td>
<td>May 29-Jun 23</td>
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(This calendar is tentative and subject to change.)
MISSION

Mission
Southern Nazarene University educates students for responsible Christian living within the contexts of the liberal arts, selected professional and graduate studies, a Wesleyan-holiness theological perspective, and a cross-cultural community life. Through its primary relationship to the Church of the Nazarene in the South Central Region of the USA, the University is the church at work in higher education integrating faith, learning, and life.

Purpose Statements
The Southern Nazarene University mission guides faculty, administration, staff, and students in seeking to transform society and focuses our efforts on the following purposes:

Inviting the university community to live as followers of Christ and to encounter the Wesleyan vision of Christian life and thought;

Establishing and maintaining undergraduate and graduate programs that equip students to be life-long learners and assist them in personal and professional preparation;

Providing educational excellence for students who represent a wide range of academic ability, life experience, and socio-economic and ethnic backgrounds;

Encouraging development of the whole person by engaging students in responsible participation and leadership in co-curricular programs;

Promoting student learning through both cross-cultural educational and service opportunities; and

Achieving and sustaining a level of institutional stewardship adequate to support and enhance the mission of the University.

Motto
The university motto of Character – Culture – Christ has been used for nearly 75 years and although the mission has undergone various modifications in wording and emphasis, the descriptors of the motto reflect the institution’s most basic ideals. The continuity provided by this motto keeps the institution focused on the pivotal role of education in character development, the nurturing of cultural appreciation and critique, and the tremendous potential of simultaneously pursuing the best in both educational endeavor and Christian commitment. These aspects of the motto come together to provide the foundation for the mission of "educating for responsible Christian living."
Location

Southern Nazarene University is located on a 44-acre site in Bethany, Oklahoma, a western suburb of Oklahoma City. An additional 137 acres is under long-term lease from the Oklahoma City Airport Authority and City of Bethany for use as an athletic complex. Oklahoma’s largest city, Oklahoma City is at the crossroads of three interstate highways (I-40, I-44, and I-35) and is served by several national and regional airlines. SNU also maintains a campus center in Tulsa, Oklahoma.

A Christian Community

Southern Nazarene University is committed to the development of the whole person. All interactions on campus are guided toward this goal. Personal development occurs throughout the campus community as faculty and staff engage students in opportunities that promote maturation, enhancement of skills, and the integration of faith, learning, and living. Christian spiritual formation, academic excellence, leadership skill enhancement, and social maturation are all vital dimensions of an SNU education. Students at SNU find they are welcomed by highly trained faculty and staff, who will take the time to encourage them to become all God intends for them to be.

Although Southern Nazarene University is an institution of the Church of the Nazarene, over thirty denominations are represented in the student body. All who desire a solid education in an atmosphere that is thoroughly Christian are welcome. SNU seeks to help students know Jesus Christ as Savior and Lord, and to acquaint them with the redemptive message of the Bible.

A unique dimension of SNU community life is its emphasis on the integration of all aspects of life. Spiritual formation, therefore, pervades the work of the entire University community. Deep commitment to the Christian faith, high standards of excellence in learning, and great devotion to integrity in living are dynamically brought together on the SNU campus. These commitments translate into a supportive, caring environment where close friendships can grow and where students and faculty can grow together in Christian community.
Service and Outreach

As important as a sense of Christian fellowship and community is at Southern Nazarene University, students, faculty, and administrators feel a responsibility to reach out and serve those outside the Christian community. To provide students with many possible avenues of service, SNU sponsors many volunteer service programs. Student organizations, academic clubs, honor societies, and various ministry groups engage in service projects in the local community. The importance of service is emphasized by incoming students' participation in a major service project as a part of their orientation week at SNU. Students quickly come to know SNU as a place where service to others receives priority.

Several student groups travel to churches on the SNU region in evangelistic outreach work throughout the year. SNU's musical ensembles (such as University Singers, Chorale, Jazz Band and Chamber Orchestra) engage in both regional and international travel opportunities as well. In recent years, students have traveled to several European countries, Central America, South America, Australia, Bulgaria, and Russia. These tours provide students with a variety of settings for musical performance and for service. Even students who do not choose to travel find themselves exposed to an international flavor at Southern Nazarene University, where 35-40 states and approximately 30 countries are represented in the student body.

Commission Unto Mexico

Expanding one's understanding of a Christian worldview and service to people in other cultures is also a part of the mission of SNU. The Student Government Association of SNU has sponsored work and witness projects in Mexico, Central America, South America, and the Caribbean. In recent years, SNU has developed a tradition in which students, faculty and administration join with people from across the South Central Region of the Church of the Nazarene for an annual "Commission Unto Mexico" project. Every Christmas Break, scores of students, faculty, administrators, and regional church members spend time building church facilities, providing medical care, and sharing Christ's love with those in another culture.
Global Mission Efforts

Many of our students have taken advantage of opportunities to serve and share the gospel in longer assignments. SNU, in partnership with the International Church or the Nazarene, has taken on the responsibility of opening mission work in Bulgaria, Croatia, and Slovenia. Dozens of students and graduates have been actively involved in revitalizing the church’s work in Italy, Spain, and other countries. This volunteer work includes such assignments as teaching English as a second language, hospital visitation, prison ministry, coaching, and agricultural development.

Excellence in Academics

At Southern Nazarene University, enthusiasm for academic excellence is catching. The SNU mission of educating for responsible Christian living includes a firm commitment to loving God with the mind as well as the heart, soul, and strength. In pursuing this commitment, students are challenged to engage significant ideas and to examine those ideas in light of Christian truth, so that they can become educated persons of faith. Many schools offer excellent training; some schools emphasize a Christian perspective. SNU is thoroughly committed to combining academic excellence with a well-founded Christian worldview.

Southern Nazarene University is regionally accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools, and by a wide variety of professional accrediting agencies. A detailed list of accreditation information is given at the beginning of this Catalog. SNU is known for its challenging academic programs and the quality of its graduates. At the same time, the University does not deny admission on the basis of academic ability. The SNU student body is comprised of people with the full range of academic talent and preparation, from highly gifted to those who are struggling for academic success. In this way, the University becomes a microcosm of the body of Christ, where living in Christian community becomes a reality.
SOUTHERN NAZARENE UNIVERSITY

The success of SNU graduates reflects the commitment of faculty and administrators to thoroughly prepare students for their chosen avenues of service. SNU graduates enter a wide variety of occupational settings after having earned well-respected academic credentials at the University. Likewise, graduates from the University’s pre-professional programs are welcomed as strong candidates into the best professional schools all over the country.

While SNU faculty members are active, respected, and published in their professions, their principal concern is to teach effectively. Nearly all of the full-time faculty members teach both freshman and senior courses. A favorable faculty-student ratio makes it possible for students to receive personalized help not available at many larger universities. SNU students are also fortunate to have facilities, equipment, and opportunities usually available only at much larger universities.

**Academic Programs**

The following list indicates academic program tracks offered at Southern Nazarene University:

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<thead>
<tr>
<th>UNDERGRADUATE PROGRAMS</th>
<th>Speech Comm.</th>
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<tr>
<td>Accounting</td>
<td>Education</td>
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<tr>
<td>American Studies</td>
<td>Sport Enterprise</td>
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<td>Athletic Training</td>
<td>Sport Information</td>
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<tr>
<td>Aviation-Business</td>
<td>Sport Management</td>
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<tr>
<td>Biology</td>
<td>Sport Marketing</td>
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<tr>
<td>Biology-Chemistry</td>
<td>Systems Network</td>
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<td>Biology Education</td>
<td>Management</td>
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<tr>
<td>Business</td>
<td>Theology &amp; Ministry</td>
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<tr>
<td>Administration</td>
<td>GRADUATE PROGRAMS</td>
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<tr>
<td>Chemistry</td>
<td>M.A. in Education</td>
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<tr>
<td>Chemistry Education</td>
<td>M.A. in Educational Leadership</td>
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<td>Christian Education</td>
<td>M.A. in Marriage &amp; Family Therapy</td>
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<td>Church Music</td>
<td>M.A. in Theology</td>
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<td>Computer Information</td>
<td>M.A. in Theology Administration</td>
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<td>Systems</td>
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<td>Computer Science</td>
<td>M.S. in Counseling Psychology</td>
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<td>Elementary Education</td>
<td>Bridge</td>
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<tr>
<td>English</td>
<td>Family Studies &amp; Gerontology</td>
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<td>English Education</td>
<td>Nursing</td>
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<tr>
<td>English - Literature Environmental Studies</td>
<td>Organization</td>
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<tr>
<td>Exercise Science</td>
<td>Leadership</td>
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<td>Finance</td>
<td>Network</td>
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<td>History</td>
<td>Management</td>
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<td>Human Relations</td>
<td>ASSOCIATE OF ARTS PROGRAMS</td>
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<td>International Studies</td>
<td>Aviation</td>
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<td>Journalism - Broadcast</td>
<td>Business</td>
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<td>Journalism - Print</td>
<td>Communication Arts</td>
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<td>Kinesiology</td>
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<td>Management</td>
<td>Speech</td>
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<tr>
<td>Marketing</td>
<td>Spanish</td>
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**Mass Communication/ Journalism**
**Mathematics**
**Math Education**
**Missions**
**Music Business**
**Music Education**
**Music - Instrumental Performance**
**Music - Keyboard Performance**
**Music - Vocal Performance**
**Nursing**
**Physical Education - Health & Safety K-12**
**Physics**
**Pre-Agriculture**
**Pre-Allied Health**
**Pre-Dental**
**Pre-Dietetics**
**Pre-Engineering**
**Pre-Law**
**Pre-Medical**
**Pre-Occupational Therapy**
**Pre-Pharmacy**
**Pre-Physical Therapy**
**Psychology**
**Social Studies**
**Education**
**Sociology**
**Sociology - Criminal Justice**
**Sociology - Pre-Social Work**
**Spanish**
**Spanish Education**
**Speech**
**Communication**
Educational Goals

Academic programs at Southern Nazarene University are designed to achieve two major educational goals: 1) to help students become critical and creative thinkers who can clearly discern and communicate a Christian perspective in every aspect of life; and 2) to prepare students for successful professional careers.

Working toward the fulfillment of the first goal, SNU's General Education program is an integral part of a liberal arts education. The General Education program attempts to engage the student's whole being and apply Christian faith and principles to the fundamental questions of thought and life. To achieve the second educational goal of professional preparation, the many four-year degree programs in specialized areas, and the selected Master's degree programs, have been developed and refined over the years.

Student Conduct

Southern Nazarene University, as an educational community sponsored by the Church of the Nazarene, has adopted a mission statement focused on "educating for responsible Christian living." SNU is a community of developing scholars and growing Christians. Behavioral expectations emerge because of the unique nature of this community. By applying for and receiving admission to the University, students freely and willingly choose to take upon themselves the responsibilities outlined in both this Catalog and the Student Handbook. As an institution that desires to be founded upon the person and teachings of Jesus Christ, SNU invites persons of varying backgrounds to join a community whose life together is based on the following principles:

1. Loving God and being accountable to Him are the primary motivations for Christian relationships and behavior.
2. The Bible is our authority; it provides the essential teachings and principles for personal and community conduct.
3. God, through the Holy Spirit, places in every believer the inner resources and attributes to minister to others through supportive relationships.
In addition to these principles, members of the SNU community voluntarily commit themselves to the following standards of behavior, which result from the conviction that these standards serve the good of the individual as well as the institution. Specific conduct unacceptable on or off campus includes theft, vandalism, disorderly conduct, hazing, disruption of University operations, academic dishonesty, gambling, social dancing, sexual misconduct, possession/use of pornographic material, discriminatory or demeaning behavior, immodest or inappropriate apparel, use or possession of tobacco, alcoholic beverages, or illegal drugs, and other conduct inconsistent with the goals and traditions of the University.

Detailed information on these policies and others are printed in the Student Handbook, available through the Office of Student Development, and in various departmental handbooks, available through each respective academic department. Students are expected to familiarize themselves with all policies and regulations applicable to their program of study. Students who violate these policies and regulations are subject to disciplinary action, which may lead to suspension or dismissal from the University.

**Spiritual Development**

**Chapel**

Chapel services, which meet each Tuesday, Wednesday, and Thursday, form the cornerstone of spiritual development efforts at SNU. Chapel is the only setting in which the entire campus gathers regularly for worship, enrichment, and community building. Students are exposed to a variety of speakers, challenged to expand their worldview, encouraged to be their best, and challenged by the implications of the Christian faith. Students participate in music and worship leadership.

Because of its significance to campus life, attendance is required of all students enrolled for nine (9) or more hours. Graduate students, undergraduates over the age of 23, and students who have received credit for eight (8) semesters of Chapel may be exempt from required Chapel attendance. Requests for exemption from Chapel due to work schedule must be approved through the Office of Student Development. Generally, if a student’s schedule requires the student to be in class either immediately before or after Chapel on a given day, the student is required to attend Chapel.

**Ministry Opportunities**

In addition to Chapel services, Southern Nazarene University offers a variety of opportunities for spiritual growth and development. Students can participate in small groups, service projects and ministry organizations. The Office of Spiritual Development coordinates and provides resources for many of these efforts. The motivation and inspiration, however, comes from the students, faculty and staff. A number of these specific opportunities are highlighted under the SERVICE AND OUTREACH section.

**Community Life**

Community Life, a service within Student Development, provides opportunities for personal growth and development through quality, low-cost student activities that enhance the “spirit of place” which promote the mission of the University. A wide variety of activities is available to students during the year through various organizations on campus. Community Life facilitates quality opportunities in leadership skill development.

**Student Government**

Students participate in the life of Southern Nazarene University through the Student Government Association (SGA), student-faculty committees, departmental clubs, judicial councils, and personal interaction with faculty and administrators. It is
the aim of the University administration to encourage principles of self-government within the institution.

SGA is a constitutional organization of the entire student body created for the purpose of developing student activities and services. The activities of the SGA are managed by student executive officers, who are elected annually by their peers. The Director of Community Life serves as primary advisor to the student government.

**Student Organizations**
For students with specialized interests, there are various clubs with academic, social, and practical benefits. Student organizations are available in several academic areas, including the natural sciences, the social and behavioral sciences, business, education, languages, and music. Several campus honor societies are actively involved in community life. Several dramatic, athletic, ministry, literary, and political groups add vitality to the life of the University.

**Student Publications**
The official publication of the student body is the *Echo*, published weekly. The staff positions afford interested students opportunity for practical training in journalism. The subscription price for the paper is included in the student fee. *Native Tongues*, a literary magazine published periodically, also features students’ contributions of original work.

The *Arrow* is the student yearbook and is a pictorial record of college activities during the academic year. The publication is supported by student fees and advertising. A number of student positions are available on the *Arrow* staff.

**Residence Life at SNU**
Southern Nazarene University places value on a residential education for its students. A residential experience can contribute greatly to students’ development, enhancing their total educational experience. A residential experience at SNU includes a living-learning environment that promotes interpersonal development, academic achievement, and Christian discipleship through group interaction.

SNU residence halls (Hatley and Garey Halls for women, Snowbarger and Bracken Halls for men), Imel Townhouses and Asbury and Chapman Apartments, are staffed by a resident director and student resident advisors who work together to provide leadership, administration, community development activities and para-professional counseling to residential students. Chapman Hall Apartments also provide some housing for married students wishing to live on campus.

Because of the priority placed on the residential experience, single students under 22 years of age are to live in residence at the University. Students living at home with parents may choose to remain in that setting.

Food service is provided to SNU students through Sodexho Services. Various meal plans are available so students can select an option that best suits their needs. Residential students are required to purchase a meal plan.

Detailed explanations of these policies are published in the *Student Handbook*, available through the Office of Student Development. Students should contact the Office of Student Development for detailed information as to the conditions under which an exception to policy requirements would be considered and procedures for requesting any waivers.
SOUTHERN NAZARENE UNIVERSITY

Student Services

Counseling Services

Recognizing that students have a variety of concerns, problems, interests, and needs, SNU provides a non-fee, on-campus counseling program staffed by professional counselors. Services are confidential, oriented towards problem-solving, and designed to increase coping skills and maintain the ability to function at full capacity. Students, staff and faculty are encouraged to take advantage of these counseling opportunities, located in the Office of Student Development.

Orientation Program

The mission of SNU’s Orientation Program is to assist students in their transition to university life and to integrate them fully into the life of the institution. Through multiple opportunities for building student-to-student and faculty-to-student relationships, new students are led to an increased understanding of the intellectual, social, cultural, and spiritual climate of Southern Nazarene University. This comprehensive freshman year experience includes two components. The first, called New Student Institute, centers on addressing the student’s immediate transitional challenges while the second component, called New Student Seminar, deals with long-term orientation concerns.

The Institute is an intensive, multi-day orientation experience held immediately prior to the opening of the Fall semester, in which the new student is immersed in SNU campus life. Family groups of 10-15 students, led by faculty and student mentors, are brought together for a variety of events during their first days on campus. These events include social activities and orientation seminars focused on the learning of essential survival skills, times for spiritual reflection, experiencing SNU traditions, opportunities for building interpersonal relationships with faculty and fellow students, investing in community assistance projects as we seek to unite service and ministry, and beginning the process of adjustment to academic life. The supportive context of the Institute family group continues during the first part of the semester as students undergo the process of making new friends, attending class, learning to live with a roommate, and getting acquainted with life as a college student, as these groups meet during designated Chapel hours in September.
The Seminar is the course component of the freshman year experience and focuses on the student's acculturation to Christian higher education. Complementing the first week's activities, the Seminar is taught by seasoned faculty members and represents a model course for what students should expect in college-level work. The course work requires reflection and active engagement with a variety of topics ranging from the pragmatic (time management and how to compute a GPA) to the more theoretical (such as what a worldview is and why it matters). Through the Seminar, new students are introduced to the vision of Christian higher education, to the meaning of vocation, and to an understanding of the worldview perspectives from which values are derived.

Spring Orientation is an abbreviated period of orientation and advisement offered for students who enter the University in the Spring semester. This time of orientation is conducted immediately prior to the opening of class in the Spring.

Career Center

Three components of services are offered through SNU's Career Center, located in the Webster Commons.

Student Employment. The most significant priority of the Career Center is to assist current students in locating part-time or full-time employment. A current listing of jobs on campus and in the local community is available.

Career Interest. Assistance is available to students unsure about their career direction. The Center offers vocational and interest testing, self-assessment tools, vocational outlook and career information.

Placement Services. These services include assistance in preparing resumes, enhancing interviewing skills, periodic campus interviews with prospective employers, job-listing, alumni networking, and an annual Career Pursuit job fair in cooperation with other local liberal arts colleges.

Health Services

The University provides a Student Health Center staffed by a registered nurse. The clinic staff works under the supervision of a local physician who volunteers a number of hours per week for student visits. Under the protocols established and monitored by the supervising physician, students have access to lab services, testing and prescriptive services at a minimal charge.

Prior to enrollment, students entering the University are required to provide records of the following immunizations: tetanus, tuberculosis, polio, measles, rubella, and mumps. This requirement is designed to protect the individual and the community in the prevention of communicable disease.

Computer Network and Access

Network accounts are assigned to students. Accounts provide Internet and worldwide web access, network access, e-mail, and access to all computer labs on campus (covered by the technology fee). Student accounts are activated at the start of each semester. Each User is assigned a User Login ID and Password. Student e-mail addresses typically consist of the Login ID followed by @mail.snu.edu. Example: jdoe@mail.snu.edu

Students may choose to connect their personal computer to the campus network, and each dorm room is equipped with a network connection to facilitate this option. There is a one-time charge for purchase of the required network interface card and cable. Further information is available from the Network Help Desk at (405) 491-6396.
Computer labs are available for student use in the Royce Brown Building, Science Hall, Learning Resources Center Media Center, School of Education (Macintosh), and Fine Arts (Macintosh). Printers are also available in each lab. Lab assistants are normally on duty during afternoon and evening hours. IBM labs are equipped with Office XP, including Word, Excel, PowerPoint and Access, as well as a variety of specific course-required software. GroupWise is used for e-mail. Macintosh labs are equipped with Microsoft Office, Claris Works and education-related software.

Leisure Services

The Leisure Services program is provided in conjunction with the Department of Kinesiology and Sport Management. Supported through student fees and facilitated by student leaders, Leisure Services offers a variety of indoor and outdoor recreational opportunities. An intramural sports program also provides activities for a majority of the student body.

Intercollegiate Athletics

Southern Nazarene University is a member of the National Association of Intercollegiate Athletics (NAIA) and participates in intercollegiate competition in the Sooner Athletic Conference. Through athletic competition, students who are skilled athletes have the opportunity to excel to the highest potential of their abilities. The development of Christian faith and character, as well as academic success are fundamental goals of the athletic program of SNU.

Intercollegiate sports for women include basketball, golf, soccer, softball, tennis, track and cross-country, and volleyball. Men's intercollegiate competition includes programs in baseball, basketball, football, golf, soccer, tennis, track and cross-country.
Campus Buildings/Academic Facilities

Bresee Hall is an SNU landmark. Originally built in 1918, it was renovated in 1993. The University’s Administrative Offices are located in this building.

Broadhurst Physical Education Center, remodeled in 2002, is a center of activity for intramural activities, and campus Leisure Services, as well as the primary classroom and office facility for the Department of Kinesiology & Sport Management.

Cantrell Music Hall, which was extensively renovated in 1975, houses a small recital hall, an excellent Bosendorfer grand piano, and a 37-stop Schliker tracker pipe organ. Some faculty offices for the School of Music are located here.

The Fine Arts Center, renovated in 1989, houses a number of teaching studios for School of Fine Arts faculty, several large classrooms, rehearsal rooms for various vocal and instrumental ensembles, and practice rooms available for student use.

Herrick Hall, renovated in 1997, houses faculty offices and classrooms for the School of Education and for the English, Modern Languages, and Speech Communication Departments, as well as the TV studio. Herrick Auditorium is the site for SNU’s Chapel services three times a week. The university’s Information Technology Center, Print Shop, and other offices are located in this building as well.

Jernigan Hall houses the SNU School for Children. This elementary school, operated through the SNU School of Education, provides many opportunities for observation, laboratory work, and practice instruction for SNU’s Teacher Education majors.

Ludwig Hall is the site for the classrooms and offices of the SNU School of Theology & Ministry.

The Royce Brown Building, built in 1981, provides on the first floor, classrooms, conference rooms, and office space for the SNU School of Business and the Graduate Studies in Management program. The Royce Brown Computer Lab is also located on this floor. The building’s second floor is the site of classrooms and offices for the School of Graduate & Adult Studies.

The R. T. Williams Learning Resources Center houses the SNU library, Media Resources Center (MRC), Computer Research Center, SNU Archives, and the Academic Center for Excellence (ACE). In addition to its in-house collections, the library utilizes electronic full-text access to a large number of periodicals. Public access is available through the university’s web page, and interlibrary loan service provides access to millions of books and periodicals throughout the nation. The MRC provides checkout services for the campus, and houses one of the campus computer labs. The Archives provide access materials concerning the history of SNU. Housed on 3rd floor, The Academic Center for Excellence provides a variety of academic support services. The Student Support Services program targets assistance to first-generation, low-income, and/or disability students. Support and accountability services for probation students is provided through ACE, as is oversight of tutoring services, the Paper Resource Center, and supplemental instruction.

The Sawyer Center is the newest addition to the SNU campus. This 98,000 square-foot, multi-million dollar, state-of-the-art facility is the new home of Crimson Storm men’s and women’s basketball and women’s volleyball and provides practice facilities for other varsity sports. The Center hosts Commencement exercises, concerts, and convocations, and has been recognized as one of the finest small college facilities in the nation.

The W. Don Beaver Science Hall is home to a number of SNU departments, including classroom, laboratory, and office facilities for the Departments of Biology, Chemistry, Computing and Information Systems, Mathematics, Physics, History, Psychology, Sociology, and the School of Nursing. The Graduate Programs in Counseling (MSCP/MAMFT) and the SNU Testing Center are also located in this building.

Webster Commons: houses a variety of student services, including the Sodexo dining hall, the Storm Cellar cafe, the Game Room, conference rooms, University Store, student health services, Student Government Association offices, the
SOUTHERN NAZARENE UNIVERSITY

Echo and Arrow offices, the Office of Spiritual Development, and the Office of Student Development (including Community Life, Counseling, Career Center, and Housing).

A Rich Heritage

Southern Nazarene University is the recognized University for the South Central Educational Region of the Church of the Nazarene, which includes Oklahoma, Arkansas, Texas, and Louisiana. Known since 1986 as Southern Nazarene University (formerly Bethany Peniel College/Bethany Nazarene College), the institution developed through the merging of several educational institutions with the college located at Bethany:

<table>
<thead>
<tr>
<th>Institution</th>
<th>Founded</th>
<th>Location</th>
<th>United to form SNU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peniel College</td>
<td>1899</td>
<td>Peniel, Texas</td>
<td>1920</td>
</tr>
<tr>
<td>Arkansas Holiness College</td>
<td>1900</td>
<td>Vilonia, Arkansas</td>
<td>1931</td>
</tr>
<tr>
<td>Bresee College</td>
<td>1905</td>
<td>Hutchinson, Kansas</td>
<td>1940</td>
</tr>
<tr>
<td>Beulah Heights College</td>
<td>1906</td>
<td>Oklahoma City, Okla.</td>
<td>1909</td>
</tr>
<tr>
<td>Oklahoma Holiness College</td>
<td>1909</td>
<td>Bethany, Oklahoma</td>
<td>1920</td>
</tr>
<tr>
<td>Central Nazarene University</td>
<td>1910</td>
<td>Hamlin, Texas</td>
<td>1929</td>
</tr>
</tbody>
</table>

These educational institutions were founded by men and women who felt the urgent need for trained Christian leadership, both lay and ministerial. In order to provide the best instruction for students in their educational region and to meet the demands of increasing educational requirements set by the Church and the State, educators periodically merged their schools. Grade records from these schools are on file in the Registrar's Office at Southern Nazarene University.

Presidents of Southern Nazarene University since its merger have been: A.K. Bracken, 1920-28; S.S. White, 1928-1930; A.K. Bracken, 1930-42; S.T. Ludwig, 1942-44; Oscar J. Finch, 1944-47; Roy H. Cantrell, 1947-72; Stephen W. Nease, 1972-76; John A. Knight, 1976-85; Ponder W. Gilliland, 1985-89; Loren P. Gresham, 1989-
Admissions
and
Academic
Regulations

Divider Page
ADMISSIONS AND ACADEMIC REGULATIONS

Southern Nazarene University offers undergraduate programs leading to various associate and baccalaureate degrees. The curricula are designed to meet the educational needs of students drawn from a wide geographical area, representing diverse preparatory backgrounds, and having different vocational, professional, and cultural goals. The administration reserves the right to make such minor adjustments in stated curriculum requirements as may, in an individual case, be justified. Any deviation from a stated requirement, however, may be made only by the appropriate Dean or the Vice-President for Academic Affairs. Any such adjustment must also fulfill the purpose of the stated curriculum and be in harmony with generally accepted educational practice.

Admissions Policies

Admission to Southern Nazarene University is based upon evidence that the applicant will be able to adjust to the standards and regulations of the University, and has the necessary educational background to do satisfactory work. Permission to enroll at SNU is a privilege and carries with it certain responsibilities. The University reserves the right to cancel enrollment or require withdrawal if the student does not conform to the established standards of scholarship and conduct.

Steps to Admission

Application for admission begins by submitting a completed Admission Form, along with an application fee of $25.00 to the Office of Admissions, Southern Nazarene University, 6729 N.W. 39th Expressway, Bethany, OK 73008. Students applying to SNU’s traditional degree programs should follow these steps:

- Submit a completed Southern Nazarene University Admission Form.
- Enclose an application fee in the form of a personal check (or money order) for $25.00, made payable to Southern Nazarene University.
- Submit official transcripts to the Office of Admissions. High school applicants will only be considered for admission after completing six semesters of high school work. To assure accuracy in advisement and registration, a seven-semester transcript is to be sent to the Office of Admissions as soon as it becomes available, and must be submitted before a student is allowed to enroll for classes.
- Request that results of either the American College Test (ACT) (code 3384) or the Scholastic Aptitude Test (SAT) (code 6036) be sent to Southern Nazarene University. Test scores must be in before a student will be allowed to enroll for classes.
- When SNU receives the application and application fee, the applicant will receive a registration notebook containing all the forms necessary to prepare a student for enrollment. If the applicant prefers, the forms can be submitted on-line.
- High school applicants cannot be admitted until all materials (an official high school transcript with class rank and graduation date, ACT or SAT results, registration forms) are submitted to the Office of Admissions.
- Students transferring from other regionally accredited colleges/universities and planning to complete a degree program at SNU may be admitted as degree candidates. Transfer students are required to submit official college/university transcripts from all schools previously attended and a Transfer Information Form from the last school attended prior to pre-enrollment for classes. Official transcripts must be provided to the Office of the Registrar at least two weeks prior to the date of registration. Requests for transfer credit from non-accredited institutions must be submitted in writing to the SNU Office of Academic Affairs and will be considered on a case-by-case basis.

For more information regarding admission processes, contact the Dean of Arts & Sciences.
ADMISSIONS AND ACADEMIC REGULATIONS

Freshman Admission -- Full
Admission to SNU is based on several factors. Most importantly, the applicant is expected to indicate agreement with the standards of the University. If the applicant is a graduate of an accredited high school, admission will be granted on the basis of the student's ACT (or SAT) score, high school grade point average, and class rank. Full admission to the University requires the student to have an ACT composite score of 18 or above and a class rank above the 40th percentile. For SAT test score equivalencies, please contact the SNU Registrar.

Freshman Admission -- Provisional
Provisional admission may be granted to those who have a composite ACT of 17 or below, and/or a high school percentile rank below the 40th percentile. Those entering provisionally are required to enroll in a specific block of courses, including the course sequence entitled University Study Strategies (GS 0113) and Critical Thinking Strategies (GS 1213) as a part of their program of study. The program of study for such students, therefore, requires completion of at least 127 credit hours. Provisionally admitted students are also placed on academic probation at admission, as an indication of their "at-risk" status. This allows the University to monitor their academic progress carefully and to assure that appropriate support services can be provided to assist in their academic success. Appeals of provisional admission status must be submitted in writing by the petitioning applicant to the Academic Center for Excellence.

The academic performance of provisionally admitted students will be reviewed at the completion of their first two semesters at SNU. Full admission to the University will be granted if:
1) the student has successfully completed (defined as a grade of 'C' or better) the prescribed course sequence noted above;
2) the student is making appropriate academic progress (in terms of hours completed) and has a cumulative GPA of 2.0 or above (thus meeting the guidelines for academic eligibility);
3) the student has fulfilled any further requirements of provisional admission.

If the criteria for full admission have not been met at the completion of the first two semesters, the student may be declared "Academically Ineligible."

Freshman Admission -- Other Information
Home-school graduates are also eligible to apply for admission to SNU. These applicants are required to provide a high school transcript for work completed at the secondary level and are required (as are all other applicants to SNU) to take either the ACT or SAT as an entrance exam. The comparable high school class of home-school applicants must have graduated prior to the date of admission.

Other applicants who are not high school graduates may be admitted on the basis of a High School Equivalence Certificate (GED). The high school class of those applicants must have graduated prior to the date of admission. For full admission, the applicant must also have an ACT composite score of 18 or above. Otherwise, admission will be provisional (as described above).

Exceptions to these guidelines may include freshmen matriculants who have been out of high school four or more years. Before full admission is granted, final high school transcripts must be submitted and must include class rank and graduation date.

Transfer Admission -- Full
For those transferring from a regionally accredited institution, full admission requires that the student provide evidence of having made satisfactory progress at the colleges/universities previously attended, on the basis of the following indicators:

1. The grade-point-average for the last semester in which the student was enrolled was above 1.50.
2. The cumulative grade-point-average for all college work that has been attempted by the student is 2.00 or above.
Upon entry as a degree-seeking transfer student, a transfer assessment will be performed to determine what program requirements the student has already completed and what requirements remain to be fulfilled to complete the designated degree at SNU. Every attempt is made to establish appropriate equivalencies, but the transfer student should expect to take additional general education and major courses to fulfill SNU requirements.

No more than 62 credit hours can be accepted from junior/community colleges in transfer. After a student has reached junior standing (having completed 57 credit hours), no more than eight (8) hours of credit will be accepted from a junior or community college without the recommendation of the student’s advisor and prior approval of the Dean of Arts & Sciences.

Requests for transfer from non-accredited institutions must be submitted in writing to the Dean of Arts & Sciences and are considered on a case-by-case basis.

**Transfer Admission -- Provisional**

Provisional admission may be granted to students who were on academic probation at other colleges/universities. When transferring to SNU, these students are placed on academic probation so that appropriate support, accountability, and monitoring can be provided through the Academic Center for Excellence. Remedial coursework (GS 0113 and/or GS 1213) may also be required. Students declared academically ineligible by another college or university may petition for provisional admission to SNU, by submitting a written request to the Dean of Arts & Sciences.

**Transfer Admission -- Non-degree seeking**

A student who has been admitted to another college or university and plans to complete six (6) or fewer hours at SNU may be admitted as a non-degree candidate. Non-degree candidate transfers must submit an official transcript from the school at which the student is currently enrolled or the last school attended. Credit earned as a non-degree candidate may not be used toward a degree at SNU until the student has met all requirements for full admission.

**Bible College Transfer**

Students transferring from Bible colleges accredited by the American Association of Bible Colleges (AABC) may transfer up to 90 hours of credit, according to the general requirements for acceptance of transfer work outlined in the previous sections.

In addition, a Bible college transfer student planning for a major or concentration in any of the School of Theology & Ministry programs must meet established requirements set forth by that School. A minimum of fifteen (15) semester hours in religion, including courses in theology and Biblical literature, must be taken at Southern Nazarene University. Other specific requirements depend on the particular program of study being pursued. Bible college credits must be validated on the basis of successfully meeting academic course work expectations at Southern Nazarene University.

**Early Admission**

Applicants requesting early admission will be considered on a case-by-case basis. Criteria include evidence of high academic achievement and maturity. A supporting written recommendation from the applicant’s high school principal is also required. Requests should be submitted to the Office of Academic Affairs.
International Student Admissions
Requests for admission information for international students should be addressed to the Office of the Registrar, Southern Nazarene University, 6729 N.W. 39th Expressway, Bethany, OK 73008. An information packet detailing requirements and including an application will be sent to the prospective student. Demonstration of proficiency in English is required.

Adult Studies Program Admissions
Entry requirements and program information for adult students applying to SNU’s degree-completion programs are located in a later section of this catalog.

Registration Policies
Academic Classification
A student’s academic classification is based on the credit hours accumulated. The following designators are used in academic classification.

UNDERGRADUATE STUDENTS: Students are classified as undergraduates if they have been admitted to the University and are seeking baccalaureate degrees. The normal classification for undergraduate students is as follows:

FRESHMAN 0-23 hours JUNIOR 57-89 hours
SOPHOMORE 24-56 hours SENIOR 90 hours or more

GRADUATE STUDENTS: Graduate students are those who have already earned a baccalaureate degree and have been admitted to one of the University’s graduate programs, or are enrolled for graduate courses at SNU. Details of graduate classification can be found in the SNU Graduate Catalog.

UNCLASSIFIED STUDENTS: Unclassified students include: (1) adult students who audit a class, but are not admitted to a program of studies, (2) pre-college students who have received special permission to cross-enroll while completing high school work, and (3) all other non-degree-seeking students.

POST-GRADUATE STUDENTS: Post-graduate students are defined as those enrolled in undergraduate courses after having earned a baccalaureate degree. Such students will not have been admitted to any of the University’s graduate programs.

Maximum and Minimum Student Load
A normal class load is 12-17 hours. Students entering the University as freshmen will normally not be permitted to enroll for more than 17 hours of class work. Provisionally admitted students are allowed to carry no more than 14 hours a semester, with the recommended load being 12-14 hours. An undergraduate student carrying at least twelve (12) semester hours is considered to be a full-time student. A load of nine (9) hours is defined as a three-quarter load and six (6) hours is designated as a half-time load for undergraduate work.

Students are not permitted to enroll for more than 18 hours per semester without the approval of the Dean of Arts & Sciences. Such permission will be granted only in unusual cases, and consideration will be provided only when the student has demonstrated a strong record of academic success in previous semesters.

Veterans are required to carry a full schedule of courses if they are to receive the full subsistence allotment provided by Veteran’s Benefits. A full schedule for veterans is defined as 12 hours of coursework that is on the student’s degree program filed in the SNU Financial Assistance Office.

WORKING STUDENTS: Students planning to hold an employed position in addition to their academic work should seek the help of a faculty advisor to determine an appropriate course load. Outside work expectations should be limited, using the following considerations: 1) the number of semester hours in which the student
ADMISSIONS AND ACADEMIC REGULATIONS

expects to enroll, 2) overall grade-point-average, 3) the level of the courses the student expects to take, and 4) the specific expectations of the particular courses comprising the student’s schedule (such as overall reading load, writing expectations, examination schedule, etc.). Students who plan to finance a large part of their college expenses through outside employment should plan to devote more than four years to their college program. While each situation varies somewhat, the following has been established as a guide:

<table>
<thead>
<tr>
<th>Hours Per Week Outside Work</th>
<th>Average Credit Course Load</th>
<th>Max. Load if GPA &lt;2.00</th>
<th>Max. Load if GPA &gt;3.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 20</td>
<td>14 to 17</td>
<td>14</td>
<td>18</td>
</tr>
<tr>
<td>21 to 30</td>
<td>12 to 16</td>
<td>12</td>
<td>16</td>
</tr>
<tr>
<td>31 to 40</td>
<td>10 to 14</td>
<td>10</td>
<td>14</td>
</tr>
<tr>
<td>Over 40</td>
<td>8 to 12</td>
<td>8</td>
<td>12</td>
</tr>
</tbody>
</table>

As noted above, enrollment for loads in excess of the established maximum requires special permission of the Dean. If at any time, a student’s class work becomes unsatisfactory, the total work and class schedule may be reviewed and the student’s schedule may be adjusted by the Dean of Arts & Sciences.

Course Audit

Some courses may be taken on an “audit” basis. Although an audited course is recorded on the student’s official transcript, no grade is given and no credit is received. When auditing, the student is encouraged (but not required) to be a full participant in the class activities (e.g. examinations, assigned homework, etc.). Not all courses offered by the University are open for enrollment on an “audit” basis. Physical education activity courses, practicum experiences, private lessons, independent study, research, and other similar courses are not open for audit.

Audited courses follow the same enrollment procedures as credit courses. To change a credit course to an audit enrollment, the student must withdraw from the course in question following established withdrawal procedures and then re-enroll for the course on an audit basis. Conversely, a course enrolled for audit may not be transferred directly to an enrollment for credit without the approval of the course instructor and the Dean of Arts & Sciences. Such a change must also follow the appropriate process for changing the course registration, as described in the section below.

Prerequisites and Courses Not Open to Freshmen

In some instances, courses are sequential in nature and, therefore, a lower-division course must be completed before enrollment is allowed in a subsequent upper-division course. When this is the case, the course description of the upper-division course will specify a prerequisite requirement. For these courses, the student will only be allowed to enroll in the upper-division course if the prerequisite has been met.

Generally, courses numbered 3000 and above are not open to freshmen. Exceptions can be made only by a student’s advisor and/or the Dean of Arts & Sciences, in consultation with the course instructor, on the basis of prior specific work that has especially prepared the student for advanced coursework. Exceptions for Enrichment Track III students are indicated on the UNIVISOR audit and advising system.

Changes in Registration (Drop/Add Policies)

To make a schedule change after initial registration and payment of fees, students should work with their advisors. Any change made will become effective only if the proper procedure has been followed, which means that the change must be verified through the Office of the Registrar and any needed financial adjustments must be made at the Office of Financial Affairs. No special permission is needed to drop a course through the 12th week of the semester, but the student should be aware that financial aid may be affected by such a change. The chart below specifies the routine
permissions needed for adding a course after the semester has begun. In addition, some changes may require the approval of a Department/School Chair and/or the Dean of Arts & Sciences. No change in registration (drop or withdrawal from school) may be processed after the end of the 12th week of classes without special permission through the Dean's office.

A course may be added without special instructor permission as follows:

<table>
<thead>
<tr>
<th>Term</th>
<th>No permission required to add</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-week</td>
<td>First full week</td>
</tr>
<tr>
<td>8-week</td>
<td>First 3 days</td>
</tr>
<tr>
<td>4-week</td>
<td>First 2 days</td>
</tr>
<tr>
<td>2-week</td>
<td>First 2 days</td>
</tr>
<tr>
<td>1-week</td>
<td>First day</td>
</tr>
</tbody>
</table>

Special permission from the instructor and the Dean of Arts & Sciences must be obtained to add a course after the times specified above.

Transcript records for course changes will be as follows:

<table>
<thead>
<tr>
<th>Term</th>
<th>Course dropped with no transcript record</th>
<th>Course dropped with a 'W'</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-week</td>
<td>Week 1 – Week 4</td>
<td>Week 5 - Week 12</td>
</tr>
<tr>
<td>8-week</td>
<td>Week 1 - Week 2</td>
<td>Week 3 - Week 6</td>
</tr>
<tr>
<td>4-week</td>
<td>Week 1</td>
<td>Week 2 - Week 3</td>
</tr>
<tr>
<td>2-week</td>
<td>Days 1 - 2</td>
<td>Day 3 - Day 7</td>
</tr>
<tr>
<td>1-week</td>
<td>Day 1</td>
<td>Day 2 - Day 3</td>
</tr>
</tbody>
</table>

Withdrawal from the University

If it appears necessary for a student to withdraw from school before the end of a semester, a Withdrawal Form must be completed. It is recommended that withdrawal be initiated through the Office of the Registrar. The withdrawal is not complete until the Withdrawal Form has been signed by all designated officials and financial arrangements have been made through the SNU Office of Financial Affairs. Any student receiving financial aid is required to meet with an appropriate official from the Financial Assistance Office before completing withdrawal. A student will not be officially withdrawn nor will any refund of tuition be given (as outlined in the Financial Information section) unless withdrawal is made in the prescribed manner.

When a student has pre-registered for a future semester and then determines that he/she will be unable to return, the Office of the Registrar should be notified to initiate cancellation of the pre-enrollment. If the reason for not planning to return is financial, we strongly recommend that the student visit with a counselor in the Office of Financial Assistance prior to making a decision. If the decision is based on personal factors, the campus counselor is available for consultation and advice and can be contacted through the Office of Student Development. Similarly, if the reasons are primarily academic, the student should consider visiting with a faculty advisor or with someone in the Academic Center for Excellence prior to making a final decision to cancel enrollment.

Academic Program Advising

Academic Advisement

When entering SNU, each student is assigned an academic advisor. Typically, the advisor is chosen from the instructional area in which the student has chosen a major, so that the student will be enabled to make informed judgments about academic life and career. The student and advisor work together to develop a timeline for following one of the programs of study available through the designated department or school of the University. The advisor then monitors the student's progress each semester as that student completes the designated program of study.
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As a student’s interests and goals shift, it may become necessary to seek a new academic advisor, so that the student works with a faculty member whose expertise is in the new area of interest. If so, the student must submit a Change of Major/Advisor request and have it appropriately processed. Forms for doing so are available at either the Office of the Registrar or the Office of the Dean of Arts & Sciences. Completing this procedure assures that the student’s academic information will be transferred from the previous advisor to the one newly assigned. If the described process for changing advisors has not been followed, the student will encounter difficulties when attempting to pre-enroll, register, or change registration. Accuracy of advisement is contingent upon the student having supplied accurate information to the University regarding his/her choice of major and program of study. It is the student’s responsibility to report any change in major or program in a timely way so that appropriate adjustments can be made in the information available to advisors. Additional course requirements or hours resulting from the student’s failure to report such changes in a timely way will be the responsibility of the student.

Monitoring Academic Progress

Since a major part of sound academic advising is the monitoring of academic progress, it is important to provide accurate, up-to-date information to both student and advisor. Additionally, it is important to have documentation supporting the student’s initial program of study, subsequent progress, and any modifications that may have been made to the academic program of that student. To facilitate monitoring of the student’s progress, SNU utilizes a tracking system called UNIVISOR. The UNIVISOR, which provides up-to-date information on courses the student has completed, courses yet to be taken, and progress toward graduation requirements, can be accessed through the SNU computer network. It also interfaces with other university systems to provide current information on prerequisites, course descriptions, and closed course sections. In addition to the on-going use of the UNIVISOR to track student progress, several check points are utilized to monitor program completion. These are as follows:

**Entry/Transfer Audit:** When a student enters SNU (either as a freshman or in transfer), an Entry/Transfer Audit will be performed using high school and/or college transcripts, ACT results, and any other relevant information that may be available. The Entry/Transfer Audit will provide verification of incoming General Education and major coursework and thereby will provide the student and advisor with a clear picture of the courses needed to complete the student’s program of study. It is the joint responsibility of the student and faculty advisor to review this information carefully during the student’s first semester at SNU, to make sure it is accurate and complete. The decisions reflected in this information will provide documentation of agreements reached upon the student’s entry to SNU and will allow the student reasonable assurance that those agreements will be honored.

The faculty advisor may request modifications to the Entry Audit on the basis of either first-hand information from the student about transfer coursework, unreported test scores, or on the basis of changes in a student’s designated major/concentration. If modifications are requested, the advisor should file a petition for this purpose no later than the beginning of the pre-enrollment period during the student’s second semester of coursework at SNU. Petition results (approval or denial) will be recorded in the student’s file within 10 working days of action by the Dean of Arts & Sciences.

**Graduation Audit:** At the end of the student’s junior year, a Graduation Audit will automatically be performed, with the results sent to both the student and advisor. This audit provides verification of: 1) courses and/or CLEP credits completed at SNU, 2) posting of any transfer credit the student may have earned, 3) having met GPA requirements (cumulative, major, minor), 4) having met residency requirements, 5) having met requirements for upper-division coursework, and 6) notification of the General Education and major courses that must be completed prior to graduation. This information will assist the advisor and student in planning an appropriate course schedule for the student’s senior year, so that all graduation requirements can be met.
Signatures, verifying that both student and advisor agree with the record, are required on the Graduation Audit, and are essential to accurate record keeping and approval to participate in Commencement activities (see Application for Graduation).

**Graduation Requirements:** A student working for a degree at SNU normally is subject to the degree requirements of the Catalog under which the student matriculated. The Entry and Graduation Audits for each student will, therefore, be performed using those degree requirements. Should a student choose to change his/her program of study after initial matriculation to the University, that student has the option to complete the degree requirements set forth in the Catalog in force at the time such a change was declared. Should a student opt to follow these newer guidelines, he/she will be subject to them as a different but entire set of requirements. Thus, a student should generally expect to complete the newer degree requirements in their entirety (rather than mixing selected requirements of the previous program with selected requirements of the newer program). Any requested exceptions, however, should follow the prescribed petition process (see below) and must be completed prior to the Graduation Audit.

**Petition Process:** A formal process exists through which a student and advisor may petition for an alteration in the degree requirements to which the student would ordinarily be subject. It is possible to petition for waiver of a course or program requirement, to substitute one course for another, or to switch to the requirements of a newer degree program. All such petitions should be completed on the appropriate form, which is available in either the Office of the Registrar or the Office of Arts & Sciences and must contain all required signatures (including the Director of General Education, if a general education course is involved). Completed petitions are to be accompanied by a current transcript and any other required documentation (such as a course syllabus). Action taken on petitions (approval or denial) is recorded in the student's record within 10 working days and will be used to determine which requirements remain for the student before graduation.

**Application for Graduation**

Upon receiving the Graduation Audit (described above), a degree candidate is required to meet with the faculty advisor to verify accuracy of the information and remaining requirements outlined in that document. After verifying its accuracy, both student and advisor sign the form, and return it to the Office of the Registrar. This form serves as the Application for Graduation, and verifies whether the student plans to participate in Commencement activities. In order to participate in Commencement activities, the signed audit form and application for graduation must be returned to the Office of the Registrar by the designated date. Degrees are conferred three times a year, at Winter and Spring Commencements and on August 15.

**Advanced Standing**

The University grants advanced standing to students who demonstrate (by scores on approved advanced standing examinations) that they already have a background in a particular field equivalent to the achievement required in a course offered by the University. The most typical programs for achieving advanced standing are the College Level Examination Program (CLEP), Advanced Placement Program (AP), and the International Baccalaureate Program (IB). Limited credit may be awarded through departmental proficiency exams or military credit.

For students in traditional programs at SNU, a total of up to thirty (30) semester hours of college credit is available through various forms of testing (CLEP, AP, departmental proficiency exams, military credit). Credit hours received via CLEP are recorded on the transcript after the student completes six (6) hours of work at SNU. In order to assist in accurate advisement and planning, students planning to take CLEP exams should do so in adequate time so that the testing results will be available before the beginning of the student’s sophomore year. By policy, CLEP credit for lower division courses will not be approved if advanced courses in the same area of study have
already been taken; any exception must have the approval of the Dean of Arts &
Sciences.

For students in nontraditional programs at SNU, a total of up to 45 credit hours
of advanced standing may be earned, with a maximum of 30 credit hours awarded for
experiential learning.

CLEP is the major vehicle for advanced standing validation and incoming
freshmen who are proficient in specific academic areas may want to take advantage of
this opportunity. Note should be made that the guidelines for acceptance of CLEP
results (both the particular exams accepted and the score cutoffs used for credit) vary
from one university to another. For example, course credit gained by taking a
particular CLEP examination will not necessarily be accepted as credit in transfer to
another college or university. For any prospective SNU student, therefore, information
regarding approved CLEP examinations and acceptance of CLEP credit at SNU should
be obtained from the SNU Testing Service office prior to taking a CLEP exam. Southern
Nazarene University is not responsible for inaccurate information provided by other
sources.

Consistent with practices at other regionally accredited universities, CLEP credit
is awarded according to the guidelines established by the American Council on
Education (ACE). ACE recommends that students be awarded credit if they score at or
above the 50% percentile on established sophomore norms in selected content areas.
The specific cut-off scores are based on current norms and, therefore, are subject to
change. For specific score information, contact the SNU Testing Service office.

CLEP examinations are administered by appointment, Monday through
Thursday at the Testing Service office (Science Hall, 4th floor, 405-491-6323). If a
student is unable to take the examinations on campus, arrangements can be made
with a CLEP testing center at a convenient location, with the results sent to SNU (Code
6036). Charges for testing and processing at SNU are listed in the Financial
Information section of this Catalog or may be obtained from the SNU Testing Service
office. These charges are based on nationally established rates and, therefore, are
subject to change.

Advanced Placement (AP) tests are also used as a basis for granting credit.
Credit is given in a variety of courses for receiving a score of three (3) or higher on the
appropriate exams. These tests are available as a part of the Advanced Placement
courses taken in high school and the exam must be taken for credit to be granted.
Advanced Placement is awarded credit as recommended by the guidelines of The
College Board.

Study completed through the International Baccalaureate (IB) program may
receive credit if taken at the advanced level and the student achieves a score of 4 or
better on the examination associated with the course. Official score reports must be
provided to the Office of the Registrar before credit is awarded.

Whenever available, CLEP exams are used to determine proficiency credit. If no
CLEP exam is available, it may be possible that a department will have received
approval to offer a locally validated proficiency exam. Students requesting advanced
standing for applied work in fine arts, nursing, physical education, speech, art, or
business should consult with the school or department chairperson for the availability
of tests in these areas.

Veterans who meet the requirements for admission will be allowed advanced
standing to the extent that their experience in the armed forces is applicable to the
program they are pursuing at the University. The Guide to the Evaluation of
Educational Experience in the Armed Forces, issued by ACE, will be followed in
evaluating the student’s educational experiences for such advanced standing. A total of
four (4) hours of credit in physical education will be allowed for basic or boot training, if the student is not a Kinesiology and Sport Management major. Additional credit may be secured by petitioning the department for advanced standing. To secure advanced standing, the veteran must furnish transcripts of work taken in colleges and official records indicating educational achievements during military service.

Credit for Correspondence Courses

Up to thirty (30) hours of credit earned by correspondence may be accepted when completed through schools that maintain accredited extension departments. A student who is already enrolled for a degree program at Southern Nazarene University must secure the written approval of the appropriate Dean before enrolling for a correspondence course.

Degree Requirements

Baccalaureate Degree Requirements

Undergraduate programs leading to baccalaureate degrees require a minimum of 124 credit hours. A number of programs require more than the minimum to complete. The programs of study for provisionally admitted students, who are required to enroll in zero-level courses, will necessitate a minimum of 128-131 credit hours.

In addition to specialized preparation, a broad liberal arts background is required for all students. To ensure that all students share this liberal arts emphasis, the faculty has outlined the following general requirements, which apply to all baccalaureate programs.

1. **ADMISSION:** To become a candidate for a degree, all admission requirements of the University must be satisfied.

2. **RESIDENCE CREDIT:** To become a candidate for any baccalaureate degree, the student must have a minimum of thirty (30) hours of residence credit earned at Southern Nazarene University. Fifteen (15) of the last thirty (30) semester hours needed to meet graduation requirements or program completion must be taken in residence. Additionally, a minimum of fifteen (15) hours of the student's major or concentration must be completed in residence at SNU. Additional hours in residence may be required by a department/school to complete a degree.

3. **UPPER DIVISION CREDIT:** Forty (40) hours of credit must be in courses numbered 3000 or above. Any exceptions require approval of the Dean of Arts & Sciences.

4. **GRADE POINTS:** To receive a degree, the candidate must have a cumulative grade-point average (GPA) of 2.00 (on a 4.0 scale). A GPA of 2.00 is required in the major; a 2.00 is also required in the minor. In a multidisciplinary degree program, a GPA of 2.00 is required on the total concentration. Additional GPA guidelines may be required for some programs; if so, those requirements are specified in later sections of this Catalog.

5. **GENERAL EDUCATION REQUIREMENTS:** All students are expected to complete the designated set of General Education requirements, as outlined in a later section of this Catalog. The General Education CORE is a minimum requirement serving the liberal arts objectives of the University. A number of the degree curricula include other general courses in addition to the minimum basic requirements. Any exceptions to the designated General Education program must be recommended by the Director of General Education and approved by the appropriate Dean.

Second Baccalaureate Degree

To become a candidate for a second undergraduate degree, the student must complete at least thirty (30) hours of work in addition to the 124 hours required for the first degree and must complete any additional degree requirements that may apply. For example, if the student's first degree was a Bachelor of Science degree in Business
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Administration, the second degree will require a minimum of thirty (30) hours and whatever additional requirements are associated with completion of a Bachelor of Arts degree (e.g. six (6) hours of language). In addition, the student must meet all of the requirements set forth in the curriculum for the second degree. If the first degree is not from Southern Nazarene University, then a minimum of thirty (30) hours in residence is required. If the first degree is from SNU, at least fifteen (15) of the last thirty (30) hours must be taken in residence. In no case will more than one degree be conferred upon a candidate at any one Commencement (not to be confused with a second major, see below).

Second Baccalaureate Major

To become a candidate for a second undergraduate major, a student must complete all degree requirements for both programs, with a minimum of 30 hours completed in each major. With careful planning, it may be possible for a student to complete a double major within the 124-hour minimum, although this is unlikely. It is more typical that completion of a double major will require more than 124 credit hours.

If a student has already completed one baccalaureate degree from SNU and subsequently wishes to pursue a second major, a minimum of thirty (30) additional hours is required. Fifteen (15) of those thirty (30) hours must be taken in residence. In addition, the student must meet all of the requirements set forth in the curriculum for the second major. If the first degree was not from Southern Nazarene University, a minimum of thirty (30) hours in residence is required.

Associated Academic Programs

Council for Christian Colleges and Universities (CCCU)

Southern Nazarene University is a member of the CCCU, an international higher education association of intentionally Christian colleges and universities. Founded in 1976 with 38 members, the Council has grown to 105 members in North America and 63 affiliate institutions in 23 countries. The CCCU offers the following semester and summer programs to students of its member institutions. The programs offer a unique opportunity for students to make the world their classroom. These interdisciplinary learning opportunities are available to upperclass students. For further information, contact the Office of Academic Affairs, the CCCU, or www.bestsemester.com.

Semester Programs

American Studies Program (ASP)

Founded in 1976, the American Studies Program has served hundreds of students from member institutions as a "Washington, D.C. campus." ASP uses Washington as a stimulating educational laboratory where collegians gain hands-on experience with an internship in their chosen field. Internships are tailored to fit the student's talents and aspirations and are available in a wide range of fields. They also explore pressing national and international issues in public policy seminars that are issue-oriented, interdisciplinary and led by ASP faculty and Washington professionals. ASP bridges classroom and marketplace, combining Biblical reflection, policy analysis and real-world experience. Students are exposed to on-the-job learning that helps them build for their future and gain perspective on the calling of God for their lives. They are challenged in a rigorous course of study to discover for themselves the meaning of Christ's lordship in putting their beliefs into practice. The aim of the program is to help Council schools prepare students to live faithfully in contemporary society as followers of Christ. Students earn sixteen (16) semester hours of credit.

China Studies Program (CSP)

The China Studies Program enables students to engage this large and intriguing country from the inside. While living in, and experiencing Chinese civilization firsthand, students participate in seminar courses on the Historical, cultural, religious, geographical and economic realities of this strategic and populous nation. In addition to the study of standard Chinese, students are given opportunities such as assisting Chinese students learning English or working in an orphanage, allowing for one-on-one
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interaction. The program introduces students to the diversity of China, including Hong Kong, Beijing, Shanghai, Xi'an and Xiamen. This interdisciplinary, cross-cultural program enables students to deal with this increasingly important part of the world in an informed, Christ-centered way. Students earn sixteen (16) semester hours of credit.

Contemporary Music Program (CMP)
The Contemporary Music Program provides students the opportunity to live and work in community while seeking to understand how God will have them integrate music, faith and business. Both interdisciplinary and multidisciplinary in nature, the CMP offers two tracks: the Artist Track and the Executive Track. The Artist Track is tailored to students considering careers as vocalists, musicians, songwriters, recording artists, performers, producers and recording engineers. The Executive Track is designed for business, arts management, marketing, communications and other majors interested in possible careers as artist managers, agents, record company executives, music publishers, concert promoters and entertainment industry entrepreneurs. Both Artist and Executive track students receive instruction, experience and a uniquely Christian perspective on creativity and the marketplace, while working together to create and market a recording of original music. Both tracks include course work, labs, directed study and a practicum. Students earn sixteen (16) semester hours of credit.

Honours Programme-CMRS, Oxford (HP-O)
Honors and other highly academic students have the exciting opportunity to study in England through this interdisciplinary semester in Oxford. The rigorous academic program, aimed at increasing critical thinking skills and scholarship from an integrated Christian perspective, allows participants to choose from a wide variety of tutorial study programs in numerous disciplines, including the arts, religion, History, literature and philosophy. In addition to two tutorials, students participate in a seminar and an integrative course through which they produce a scholarly project or term paper. Field trips provide opportunities for experiential learning in England’s rich Historical setting. Students earn sixteen (16) semester hours of credit.

Latin American Studies Program (LASP)
Students of CCCU colleges have the opportunity to live and learn in Latin America through the Latin American Studies Program, based in San Jose, Costa Rica. The program introduces students to a wide range of experiences through the study of the language, literature, culture, politics, History, economics, ecology and religion of the region. Living with a Costa Rican family, students experience and become a part of the day-to-day lives of typical Latin Americans. Students also take part in a service opportunity and travel for three weeks to nearby Central American nations. Students participate in one of four concentrations: Latin American Studies (offered both Fall and Spring terms); Advanced Language and Literature (limited to Spanish majors and offered both Fall and Spring terms); International Business and Management (offered only in Fall terms); and Tropical Sciences (offered only during Spring terms). Students in all concentrations earn sixteen (16) semester credits.

Los Angeles Film Studies Center (LAFSC)
The Los Angeles Film Studies Center is designed to train students of Council institutions to serve in various aspects of the film industry with both professional skill and Christian integrity. Students live, learn and work in the LA area near major studios. The curriculum consists of two required seminars focusing on the role of film in culture and the relationship of faith to work in this very influential industry. In addition, students choose two elective courses from a variety of offerings in film studies. Internships in various segments of the film industry provide students with hands-on experience. The combination of the internship and seminars allows students to explore the film industry within a Christian context and from a liberal arts perspective. Students earn sixteen (16) semester hours of credit.

Middle East Studies Program (MESP)
This program, based in Cairo, Egypt, allows Council students to explore and interact with the complex and strategic world of the modern Middle East. The interdisciplinary seminars give students the opportunity to explore the diverse religious, social, cultural and political traditions of Middle Eastern people. In addition to seminars,
students study the Arabic language and work as volunteers with various organizations in Cairo. Through travel to Israel, Palestine, Jordan, Syria and Turkey, students are exposed to the diversity and dynamism of the region. MESP encourages and equips students to relate to the Muslim world in an informed, constructive and Christ-centered manner at a time of tension and change. Students earn sixteen (16) semester hours of credit.

**Russian Studies Program (RSP)**

RSP students are exposed to the depth and diversity of the culture during a semester spent in Russia's three largest cities: Moscow, St. Petersburg and Nizhni Novgorod. In addition to three seminar courses entitled History and Sociology of Religion in Russia; Russian Peoples, Cultures and Literature; and Russia in Transition, students receive instruction in the Russian language, choosing either four or six semester hours of language coursework. For those choosing four hours of Russian, a seminar course, International Relations and Business in Russia, is available. RSP strives to give students as wide an experience as possible in this complex nation, beginning with time in Moscow, the heart of both medieval and modern Russia. Students then spend 12 weeks in Nizhni Novgorod, a strategic city on the Volga River. After six weeks of language instruction, students live with a Russian family for the remainder of their stay in this city. Students also participate in a service opportunity in Nizhni Novgorod. The program concludes with time in the complex and intriguing city of St. Petersburg, the Russian “window to the West.” Students earn sixteen (16) semester hours of credit.

**Summer Programs**

**Summer Programme - CMRS, Oxford**

This program allows students to spend a summer term studying at the Centre for Medieval and Renaissance Studies (CMRS) in Oxford, England. The program includes multi-disciplinary study of the Renaissance and Reformation through examination of philosophy, art, literature, science, music, politics and religion of early modern Europe in a choice of lectures, seminars and field trips. Students earn six-nine (6-9) semester credits, which are administered directly to member institutions by CMRS.

**Summer Institute of Journalism (SIJ)**

Council campuses are invited to choose two student journalists to apply for this four-week, all-expense-paid experience in Washington, D.C. Fifteen students are selected to participate in the Institute, which lasts from mid-May to mid-June. The Institute blends classroom experience with hands-on work and provides excellent opportunity to learn through lectures and panels with leading journalists who share a strong Christian commitment. Students also participate in seminars taught by communications professors from Council member institutions, take part in field trips and complete workshop projects for hometown newspapers. SIJ provides valuable insight and training in gathering and writing news, editing copy and designing layout. The Institute develops students as Christian journalists—exhibiting both professionalism and legal/ethical integrity. Students earn four (4) semester hours of credit.

**Additional Off-Campus Academic Opportunities**

**Au Sable Institute of Environmental Studies**

Southern Nazarene University is a participating college of AuSable Institute. Courses from the Institute are offered through the SNU Departments of Biology and Chemistry. AuSable is a Christian environmental stewardship institute whose mission is to bring healing and wholeness to the biosphere and the whole of creation. AuSable offers programs and courses of study for college students, for evangelical Christian Colleges, and the broader world community. In a setting of northern lower Michigan forests, wetlands, lakes and wild rivers, students at AuSable take college courses, gain
field experience, and develop practical tools for environmental stewardship. The Institute grants certificates for environmental analysts, land resource analysts, and naturalists, under license of the State of Michigan Department of Education. Application must be made through SNU's AuSable representative in the Department of Biology. Programs and information may be obtained from that office.

Institute for Family Studies
Students from SNU may choose to participate in the Institute for Family Studies, sponsored by Focus on the Family. The Institute was established to propound and defend traditional ideas of family and society, while recognizing the need for modern cultural contextualization, a strong theoretical base, and practical application. This is a semester-long, off-campus program for which students receive twelve (12) hours of academic credit. Program information and applications can be obtained from the Office of Academic Affairs.

HEART Institute
The Hunger Education Action Resources Training (HEART) Institute, located in Lake Wales, Florida, provides a dynamic educational experience that emphasizes the teaching and learning of practical developmental skills in a simulated “third-world” village. Students planning a vocation in missions, international studies, or a variety of other service areas could benefit from this intensive hands-on learning experience. Areas of study include cross-cultural communication, community development, intensive gardening, nutrition/food technology, primary health, appropriate technology, and small animal husbandry. Interested students may choose to participate in either a full semester, sixteen (16)-credit program or a three-week, intensive format. For additional information, contact Dr. Howard Culbertson in the School of Theology & Ministry.

Reserve Office Training Corps (ROTC)
For participation in the Army Reserve Officer Training Corps, Southern Nazarene University has a joint relationship with University of Central Oklahoma in Edmond, Oklahoma for Army ROTC, and with the University of Oklahoma, Norman, Oklahoma, for Air Force ROTC. Specific ROTC information may be obtained by contacting the Office of Academic Affairs. (See section later in this Catalog.)

Oklahoma Scholar-Leadership Enrichment Program (OSLEP)
University students are regularly accepted as participants in this intercollegiate, interdisciplinary program sponsored by the Oklahoma State Regents for Higher Education. Twenty public and private universities in Oklahoma participate. Students accepted for OSLEP study with a distinguished scholar and with students from participating universities. Juniors, seniors, and graduate students with a 3.0 GPA are eligible to apply; freshmen and sophomores who have demonstrated exceptional academic achievement will be considered. Books, housing, and meals are provided by OSLEP. Each seminar is worth two (2) credit hours, which may be transferred to SNU after payment of OU tuition. The OSLEP seminars meet for five days, and seminars are held on the University of Oklahoma Norman campus and on the campuses of participating universities. For further information, contact Dr. Dennis Williams, campus coordinator of OSLEP.

Academic Performance

Academic Integrity
Southern Nazarene University seeks to support and promote qualities of academic honesty and personal integrity in all aspects of life. Serious offenses against the University community include cheating, plagiarism, and all forms of academic dishonesty. Cheating or academic dishonesty is defined as the deception of others about one's own work or about the work of another. Examples of cheating include, but are not limited to:
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- Submitting another’s work as one’s own or allowing another to submit one’s work as though it were his or hers.
- Several people completing an assignment and turning in multiple copies, all represented either implicitly or explicitly as individual work.
- Failure to properly acknowledge authorities quoted, cited or consulted in the preparation of written work (plagiarism).
- The use of a textbook or notes during an examination without permission of the instructor.
- The receiving or giving of unauthorized help on assignments.
- Stealing a problem solution from an instructor.
- Tampering with experimental data to obtain ‘desired’ results or creating results for experiments not done ("dry labbing").
- Tampering with or destroying the work of others.
- Submitting substantial portions of the same academic work for credit or honors more than once without permission of the present instructor.
- Lying about these or other academic matters.
- Falsifying college records, forms or other documents.
- Unauthorized access of computer systems or files.

Academic dishonesty in a computer assignment will be suspected if an assignment that calls for independent work results in two or more solutions so similar that one can be converted to another by a mechanical transformation.

Students who are guilty of academic integrity violations such as these can expect to be penalized; any student who knowingly assists another student in dishonest behavior is equally responsible.

The course instructor shall have the authority to deal with instances of academic dishonesty in a variety of ways including (but not limited to) the following: 1) work may be redone for full or partial credit, 2) alternate assignments may be given for full or partial credit, 3) work may not be redone and no credit will be given for that particular assignment, 4) the student may be dropped from the course. Faculty members are required to report any academic integrity incident to the Office of Academic Affairs. A student found violating academic integrity standards will be placed on Academic Integrity Probation. Following two reports against a particular student, action will be initiated under provisions of the judicial code and may lead to dismissal of the student from the University.

Ethical and Responsible Use of the Computer

With the increased use of technology has come increased responsibility for monitoring its appropriate uses. The University has, therefore, adopted a statement governing the ethical uses of computer technology in the educational process. This statement is premised on the assumption that on-line communications and behavior should be representative of the Wesleyan theological perspective of Southern Nazarene University. The central features of this statement are described in the following paragraphs.

Computer communications systems and networks promote the free exchange of ideas and information, thus enhancing teaching and research. Computer users should not use electronic communications systems (such as e-mail) to harass others or interfere with their work on the computer.

Students, faculty, and staff who use the computer have the right to harass others or interfere with their work on the computer.

Students, faculty, and staff who use the computer have the right to harass others or interfere with their work on the computer.
disclosing your e-mail traffic to anyone, unless you (or the other party to the traffic) give permission.

The use of University computers for commercial purposes is not acceptable and must be requested and approved by the chairperson of the Computer Planning Committee prior to use.

United States copyright and patent laws protect the interests of authors, inventors and software developers in their products. It is against federal law and University policy to violate the copyrights or patents of computer software, or to violate software license agreements. Making your own copies of software having a restricted use license is theft. Students, faculty or staff may not load programs obtained from commercial sources or other computer installations onto the network servers without the assistance from a network administrator.

Computer users must not attempt to modify system facilities or attempt to crash the system nor should they attempt to subvert the restrictions associated with their computer accounts, the networks of which the University is a member, or microcomputer software protections. Title 18 of the United States Code makes it a federal offense to access a computer system without authorization. Loopholes in computer security systems or knowledge of a special password should not be used to damage computer systems, obtain extra resources, take resources from another user, degrade the performance of a computer system, gain access to systems or use systems for which proper authorization has not been given.

University computing resources cannot be used to intimidate or create an atmosphere of harassment based upon gender, race, religion, ethnic origin, creed or sexual orientation. Fraudulent, threatening or obscene e-mail or graphical displays used to harass or intimidate are prohibited. Chain letters, mass mailings, and repeated sending of e-mail after being requested to stop are also examples of inappropriate uses of University electronic communications resources.

An individual's computer use privileges may be suspended immediately upon the discovery of a possible violation of these guidelines or other campus policies. The account may be removed or deactivated or privileges removed from one or all University computing systems permanently or until the matter is completely resolved. The University reserves the right to examine computer files if necessary.

Violations of these policies will be dealt with in the same manner as violations of other university policies and may result in disciplinary review. In such a review, the full range of disciplinary sanctions is available including, but not limited to the loss of computer use privileges, dismissal from the University, and legal action. Violations of some of the above policies may constitute a criminal offense. Criminal offenses may be subject to a fine of not more than $5,000 or imprisonment for not more than six months, or both.

Academic Support Services

The SNU Academic Center for Excellence (ACE) seeks to facilitate transition to the university environment, provide access to resources and assist in the pursuit of academic excellence. Areas of support include: monitoring the academic progress of students on various levels of academic probation and students admitted to SNU on a provisional basis, advising students who have not yet declared a major, teaching the two-semester "Strategies" course sequence, tutor training and supervision, and coordination of services for students with documented disabilities. Specialized services are available for first generation (neither parent earned a bachelor's degree), low-income, disability, and international students. The Academic Center for Excellence also serves in a liaison capacity with other campus areas to
provides appropriate support. All traditional undergraduate students are encouraged to seek assistance from the Academic Center for their needs. The Center is located on the third floor of the R.T. Williams Learning Resources Center.

**Probation Services**: Students on academic probation must gain clearance through the Academic Center for Excellence before being allowed to finalize registration. With the assistance of ACE personnel, probation students are required to develop a support and accountability plan designed to optimize their academic pursuits. This would include, but not be limited to, regular individual meetings with a representative of the Academic Center for Excellence; participation in structured methods of group accountability or Student Support Services (see below). Students on probation are expected to fulfill the provisions of their ACE Probation Contract in order to continue enrollment at SNU. If they do not do so, their enrollment may be discontinued.

**Disability Services**: Southern Nazarene University provides services for all students with disabilities as defined by federal regulation. A qualified person with a disability means: "...an individual with a disability who, with our without reasonable modifications to rules, policies, or practices, the removal of barriers, or the provision of auxiliary aids and service, meets the requirements for the receipt of services or the participation in programs or activities provided by public entry" (Public Law 101-336, Sec. 201). Students are required to self-identify and to provide documentation of their disability prior to the provision of services. In the case of medical disability, documentation from a physician is appropriate. In the case of learning disability, acceptable documentation includes:

- psycho-educational evaluation performed by a licensed clinical psychologist if the diagnosis was made after the completion of high school, or
- psycho-educational evaluation on file at the student's accredited high school.

Documentation provided to the University to request academic accommodations must be less than three years old and must contain specific recommendations for accommodations appropriate to the diagnosed disability. Students with a disability that may affect their academic success are encouraged to contact the Academic Center for Excellence for further information.

**Student Support Services (SSS)** is a federally funded grant program that provides a plethora of support services for students who are either first generation college students, persons with disability, or those meeting the government’s low income criterion. SSS offers professional tutoring, computer packaged instruction for reading and writing skills, time management and accountability services, academic success workshops, and cultural activities. The SSS program strives to be an active part in the lives of students to equip and enable them to successfully complete a college degree.

**Class Attendance**

SNU believes there is a strong relationship between class attendance and academic progress. Regular class attendance, therefore, is expected of all SNU students.

In recognizing that unavoidable circumstances may result in an occasional absence, however, instructors typically allow a reasonable number of absences without grade penalty. Reasonable is usually interpreted to mean the equivalent of no more than two weeks of class. Absences beyond this will likely have an effect on the student’s final course grade. Because a number of absences are allowed without penalty, no university-wide distinction is made between “excused” and “unexcused” absences. If an instructor considers some types of absences to be “excused,” that information should be spelled out in the course syllabus.
ADMISSIONS AND ACADEMIC REGULATIONS

Students involved in intercollegiate athletics, official musical ensembles, and other university-sponsored groups are expected to be absent for only those classes that are in direct conflict with travel and game/performance schedules. Practices are not sufficient rationale for not attending scheduled classes. Students must also work with the instructor in advance of any planned absence to make certain all work is completed and any necessary arrangements have been made. Those involved in university-sponsored co-curricular activities are to use the allowed absences for their involvement in those activities and should be able to accommodate conflicts within the number of absences provided without grade penalty. If there is a significant attendance problem due solely to conflicts arising from university-sponsored activities, the student should probably consider finding a more appropriate time slot for taking the course.

The student is responsible for all class work assigned or due on the date of any absence, regardless of the reason for the absence. The student may be penalized for work missed even though the reason for the absence is legitimate if no explanation is given for the absence and/or the student does not meet the requirements of the instructor in making up the work.

In cases of unanticipated absence, the student should inquire about the possibility of making up work missed. If the explanation of the absence is acceptable to the instructor, the student may be permitted to make up work missed, although in some instances make-up work may not be feasible. If the explanation of the absence is not acceptable to the instructor, the student may be refused the privilege of making up the work and be assessed a consequent grade penalty.

The Office of Academic Affairs sends official notification to instructors when a student is called away from campus suddenly by a medical or family crisis or for an extended time for a legitimate, unplanned, documented emergency. Notice is not sent, however, for routine events such as doctor’s appointments or short illnesses. Faculty are expected to work directly with students regarding attendance issues and to deal fairly with legitimate absences while helping students develop the disciplines to avoid flagrant attendance irregularity and unsatisfactory scholarship due to absences.

If a student misses (for any reason) more class sessions than have been outlined as “reasonable” in the course syllabus, or if it becomes obvious that the student is not giving serious attention to attendance, the faculty member may encourage the student to withdraw from the course. If the student has been warned of excessive absences but continues to be absent, an official “warning” from the Dean of Arts & Sciences may be sent. If the student has been warned and the attendance problems continue, the student may be withdrawn from the class by the Dean.

In case of late registration, the student’s responsibility is the same as in the case of other absences. The instructor’s record of class attendance and the student’s accumulated absences, including absences incurred by late registration, become a part of the student’s record.

Veterans, in order to maintain veterans’ benefits, must attend classes regularly. The Veterans Administration has regulations indicating that veteran benefits will be dropped if a student veteran is absent six times from a three-hour class, eight times from a five-hour class. These standards apply to veteran benefits and are set apart from any consideration of the University’s attendance standards.
Policies for Study Abroad

SNU seeks to assist our students in understanding and appreciating what it means to live as Christians in a multietnic, pluralistic world. We encourage students, therefore, to increase their global outlook by participation in study abroad. The possibility for Christian scholars to gain new insights by living and studying in other cultures is great and the potential for enhanced student learning is significant. For those reasons, SNU actively promotes a variety of study abroad opportunities. To be eligible to apply for any of the programs described, students must be in good academic and financial standing with the University. Waiver of specific program and/or graduation requirements on the basis of credit received through study abroad will be at the discretion of the department into which the credit is transferred.

**Recommended Study-Abroad Programs.** We highly encourage students to participate in the structured study abroad programs that are approved and recommended by the University. These include all the CCCU-sponsored programs (see Associated Academic Programs section). If accepted for study abroad, the student should inquire as to present policy regarding the availability of both institutional and non-institutional sources of financial aid in applying toward program costs. To receive consideration, students must follow all application and approval procedures of the sponsoring group.

**Other Study-Abroad Programs.** Occasionally, students may wish to pursue study abroad opportunities other than those routinely recommended or in world areas not included in those programs. Only programs offered through regionally accredited institutions of higher education in the U.S. are acceptable for study abroad work. The student is responsible to contact the sponsoring university to obtain program information. For these programs, only approved, non-institutional sources of financial aid may be applied toward program costs. If the student seeks to remain an SNU student while studying abroad, the possibility of a consortium agreement between SNU and the sponsoring institution may be pursued, but is not guaranteed. Consortium agreements may be possible in some cases, but not in others; specific agreements must, therefore, be handled on a case-by-case basis. It is the student’s responsibility to provide the program’s contact information to both the SNU Academic Affairs office and the SNU Financial Aid office at least six months before verification of an agreement is needed. If a consortium agreement is not possible, the student will be required to enroll at the program’s sponsoring institution and simply transfer the credits back to SNU upon completion.

**Part-time Study Abroad.** Students pursuing a volunteer mission assignment may seek to complete intensive study in some specific area of inquiry on a part-time basis while oversees and, therefore, may seek a limited amount of academic credit for learning in the study abroad setting. To do so, the student must enroll for the credit during the semester in which the study occurs and must make arrangements with the SNU Office of Financial Affairs to pay for the credits at the time of enrollment. The student must make specific arrangements with the supervising instructor(s) and a course plan must be approved by both the Dean of Arts & Sciences and the Department/School Chair prior to undertaking the study (using the Directed Study contract form). A maximum of six (6) credit hours may be obtained following this approach.
Grading System

Letter grades are assigned to reflect the quality of work achieved during the semester in which a course was completed. Each letter grade also carries a numerical weight that is used to calculate a grade-point-average. A grade-point-average is the quotient obtained by dividing the number of grade points earned by the number of hours attempted. The following grades (and their associated numerical weights) are used to denote the quality of work done in a course:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade points per hour of credit</th>
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<tbody>
<tr>
<td>A</td>
<td>4.0</td>
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<tr>
<td>A-</td>
<td>3.7</td>
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<td>B+</td>
<td>3.4</td>
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<td>B</td>
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<td>C+</td>
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<td>C</td>
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<tr>
<td>D</td>
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<td>F</td>
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</tbody>
</table>

The following grades are not used in calculation of GPA:

- PH Pass with Honors
- P Pass
- W Withdrawn
- I Incomplete

An Incomplete ('I') is given when a student lacks some essential requirements of the course, and is only allowed in special cases where students come to the end of the semester and experience illness or an unavoidable crisis. A grade of 'I' must be requested by the student and must have the approval of the course instructor, Department/School Chair, and Dean of Arts & Sciences. Forms for requesting an Incomplete are available from the Office of Academic Affairs and the Office of the Registrar. An 'I' is not to be given to allow extra time to complete coursework that should have been completed during the term. 'I' work must be completed prior to the beginning of the final examination period of the semester immediately following. Extension of the completion period requires approval by the Dean of Arts & Sciences.

Grade Appeal Provision

The assignment of grades is the responsibility of the course instructor. Final course grades are to reflect the work completed during the semester in which the student was enrolled for the course. Routine grade changes, therefore, should only arise when a clerical error or miscalculation has occurred. Grade changes are not allowed for work submitted after a semester is over or for the purpose of raising a grade, unless the student has an approved “incomplete” grade request on file for the course. Should a clerical error or miscalculation have occurred, the instructor can submit a Change of Grade form to the Office of the Registrar to correct the error.

If the student believes the grade reported by the instructor is unfair or if there is a dispute between student and instructor over the assessment of work completed in a course, the student has the right to appeal the grade assigned. The first step in attempting to resolve such a grade disagreement is for the student to meet directly with the instructor to review the student’s performance in the course. In that setting, the student and instructor should make sure that the grade record accurately reflects the work submitted, grades received for that work, accurate recording of the student’s class attendance, and any other clerical elements that comprise the final course grade. Although a student may request that the instructor reconsider a grade assigned for a particular assignment, such reconsideration is at the instructor’s discretion and will normally occur only if there is compelling reason to believe the original grade was a
seriously inaccurate assessment of the level of performance on that assignment. If the instructor does agree to reconsider previously submitted work, and the re-evaluation would result in a change of grade, the instructor may submit a Change of Grade form at that time. As noted above, however, additional work is not to be considered after the semester is over or for purposes of raising a grade unless the student has received approval for an Incomplete to be recorded for the course. If the dispute remains unresolved after consultation with the course instructor, the student may appeal to the appropriate department/school chair.

If, after initial review with the course instructor, and/or department/school chair, no grade change is deemed appropriate, the student may submit a formal grade appeal. Such an appeal must be submitted in writing to the appropriate Dean, along with whatever documentation the student deems appropriate to support the request. Once a letter of appeal is received from the student, information is requested from the course instructor to explain and document the basis used for determining the student's course grade. All written materials are then reviewed by an Appeals Board and a recommendation made to either grant the appeal or leave the grade as originally recorded. Final determination rests with the Vice-President for Academic Affairs. Questions concerning the grade appeal process should be referred to the Office of Academic Affairs.

**Academic Probation and Eligibility**

Continued enrollment at Southern Nazarene University requires satisfactory progress toward an educational objective, as based on the following two indicators:

1. The grade point average (GPA) for the last semester in which the student was enrolled.
2. The cumulative grade point average for all college work that has been attempted by the student.

A student is making satisfactory progress if the cumulative GPA is at least 2.00 and the previous semester GPA is at least 1.50.

Students with grades falling below the required cumulative GPA of 2.00 are placed on probation status, as are students admitted under the provisional admission guidelines. Students earning less than a 1.50 GPA in any given semester are also placed on probation status (even though the cumulative GPA may not fall below 2.00). The purpose of these placements is to alert students to the importance of maintaining the GPA required for graduation and provide support services toward the completion of their academic goals. Students with over 60 hours completed, whose cumulative GPA is sufficiently high to insure progress toward graduation, may receive a warning in lieu of probation.

In order to graduate, students must also maintain a minimum GPA of 2.0 (or higher if so specified) in their major. The student should be aware that these guidelines apply only to academic standing and may not be the same as those used to determine eligibility for other university areas (e.g., financial aid awards, athletics, etc.).

Students placed on academic probation are required to develop an accountability and monitoring plan. These students will meet with an Academic Center staff member and sign an Academic Probation Contract that outlines the semester's minimum probation requirements.

For students on final probation, participation in school-sponsored extra-curricular activities, student government councils, auditioned performances, intercollegiate athletics, or off-campus touring may be restricted, as recommended by Academic Center for Excellence in consultation with the appropriate campus area. In addition, special academic advising will be required for students on final probation.
If the semester GPA remains below 1.50 and/or the cumulative GPA remains below 2.00 for two consecutive semesters, the student may be declared academically ineligible to continue enrollment in a degree program. Students who are declared academically ineligible may appeal their academic standing to the appropriate Dean, if circumstances warrant reconsideration. For an appeal to be successful, sufficient evidence must be provided by the student to indicate that a substantial change will occur in the student’s academic performance. In those cases, conditions of re-enrollment will be imposed by the Dean; if those conditions are not met, the student may be withdrawn.

Veterans must maintain the minimum standards (cumulative GPA) required by the State Regents of Higher Education to continue to receive veteran benefits.

**Academic Reprieve**

Students who can demonstrate extraordinary circumstances contributing to poor academic performance in a previous semester may request in writing, through the office of the appropriate Dean, “reprieve” of that semester. Requests are governed by the following guidelines:

- At least four (4) years must have elapsed between the time of the request and the semester being requested for reprieve.

- During the semester requested for reprieve, the student must have had a semester GPA of less than 2.0.

- Prior to requesting the reprieve, the student must have earned at least twelve hours of credit, nine of which must be in content-based courses (i.e., excluding activity or performance courses) with a GPA of at least 2.0 and have earned no grade lower than a ‘C’ in any course.

- The student may request reprieve for up to two consecutive semesters or terms of enrollment. Full consideration will be given to both one-semester and two-semester requests, but there is no obligation to reprieve either or both semesters.

- If the request is granted, it will include grades earned and all hours attempted within the reprieved semester. If a student has proven proficiency in a particular course (as demonstrated by a grade of ‘C’ or above) during the reprieved semester, that student may be waived from repeating the course, although an additional course must be used to replace the credit hours.

- A student can have only one academic reprieve during his/her undergraduate academic career.

- Reprieved semesters will continue to appear on the student’s official transcript, with the notation “Academic Reprieve Granted.” The transcript will also include notation indicating that reprieved coursework is not used in the calculation of grade point averages. For more information, contact the Office of Academic Affairs.

**Confidentiality of Student Records**

Southern Nazarene University is the custodian of many types of student records and recognizes a duty to protect the confidentiality of the information contained therein. The University reserves the right to notify the general public of general information about its students, such as address, telephone number, college major, classification, and graduation date, if applicable. Student records are available for official use to authorized personnel who demonstrate a need to have access to such records. Students have access at reasonable times and under reasonable conditions to their University records.
Honors
To encourage scholarship and culture, Southern Nazarene University awards a number of academic honors to outstanding students.

Graduation Honors
The following academic honors are awarded:

*Cum Laude*: A student whose grade-point-average for the entire college program is at least 3.40 shall be considered eligible for graduation with the honor *Cum Laude*.

*Magna Cum Laude*: A student whose grade-point-average for the entire college program is at least 3.70 shall be considered eligible for graduation with the honor *Magna Cum Laude*.

*Summa Cum Laude*: A student whose grade-point-average for the entire college program is at least 3.90 shall be considered eligible for graduation with the honor *Summa Cum Laude*.

University Marshals
Each year the students in the junior class with the highest grade-point-averages are selected as “University Marshals.” This is the highest collegiate honor attainable by members of the junior class. The students receiving this distinction lead the senior class in all formal academic processions and are given public recognition at the time of Commencement.

President’s Award
Each year the university faculty selects two seniors enrolled in traditional programs as the outstanding man and woman of the graduating class. Candidates must have been enrolled in Southern Nazarene University for at least three semesters to be eligible for this award. The qualities considered in their selection include scholarship, loyalty and cooperation, leadership, service, and sportsmanship.

Outstanding Freshman Award
At the beginning of each academic year, the faculty selects four students from the freshman class of the preceding year to receive this award. Election is based upon scholarship, leadership, character, and participation in school activities. The awards are announced during the Fall semester.

Dean’s Honor Roll
At the end of each semester the Dean’s Honor Roll lists eligible students for recognition of high academic achievement. Students are eligible if they have a semester grade-point-average of 3.40 or above, have no grade below ‘C’, and have completed a minimum of twelve (12) hours during the semester as a traditional undergraduate student. Please note that achieving a place on the Dean’s Honor Roll for any given semester is separate from the designation of having earned a Dean’s Scholarship award.

President’s Honor Roll
At the end of each semester the President recognizes those traditional undergraduate students who have completed twelve (12) hours or more during the semester with a grade-point-average of 4.00. Please note that achieving a place on the President’s Honor Roll for any given semester is separate from the designation of having earned a President’s Scholarship award.

Honor Societies
SNU is an institutional member of the National Association of Collegiate Honor Societies. In addition, a variety of campus-wide discipline-based honor societies are active on campus. The specific descriptions follow.

*Phi Delta Lambda*: This organization is the national honor society of the colleges and universities of the Church of the Nazarene. The Southern Nazarene University affiliate is known as the Epsilon Chapter. The chapter is comprised of honor graduates of the University’s traditional program (approximately the top 15 percent of
ADMISSIONS AND ACADEMIC REGULATIONS

each graduating class) who have been elected to membership by the faculty. Membership in the chapter is a significant honor. Among the criteria considered by the faculty in the election of honor society members are 1) graduation with honors, and 2) exemplary behavior reflecting the ethical standards and Christian ideals of the University. The minimum grade-point-average of graduation with honors is 3.40.

**Alpha Delta Lambda:** This national freshman honor society has a chapter on the SNU campus. Its purpose is to encourage a high standard of learning, to promote intelligent living, and to help students recognize and develop meaningful goals for their roles as informed citizens in society. Students earn membership by maintaining a GPA of 3.50 on a first-semester load of at least 15 hours, or a two-semester load of at least 30 hours. Members are active in the sophomore year.

**Alpha Nu:** This organization is the student affiliate of the Epsilon Chapter of Phi Delta Lambda. Students who maintain a GPA of 3.40 for two consecutive semesters (12 hours minimum) are eligible for membership. Membership is on a yearly basis.

**Cardinal Key:** This national honor-service club is for elected junior students. Membership requires a minimum GPA of 3.0. It sponsors community service projects and assists with various activities on campus.

**Delta Mu Delta:** This honor society promotes sound scholarship in business and recognizes scholastic achievement in Business subjects. To be eligible, undergraduate students must have a cumulative GPA of at least 3.20 after completing 62 hours, and must be in the top twenty percent of their total class in cumulative grades. Graduate members must maintain a 3.25 GPA.

**Kappa Delta Pi:** This international honor society for Education students seeks to recognize sound scholarship, commendable personal qualities, worthy educational ideals and outstanding contributions to education. Any junior student majoring in Education, with a 3.5 GPA, is invited to join the society and remains a member for life. The local chapter (Phi Tau) is very active in service projects and in sponsoring programs that promote excellence in education.

**Mortar Board:** This national honor organization focuses on scholarship, leadership, and service. Membership is open to elected seniors in traditional programs who are in the upper 35 percent of their class. Service to campus and community are a primary focus of this group.

**Psi Chi:** This honor society is for Psychology students who are elected to membership on the basis of scholarship and academic excellence. The society’s purpose is to encourage excellence in all areas of a student’s study and to promote the advancement of the science of psychology. Undergraduates must be in the top 35 percent of their class; graduate members must maintain a 3.0 average.

**Sigma Delta Pi:** Junior and senior students of Spanish may be elected to membership after completing 24 semester hours of Spanish (including at least three credit hours of Hispanic Literature). The society seeks to honor those who attain excellence in the study of the Spanish language, literature, and culture. It also promotes greater awareness of the contributions of Hispanic culture to the modern world and fosters mutual respect between Hispanic and English speaking peoples.

**Sigma Pi Sigma:** National honor society for students in Physics. Undergraduate candidates must complete three semester courses that would apply toward a degree in Physics and be in the upper one-third of their class in general scholarship. Sigma Pi Sigma nurtures a spirit of professional community among its diverse members, encouraging them to offer their collective wisdom and perspectives to service of society.

**Sigma Theta Tau:** This international honor society for Nursing students recognizes achievement and leadership, fosters professionalism and creativity, and seeks to strengthen commitment to ideals of the profession. Eligible students must have completed half of the Nursing curriculum, be in the upper 35 percent of their graduating class, have a 3.0 cumulative GPA, and have demonstrated academic integrity.
ACADEMIC STRUCTURE and CURRICULA
ACADEMIC STRUCTURE AND CURRICULA

Academic Organization

Loren P. Gresham, President
Don W. Dunnington, Vice-President for Academic Affairs
W. Davis Berryman, Dean of Graduate & Adult Studies
Martha L. Banz, Dean of Arts & Sciences

For purposes of curricular organization and integration, the faculty of the University and the areas of instruction are grouped as follows:

**Division of Communication Arts** (Chair: Dr. Peggy Poteet)
- Departments: English; Modern Language; Speech Communication

**Division of Science & Mathematics** (Chair: Dr. Daryl Cox)
- Departments: Biology; Chemistry; Mathematics; Physics; Computing & Information Systems

**Division of Social & Behavioral Sciences** (Chair: Dr. Bob Lively)
- Departments: History, Politics, & Geography; Psychology; Sociology

**School of Business** (Chair: Dr. Larry Mills)

**School of Education** (Chair: Dr. Rex Tullis)
- School/Department: Education; Kinesiology & Sport Management

**School of Music** (Chair: Dr. Phil Moore)

**School of Nursing** (Chair: Dr. Ann Ferguson)

**School of Theology & Ministry** (Chair: Dr. Hal Cauthron)

**School of Adult Studies** (Chair: Dr. W. Davis Berryman)
- Programs: Bridge, Family Studies & Gerontology, Network Management, Nursing, Organizational Leadership

**School of Graduate Studies** (Chair: Dr. W. Davis Berryman)
- Programs: Business, Education, Nursing, Psychology, Theology & Ministry

Undergraduate Degrees

The University, with its member departments and schools, offers a number of different degrees. A variety of pre-professional programs are also provided to prepare the student for entrance into various types of professional schools (see specific program descriptions in a later section of this Catalog for more information on pre-professional programs of study). The undergraduate degrees and pre-professional programs offered by the University are as follows:

**Associate of Arts (A.A.)**
- The Associate of Arts degree is awarded on the completion of selected two-year programs. Requirements include courses in General Education as well as courses from the selected area of concentration.

**Bachelor of Arts (A.B.)**
- The broadest background in the arts, letters, and sciences is provided by the type of curriculum leading to the Bachelor of Arts (A.B.) degree. The curricula leading to this degree give particular emphasis to the study of the arts and letters. This curriculum is broad enough to acquaint the student with numerous fields of study, and it requires sufficient concentration in the major and minor to provide a basis for further specialization in graduate or professional school.

**Bachelor of Music Education (B.Mus. Ed.)**
- The Bachelor of Music Education degree is conferred upon the completion of a four-year course in music. Three patterns for the major are provided, making it possible for the student to concentrate in performance, vocal, or instrumental music. The curriculum is designed to meet the requirements for state certification as teachers of vocal or instrumental music in the public schools.
Bachelor of Science (B.S.)
The type of curriculum leading to the Bachelor of Science degree provides for a general education in the arts, letters, and sciences, but gives more particular emphasis to the natural sciences, applied sciences and/or professional studies than the curricula leading to the Bachelor of Arts degree.

Graduate Degrees
Detailed information on the graduate degrees offered by the University (M.A., M.A.E.L., M.A.M.F.T., M.B.A., M.S.M., M.S.C.P.), and the various concentrations in each, can be found in the separate Graduate Catalog.

Adult Studies Programs
Seeking innovative extensions to the community, SNU offers alternative settings for the non-traditional student through a variety of program tracks at both the main campus and the Tulsa Center. Degree completion programs include Organizational Leadership (OL), Family Studies and Gerontology (FSG), Nursing (RN-BS), and Network Management (NM). The Bridge program provides courses on a semester-by-semester basis for those with insufficient hours for admission to one of the degree completion tracks. Additional information on these programs is located in a later section of this volume and in the Adult Studies Handbook, which is an official extension of this Catalog.

Program Requirements

Associate of Arts Degrees
All Associate of Arts (A.A.) degree programs require the completion of 62 credit hours with a minimum cumulative GPA of 2.0. Thirty (30) hours of residence credit are required, of which 15 must be at the sophomore level or above. No more than nine (9) hours of upper-division credit will be counted toward an A.A. degree.

Baccalaureate Degrees
The specific requirements stated below are in addition to the general requirements for all baccalaureate degrees outlined in the Academic Regulations section of this Catalog. In addition to the hours specified for the departmental major and minor, or for a multidisciplinary concentration, students must enroll in enough electives to complete the total number of hours required for the degree. Fulfillment of the basic General Education requirements are also expected for all A.B. and B.S. programs, unless specific exceptions have been approved by the faculty. Requirements for departmental majors and minors are outlined in each department.

Bachelor of Arts
The Bachelor of Arts (A.B.) degree is designed to provide a broad educational experience with enough specialization to ensure competence in a specific discipline or in areas of study related to the student's declared life objective. This degree provides knowledge and training that equips students with a broad base of preparation for employment or further study in a variety of fields.

Departmental Major/Minor: The student will complete requirements specified by a department for the major, not to exceed 50 hours, supported by a minor of at least 15 hours. No more than 50 hours from the departmental major may be applied toward the degree.

Language Requirements: Students are required to complete at least six (6) hours of foreign language. Departments may prescribe additional hours of language.

Bachelor of Music Education
Two types of concentrations are offered for this degree: 1) Instrumental/General, and 2) Vocal/General. The following requirements for Bachelor of Music Education degrees are in addition to the general requirements for all baccalaureate degrees outlined in the Academic Regulations section of this Catalog.
ACADEMIC STRUCTURE AND CURRICULA

Fulfillment of the basic General Education requirements is also expected for all B.Mus.Ed. programs, unless specific exceptions have been approved by the faculty. The additional requirements for the B.Mus.Ed. degree include:

a) The specified block of professional education hours that includes methods and student teaching.

b) Specific music courses and special requirements and regulations, as outlined in this Catalog under the School of Music section.

**Bachelor of Science**

The Bachelor of Science (B.S.) degree is designed to provide students with thorough preparation in a particular academic discipline or in a combination of particular areas. This degree is characterized by depth of preparation in one area, complemented by breadth of academic experience in the overall course of study. This degree equips students in those fields in which extensive preparation in a discipline is expected for post-baccalaureate employment or study. Consequently, the student must complete at least 50 hours in a concentrated area of study.

**Departmental major/ minor or concentration.** The student will complete a departmental major supported by one minor of at least 18 hours in a related department (this major and minor to total at least 50 hours) or a field concentration of at least 50 hours (which includes requirements for the departmental major supplemented by coursework drawn from related fields).

**Language requirements.** Students expecting to enter graduate school are advised, but not required, to include foreign language (6-14 credit hours) in their course of study. The School of Music requires two semesters of French or German for the performance concentration.

**Multidisciplinary Concentrations**

A multidisciplinary concentration is a second program option for both the A.B. and B.S. degree tracks. Under the multidisciplinary concentration, the student will complete not less than 60 hours in courses related to the student’s declared life objectives from two or more academic areas (departments, schools, academic programs). A minimum of 20 hours or the prescribed minor must be completed in each of two academic areas. At the time the student designates a multidisciplinary course of study as a major, the specific courses to be included in the program and a statement of rationale must be approved by the chairpersons of each of the two primary academic areas. To facilitate planning and advisement, this document should be approved and filed in the Office of the Registrar no later than the end of a student's sophomore year.

**Master's Degree Programs**

The degree requirements for all master's level programs are outlined in detail in the separate Graduate Catalog.
GENERAL EDUCATION PROGRAM

Goals

The General Education curriculum undergirds the liberal arts objectives of the University and cooperates with the mission of building well-balanced and educated persons of faith. Accordingly, the General Education program is committed to development of personal responsibility, the essence of CHARACTER; exposure to the liberal arts tradition, the essence of CULTURE; and affirmation of Biblical Christianity, the essence of a life devoted to CHRIST. The underlying goals of the General Education curriculum focus on challenging students in the following areas.

1. Students will be advised to pursue their career preparation in the context of commitment to the liberal arts tradition, recognizing that the liberal arts are relevant for vital living in the modern world. Students will cultivate critical, creative, and technical skills necessary for logical thought, for clear written and oral expression, and for a basic understanding of mathematical reasoning and application. At the same time, they are to show improvement throughout their coursework in critical, constructive, and reflective thinking skills and develop progressively higher levels of proficiency in basic academic skills, such as readings of text and data, oral and written communication, and research methods to locate, evaluate, and use information.

2. Students are challenged to develop a thirst for knowledge resulting in a self-sustained, lifelong commitment to learning and a love for truth that includes open-mindedness, objectivity, courage, and persistence. They will develop as students and continue as alumni value-oriented habits of activity, specifically to take personal responsibility for their own lives, develop habits and attitudes leading to lifetime physical and emotional well-being, exercise stewardship toward God’s creation, practice responsible citizenship, and value and appreciate cultural and individual diversity within the framework of a Christian ethic.

3. Through CORE coursework particularly, students are expected to acquire a reasonable understanding of the literary, philosophical, aesthetic, scientific, and religious aspects of culture that structure thoughtful inquiry into the human condition. Students will develop a context of historical, cultural, and philosophical knowledge that provides a basis for understanding broader contexts of human behavior; influences of social, political, and economic structures on the modern family and society; scientific procedures and theories and the impact of scientific and technological issues on daily life; and the content and methodologies of Scripture study in the context of the Wesleyan-holiness theological tradition.

Students are challenged to become equipped for leadership in the Church and society and to commit to serving others through the Church. Students will be invited to develop and demonstrate an informed faith commitment, first and foremost, personally to Christ, to a lifelong study of the Bible, to participation in the Church, to the pursuit of a holy life, and to development of faith perspectives, especially as related to the academic disciplines. Students will understand that living out this commitment requires adhering to high moral standards, held with integrity, yet without dogmatism or coercion.
Curriculum Requirement Areas

The General Education curriculum consists of the following coursework that falls into two broad areas: CHOICE (42 credit hours) and CORE (21 credit hours). In some cases required coursework in particular majors also satisfies requirements in General Education. Approved substitutions of this sort are noted in the departmental coursework requirement sections of this Catalog and/or program handbooks, and are indicated in the course options listed on the UNIVISOR audit and advising system. Any exceptions to stated requirements not specified in this Catalog must be approved by petition (refer to the Academic Regulations section for information on the petition process).

CORE Area

CORE courses round out the student's knowledge in areas familiar to culturally literate persons and expose the student to central questions in specific academic disciplines. At the same time, these courses help students see how each discipline is part of a broader body of knowledge and challenge them to carefully examine worldview issues and assumptions of special importance to Christians. CORE courses, particularly capstones, emphasize interdisciplinary knowledge and require students to integrate what they have learned throughout their General Education coursework. The General Education CORE is designed around three primary themes. The IDENTITY & CULTURE theme seeks to raise fundamental questions about individual and corporate identity and responsibility. The FAITH & TRADITION theme leads to a meaningful understanding of heritage and tradition and a careful scrutiny of contemporary conditions and assumptions. The SERVICE & SOCIETY theme emphasizes the responsible engagement of Christian persons with significant questions and issues.

Students are required to take the following courses comprising the CORE:

- HP 2003 Introduction to World Civilizations
- ART/FA 2123 Introduction to Fine Arts
- ENGL 2413 Introduction to Literature
- BTL/GS 3013 Introduction to Biblical Interpretation
- PHI L 2013 Introduction to Philosophy
- THEO/GS 2233 Introduction to Christian Thought
- NS 3043 Science, Technology, & Society
- PSY/SOC 3013 Contemporary Social Issues

No substitutions to these CORE courses are ordinarily allowed. (In limited cases a department teaching the course has developed an approved substitution for their majors, which is noted in the departmental requirements appearing in other sections of this Catalog or in official department handbooks.) Any CORE requirement exceptions not specified in this Catalog must be approved by petition (refer to the Academic Regulations section for information on the petition process).

CHOICE Area & Advising Tracks

As an open admission institution, SNU attracts a broad spectrum of students. To accommodate this wide range of incoming student ability, academic preparation, and interest, the General Education program allows for multiple advising tracks within the CHOICE area.

Incoming students will be initially assigned to an advising track by the Registrar's Office on the basis of ACT scores and high school course records. Students may request a track reassignment through the end of their freshman year, at which point track assignment for all students will be reviewed and finalized.

Standard courses and approved substitutions, along with applicable CLEP and AP test names, are indicated in the semester Schedule of Classes and appear as course options in the UNIVISOR audit and advising system (available through My.SNU). Certain programs of study may require or recommend particular course substitutions...
for their majors, which are noted in the departmental requirements appearing in other sections of this Catalog or in official department handbooks. Some requirements may not apply to all students; see the guidelines below for special students and circumstances.

Electives are designed to encourage students to explore areas of interest; they may include activity courses up to 4 hours credit, courses in a minor or a double major, off-campus study programs, or other courses of choice outside published requirements in the major. Electives must be used first to remediate any deficiencies in routine background preparation as indicated on the Entry Audit.

Students must earn credit by completing coursework chosen from approved course options in each track as noted below, observing any stated course prerequisites. AP and CLEP credit will meet requirements where applicable. Appropriate course choices within General Education should be made through consultation between student and advisor, taking into account ability and readiness, interest, and major.

**Provisional Advising Track (Track I)**

Students entering the University with provisional admission status (ACT 17 or below OR high school rank of 40% or below) are expected to enroll in these standard General Education courses in the CHOICE area to satisfy General Education curriculum requirements:

- **GS 1031** New Student Institute/Seminar (college orientation)
- **GS 0113** University Study Strategies
- **GS 1213** Critical Thinking Strategies
- **CS 1113** Computing Today (or pass Computing Proficiency Test and take an elective)
- **ENGL 1113** Composition I
- **ENGL 1213** Composition II
- **MATH 1113** Math Concepts (any section)
- Laboratory course in biological science (3 Hours)
- **BIO 1113** Intro. to Biology
- Laboratory course in physical science (any 3 hours listed here)
- **NS 1143** Earth and Sky
- **NS 1123** Intro. to Astronomy
- **HP 1483/1493** U.S. History I or II
- **HP 1113** American Federal Government
- **PEG 1001** Lifetime Wellness (plus a one-hour activity course)
- **SP C 1133** Intro. to Speech Communication
- **B LT/GS 1163** Biblical literature (passing Bib. Lit. Placement Test allows options beyond introductory coursework)
- **PRTH/GS 3023** Ministry, Church, and Society
- **ECO 3033** Business, Economics and Society
- Three (3) elective hours

To address some of the particular challenges faced by provisionally-admitted students, they are required to enroll in a designated block of courses during their first two semesters at SNU. That block includes completion of University Study Strategies and Critical Thinking Strategies, a two-semester course sequence, as a part of their overall program of study. These two courses are required and necessitate that any Track I student’s program will contain a minimum of 127 credit hours. Provisionally-admitted students must also meet any other remedial course work requirements, as noted in General Education course prerequisites. Although a set of required courses is specified for provisionally-admitted students, the block does allow sufficient latitude for the student to complete any needed entry-level course work in his/her specified major as well.
Provisionally admitted students who complete their freshman year with a cumulative GPA of 2.0 or above, with sufficient hours completed to demonstrate academic progress, and are in good standing with the Academic Center for Excellence, will be reassigned to the standard advising track (Track II).

**Standard Advising Track (Track II)**

- GS 1031  New Student Institute/Seminar (college orientation)
- CS 1113  Computing Today (or pass Computing Proficiency Test and take elective)
- ENGL 1113  Composition I
- ENGL 1213  Composition II
- Mathematics course (3 Hours)
- Laboratory science course (3 Hours)
- American history or government course (3 Hours)
- One additional course in either lab science
  - OR history/government (3 Hours)
- PEG 1001  Lifetime Wellness plus a one-hour activity course (2 Hours)
- Speech course (3 Hours)
- BLT 1163  Biblical Literature (passing Bib. Lit. Placement Test allows options beyond introductory coursework)
- PRTH/GS 3023  Ministry, Church, and Society
- ECO 3033  Business, Economics and Society
- Three (3) elective hours

**Enrichment Advising Track (Track III)**

Students entering the University on the Dean's, President's, or Honors Scholarships (ACT 25 or above OR high school rank of 95% or above) may satisfy some General Education requirements in the CHOICE area with course options as follows:

1. Substitute one (1) elective course for Composition I (unless otherwise indicated on Entry Audit)
2. Substitute four (4) designated General Studies Elective (GSE) courses, each drawn from one of these four areas, for the standard Math, Science, and History requirements:
   a. Math/Science
   b. Social Science/Statistics
   c. History/Philosophy
   d. Literature/Arts/Religion

Approved GSE courses for each of these areas (and any prerequisites or recommendations for course readiness) are listed in the CHOICE options on the UNIVISOR audit and advising system. Additional courses may appear in new academic years. GSE courses need not be taken early in a student's college career. They should be spread throughout a program of study as available courses coincide with a student's interests. See the SNU web pages for a complete list of approved GSE courses, which are also flagged in the printed *Schedule of Classes* for each semester.

General Studies Elective (GSE) courses have been selected for their contribution to a broadening, liberating, and enriching educational experience. GSE courses encourage conceptual thinking and discussion of ideas, investigate the presuppositions, values, or limits of an academic discipline, and along with an emphasis on reading and writing often allow investigation of a chosen problem, topic, or issue. While most provide exposure to a subject area beyond a basic introductory level, they are accessible to students from all majors across campus.
GENERAL EDUCATION

3. Apply AP or CLEP credits satisfying standard General Education requirements towards any electives in the CHOICE area or towards any of the integrated CORE courses in Civilization, Fine Arts, or Literature.

4. Choose additional courses approved for substitution in these areas, provided any prerequisites are met: Wellness, Economics, Speech (UNIVISOR notations indicate options).

The Enrichment Track is unique in the range of course choices offered, the opportunity to meet other top students in GSE courses, and the advantages that come from building a distinctive transcript. Students planning to enter graduate or professional school after graduation are particularly encouraged to pursue this track, as it results in special recognition at Commencement and a notation on the official transcript.

Enrichment Track students must maintain a minimum 3.5 cumulative GPA at the end of their first two semesters to remain in this advising track; those with less than a 3.0 cumulative GPA will be reassigned to Track II. Enrichment track students with a cumulative GPA between 3.0 and 3.5 may petition to continue to be advised in the Enrichment Track, but they will only be eligible for graduation recognition for successful completion of this track if they graduate with a cumulative GPA of at least 3.5.

Placement and Proficiency Testing

Course Placement. Students will be advised into particular courses and sections of Composition I and II on the basis of ACT scores. Students lacking satisfactorily completed high school coursework according to existing entry-level transcript evaluation standards will be directed on the Entry Audit to select a course in a particular area of the science and/or history/government requirements, such as a laboratory course in the biological or natural sciences, American history, or American government.

Biblical Literature Placement Test. Students who pass the SNU Biblical Literature Placement Test are no longer required to take the Introduction to Biblical Literature (BLT 1163) class. Instead, they may enroll in a more advanced course in Biblical Literature (a course with a BLT prefix) after completing Introduction to Biblical Interpretation (BLT 3013). Any 3000- or 4000-level Biblical Literature course will serve, but the following courses are especially recommended for the general student: BLT 3113 Pentateuchal Narratives, BLT 3123 Historical Books: The Former Prophets, BLT 3233 The Bible as Literature, BLT 3243 Matthew and Mark, and BLT 3253 Pauline Epistles.

Computing Proficiency Test. Any student who passes the SNU Computing Proficiency Test may substitute an elective course for the computing area requirement, unless a particular computing course is also required for the major. For further details on taking this exam, contact the SNU Testing Center.

Transfer Credit Evaluation. The Office of the Registrar evaluates transfer coursework for its applicability to SNU General Education requirements. Transfer credits meeting particular SNU course requirements are so noted on the Entry Audit.

CLEP and AP Credit. CLEP and AP credit may satisfy some General Education requirements listed above. Awarded credit is applied to the transcript as college credit hours. For further details on taking these exams, contact the SNU Testing Center.
ASSOCIATE OF ARTS PROGRAMS

Students enrolling in an Associate of Arts (A.A.) degree program must fulfill the regular requirements for admission to the University. To complete these degree programs, the degree candidate must complete 62 hours of college work and maintain a cumulative GPA of 2.0. Thirty (30) credit hours must be completed in residence and a minimum of fifteen (15) residence hours must be completed at the sophomore level or above. No more than nine (9) hours of upper-division credit count toward the residence requirement. If the student later wishes to pursue a baccalaureate program, the courses completed as part of the A.A. may apply toward the bachelor’s degree.

Details for other Associate of Arts programs (Business, Communication Arts) are located in their respective sections of this Catalog.

ASSOCIATE OF ARTS IN GENERAL STUDIES

General Education Requirements 32 Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 1113</td>
<td>Computing Today</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Math Concepts</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>SP C 1133</td>
<td>Introduction to Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>B LT 1163</td>
<td>Introduction to Biblical Literature</td>
<td>3</td>
</tr>
<tr>
<td>THEO 2233</td>
<td>Introduction to Christian Thought</td>
<td>3</td>
</tr>
<tr>
<td>PEG 1002</td>
<td>Lifetime Wellness &amp; Activity Course</td>
<td>2</td>
</tr>
<tr>
<td>One Natural Science course (Biology, Chemistry, Physics)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>One Citizenship course (History, Government)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>One Humanities Course (Fine Arts, Literature, Philosophy, Civilizations)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Area of Concentration

A minimum of thirty (30) credit hours is required in the area of concentration. Of these thirty (30) hours, a minimum of eighteen (18) (including General Education courses, if applicable) should be from one disciplinary area. The twelve (12) additional hours may be chosen (in consultation with the advisor) from either one department’s course offerings or from a variety of disciplines, depending upon the student’s vocational direction.

PRE-PROFESSIONAL PROGRAMS

The University offers the basic science, social science, English, and mathematics course work to assist the student with entry into professional schools of engineering, medicine, pharmacy, and other professions requiring these skills. The following curriculum outlines are intended to guide the student in the selection of pre-professional courses. The courses suggested in these curricula can usually be completed in two to three years, but it may be advisable for the student to complete a full four-year degree program in the liberal arts before entering the professional school. It is essential that the student identify the particular professional school of interest as early as possible so that appropriate electives be selected and will be those required for entrance to that institution. The student’s advisor will assist in planning the course of study to this end.

Pre-Agriculture

A two-year program is offered after which the student transfers to a School of Agriculture. Since the requirements are not the same at all Schools of Agriculture, the student should identify the professional school at time of registration.
PRE-PROFESSIONAL PROGRAMS

Pre-Architectural

Many courses are available to provide a full first-year program. These include: Mathematics, Physics, Art, Introduction to Engineering, Introduction to Computer Systems, English, Speech, History, etc. The student should carefully check the catalog requirements for courses that will transfer from Southern Nazarene University to the student’s anticipated school of architecture.

Allied Health

Allied Health Fields: Cytotechnology - Nutritional Sciences - Dental Hygiene - Medical Technology - Nuclear Medicine - Occupational Therapy - Physical Therapy - Physicians Associate - Radiation Therapy - Radiography – Sonography

Preparation for most of the baccalaureate degrees in the Allied Health professions are organized as 2 + 2 programs: the sciences and general education courses are available at any college or university. The final two years consist of clinical - professional courses available only at a few professional schools. Admission to the professional program is often highly selective. The student should work closely with a Science advisor in planning an academic program.

A planning chart describing the arts and sciences courses students would take at SNU to meet admission requirements for the Oklahoma University Health Sciences Center (OUHSC) programs in Oklahoma City is available either in the Biology Department or the Kinesiology & Sport Management Department. Requirements at other universities may differ somewhat and students are advised to obtain current bulletins for the programs to which they might wish to transfer.

Another option for students with an Allied Health interest is to graduate from SNU before gaining admission to a professional program. A major in Athletic Training, Exercise Science, or Kinesiology from the SNU Department of Kinesiology and Sport Management or from the SNU Department of Biology could be a plus factor in gaining admission to Nutritional Sciences, Physical Therapy or Occupational Therapy. There is a trend for Physical Therapy programs to require B.S. degrees for admission.

Pre-Engineering

Several options are available for the student who wishes to pursue a career in the engineering fields.

Students interested in Electrical or Mechanical Engineering may participate in a cooperative program with Oklahoma Christian University (OC), located near Edmond, Oklahoma, and about 20 minutes drive from SNU. The Engineering program at OC is accredited by the Accreditation Board for Engineering and Technology (ABET). In this program the student takes required general education courses at SNU and may remain in residence on the SNU campus for the entire college career. The engineering degree is awarded by OC. Academic scholarships awarded by SNU are recognized by OC.

Another option is to attend SNU for four years and obtain a Bachelor of Science degree in Physics, Mathematics, or Chemistry. The student would then be prepared to enter graduate school and pursue an M.S. or Ph.D. degree in one of the engineering schools. Attractive fellowships are available to students with good academic records.

A third possibility is to attend SNU for two years and transfer to a college of engineering at another institution that offers the desired undergraduate degree in engineering. SNU provides the complete program of course work expected of engineers during the first two years of their program. If this is the desired option, the student should obtain a catalog from the institution offering the engineering degree to ensure that the courses taken at SNU are appropriate for the desired engineering program and can be effectively transferred to that institution.
### Typical Pre-Engineering Curriculum (first two years)

**First Semester**
- **ENGL 1113** Composition I .................................................................3
- **CHEM 1124** General Chemistry I..........................................................3
- **MATH 2324 or 2424** Calculus I or II......................................................4
- **GS 1031** New Student Institute/Seminar ............................................1
- General Education Courses..........................................................................4
- **Total** 15

**Second Semester**
- **ENGL 1213** Composition II ..................................................................3
- **CHEM 1224** General Chemistry II..........................................................4
- **MATH 2424 or 3164** Calculus II or III ....................................................5
- General Education Courses..........................................................................3
- **Total** 15

**Third Semester**
- **PHYS 2114** General Physics I for Scientists & Engineers .......................4
- **MATH elective** ......................................................................................3
- **CS 2443** Introduction to Computer Science I..........................................3
- General Education Courses..........................................................................5
- **Total** 15

**Fourth Semester**
- **PHYS 2214** General Physics II for Scientists & Engineers .....................4
- **CS 2543** Introduction to Computer Science II.........................................3
- **MATH 3154** Calculus II ..........................................................................4
- General Education Courses..........................................................................4
- **Total** 15

### Pre-Law
See History, Politics, & Geography, English, or Business sections of Catalog for detailed information.

### Pre-Medicine (Dentistry, Osteopathy, Veterinary Medicine, Physician Assistant) OR (M.D., D.D.S., D.O., P.A., D.V.M.)
Pre-Medicine has more majors than any other science program at SNU. During the last five years SNU students have gained admission to the following medical schools: Case-Western (Cleveland), Columbia (NY), Florida, Northwestern (Chicago), Oklahoma (OKC), Oklahoma (Tulsa - Ost.), Tennessee, Texas (Dallas - S.W.), Texas (San Antonio). Medical school admission is more competitive than ever. In order of importance for admission are: (1) Medical College Admission Test scores (MCAT); (2) grades; (3) extra curricular achievements which contribute to resume/interview. Average MCAT scores of 9 or better are a must.

The Biology-Chemistry major, which is described more fully in each of the respective catalog sections, is the recommended program of study for those interested in pursuing medical school. It is specifically designed to include the content areas most needed to effectively prepare for the MCAT and subsequent medical school study. In addition to the Biology-Chemistry program content areas, excellent reading and writing skills are a must. Working closely with your SNU Science faculty advisor and SNU Pre-Med Committee is imperative to quality preparation. Students should plan to take the MCAT in April of their junior year, with at least one semester of intensive review prior to taking the exam.
PRE-PROFESSIONAL PROGRAMS

**Pre-Medical Technology and Medical Technology**

There are three options under which students may pursue certification as a registered Medical Technologist MT (ASCP).

1. The 2+2 option: Complete two years (64 hours) of prerequisite courses at SNU, then transfer to a university that offers a two-year upper division major in medical technology. The bachelor's degree is granted by the latter university. The student should obtain information on current prerequisites from their state of legal residence or desired transfer institution. SNU offers most required courses. Oklahoma no longer has a 2 + 2 program.

2. The 3+1 option: Complete three years (94 hours) on campus at SNU, then spend twelve months at a hospital with an accredited teaching program in medical technology. The student may be officially enrolled at SNU during the clinical year and the bachelor's degree in medical technology may be granted by SNU. Such programs are available in most cities in most states.

3. The 4+1 option: Obtain a bachelor's degree from SNU while completing prerequisite courses for a hospital-based program. Students who complete a bachelor's degree before applying for admission, may have an advantage in being accepted into medical technology certification programs. Also a bachelor's degree in biology and/or chemistry may be more flexible than a degree specifically in medical technology.

Medical technology programs have competitive admission policies. Although SNU is affiliated with several hospitals in Oklahoma, students are not guaranteed admission. Under all three options above, the student must pass a national registry examination to be certified as a registered medical technologist MT (ASCP).

**Pre-Optometry**

Several optometry schools are available to SNU students, including Houston, Chicago, and Northeastern Oklahoma State University (Tahlequah). Most persons admitted to optometry school are college graduates. The required courses are similar to those for pre-meds. The student's SNU Science faculty advisor will have recent information on the optometry schools.

**Pre-Pharmacy**

Most pharmacy programs are of the 2 + 3 variety, (i.e., two years of general education and science courses are required before admission to the pharmacy school can be granted). In recent years SNU students have gained admission to both of the Oklahoma schools (Southwestern Oklahoma State University in Weatherford, and the University of Oklahoma Health Sciences Center) as well as to schools in Kansas City, MO, and Big Rapids, MI.

**Typical Course Sequence for Pre-Pharmacy**

<table>
<thead>
<tr>
<th>Freshman</th>
<th>Hours</th>
<th>Sophomore</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CHEM 1124</td>
<td>Gen. Chemistry I ....4</td>
<td>CHEM 3114</td>
<td>Org. Chemistry I ............5</td>
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<tr>
<td>ZOO 1115</td>
<td>Gen. Zoology.......5</td>
<td>PHYS 1114</td>
<td>Gen. Physics I ...............4</td>
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<tr>
<td>ENGL 1113</td>
<td>Composition I.......3</td>
<td>MATH 2324</td>
<td>Calculus I .....................3</td>
</tr>
<tr>
<td>GS 1031</td>
<td>New Student Institute ...1</td>
<td>Gen. Psychology or Gen. Sociology ..........3</td>
<td></td>
</tr>
<tr>
<td>U.S. History or American Gov't ....3</td>
<td>Total 16</td>
<td>Total 15</td>
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### Pre-Professional/Teacher Education

<table>
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<tr>
<th>Course Code</th>
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<tr>
<td>CHEM 1224</td>
<td>Gen. Chemistry II...4</td>
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<tr>
<td>BIOL 2124</td>
<td>Microbiology.........4</td>
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<td>ACC 2113</td>
<td>Acctg. I OR...............</td>
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<tr>
<td>ECO 2123</td>
<td>Microeconomics......3</td>
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</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II ......3</td>
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<tr>
<td>U.S. History or American Gov't.......3</td>
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<tr>
<td>CHEM 3125</td>
<td>Org. Chemistry II...........5</td>
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<td>PHYS 1214</td>
<td>Gen. Physics II ............4</td>
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<tr>
<td>FA 2123</td>
<td>Intro. Fine Arts.............3</td>
<td></td>
</tr>
<tr>
<td>HP 2003</td>
<td>Intro. World Civ.............3</td>
<td></td>
</tr>
<tr>
<td>MISS 4183</td>
<td>Cultural Anthropology........3</td>
<td></td>
</tr>
</tbody>
</table>

| Total       | 17 | Total | 18 |

### Pre-Seminary

Admission to a theological seminary normally calls for graduation from college with a bachelor's degree. Students who expect to enter seminary after graduating from college should develop a background of literature, history, languages, philosophy, and social sciences in their degree program. Students graduating with the M.A. degree will be granted advanced standing at the Nazarene Theological Seminary. The Nazarene Theological Seminary conforms to the Association of Theological Schools in its admissions policies.

### Teacher Education

Teacher Education is one of the major undergraduate programs at Southern Nazarene University. All Teacher Education programs are accredited by the National Council for Accreditation of Teacher Education (NCATE) and approved by the State Board of Education for the State of Oklahoma.

#### Types of Programs

SNU offers programs for certificates at the following levels and areas:

- **EARLY CHILDHOOD** (Pre-Kindergarten through Grade 3)
- **ELEMENTARY EDUCATION** (Grades 1-8)
- **MIDDLE LEVEL EDUCATION** (optional) (Grades 5-9)
- **SECONDARY EDUCATION** (Grades 6-12)
- **ALL LEVELS** (Pre-Kindergarten through Grade 12) including:
  - Physical Education
  - Foreign Language (Spanish)
  - Music: Instrumental/General
  - Music: Vocal/General
- **SECONDARY** (Grades 6 through 12) including:
  - English
  - Mathematics
  - Science
  - Social Studies
  - Speech and Drama

Detailed academic requirements for these certificate programs are listed in the Teacher Education Handbook.

The above programs are available to meet the academic course work requirements of the following classes of certificates and/or endorsements:

- **STANDARD** (five-year validity). This is considered Oklahoma’s permanent certificate, although it must be renewed each five years. Renewal requirements are three years of teaching during the five-year period or completion of five (5) semester hours in the major or a related field. Consult the State Department of Education for alternative methods of meeting recency requirements.
SPECIAL/CONVERSION ENDORSEMENTS: Contact the Office of Teacher Education for current information on the specific requirements for these endorsements.


Admission to Teacher Education Program

All students who wish to prepare to teach and to meet certification requirements are required to apply and be admitted to Teacher Education. This admissions process must be completed preceding enrollment in upper division professional education courses. Applications may be made any time after completion of twenty-four (24) semester hours and the completion of General Education Math and English courses. However, all applications should be completed before the beginning of the junior year.

Admission Requirements

The Admissions process is designed to recruit persons with a strong commitment to teaching. Early application assists in helping the student develop skills and abilities. Criteria for admission follows: (Detailed check sheets are available in the Office of Teacher Education)

- Full admission to Southern Nazarene University.
- Completion of Introduction to Education (ED 2111) including all observation hours and evaluation forms.
- Successful completion of a minimum of 24 hours.
- Enrollment in Foundations of Education (ED 2162).
- Minimum cumulative GPA of 2.5.
- Take and pass the OGET (Oklahoma General Education Test).
- A grade of 'C' or better in a basic Speech Communications course.
- Satisfactory completion of an interview with the admissions committee.
- 24 hours of field experience completed.
- Completion or current enrollment in English Comp I (ENG 1113).
- Completion or current enrollment in English Comp II (ENG 1213).
- Completion or current enrollment in a Math course.
- Demonstration of a positive interest in teaching by prior experiences and activities as shown on the Interview Guide, the Instructor Evaluation Guide and the Evaluation by Cooperating Teacher of Field Observation.

Admission to Professional Semester

All students who are preparing to teach are required to take the all-day professional semester program. This program is an entire semester devoted to intensive course. The student must plan and expect to devote the full school day, Monday through Friday, to course work and laboratory experiences and additional time to co-curricular activities. During the off-campus period, the student is expected to devote full time to professional responsibilities, as does the teacher on the job. Application for the professional semester should be made during the year preceding the year in which the student plans to take the professional sequence of course work. This application is separate from the application for admission to Teacher Education and approval is dependent upon the applicant meeting the following criteria:
Admission to the Teacher Education program prior to application for the professional semester.

A cumulative GPA of 2.50 in the specialization and overall.

Completion of at least one-half of the total specialization.

Recommendation by the student’s major department and two faculty members.

An approved certificate program on file.

Good standing (not on disciplinary probation).

Completion of a minimum of 90 semester hours.

Completion of one semester in residence at SNU.

Proof of professional liability insurance coverage.

This candidate's status is reviewed periodically as the student progresses through the program. Final recommendation by the School of Education is needed before student teaching is done. The Teacher Education Council is responsible for the implementation of the above criteria.

Certificate Check Sheet

Any student expecting to teach should confer with the Teacher Education advisor in the subject area in which the student desires to teach. The requirements outlined for general education, professional education, and specialization, fit into the degree requirements of the University. The certificate programs are outlined in terms of areas and levels of teaching rather than college departments of instruction. By careful planning the student can meet the minimum requirements outlined for a certificate, and the additional requirements for a degree with a major in a chosen department, within the normal range of hours required for graduation.

Approved Certificate Programs

To secure a license or a standard certificate to teach in most states, six general requirements must be met:

1. Completion of an approved certificate program in an institution approved for Teacher Education.
2. Graduation from an accredited college with a bachelor's degree.
3. Passing the state teacher certification test(s) when required.
4. Recommendation for licensure by the Director of Teacher Education of the college attended or review and acceptance of a student’s file by the state office for teacher certification.
5. Meet any statutory requirements of the state. The curricular requirements for the certificate programs are divided into three (3) areas: General Education, Professional Education, and Specialization.

General Education

The General Education requirement is essentially the same in all Teacher Education programs. In some certificate programs, a limited number of hours credit in General Education may be counted in the area of specialization when approved by the Teacher Education Committee. Detailed outlines of the General Education requirements for all degrees are given in the section of the Catalog devoted to degree requirements. Students in Teacher Education programs are required by state certification requirements to have transcript credit for U.S. History and Survey of the Exceptional Child.

PROFESSIONAL EDUCATION and SPECIALIZATION REQUIREMENTS ARE PRINTED IN THE TEACHER EDUCATION HANDBOOK.
FINANCIAL INFORMATION and ASSISTANCE

DIVIDER PAGE
FINANCIAL INFORMATION & ASSISTANCE

While it is recognized that the cost of private higher education is significant, Southern Nazarene University is competitive in total cost with similar four-year accredited institutions. To help reduce costs, the University, through the Financial Assistance Office, provides assistance to a large number of students who may qualify for grants, scholarships or loans.

More complete information regarding financial assistance is available through the Financial Assistance Office. Students entering school late will be charged tuition and fees for the whole semester.

Tuition and Fees: All fees listed are for the 2003-2004 school year (projected). All charges are subject to change annually.

Tuition and Fees
Per Semester Block (Undergraduate) (12-17 hours) ............................... 5655.00
Per Semester Hour (Graduate) ................................................................. 401.00
General Fee (Per Semester) ................................................................. 240.00
Student Health Fee ................................................................. 20.00
Technology Fee (Per Semester) ..................................................... 80.00
Late Registration................................................................. 25.00 to 50.00

A late registration fee will be charged for late entrance. A minimum fee of $25.00 will be assessed starting the day after classes begin, with $5.00 per day added for each additional day of delay. The maximum charge will be $50.00.

NOTE: Some courses require course-specific fees, such as science labs, etc. Please refer to the Schedule of Classes for information on these fees.

Other Fees
Freshman Entrance Test (ACT) ................................................................. 20.00 to 30.00
Entering freshmen who have not taken the American College Testing (ACT) examination during their senior year in high school will be required to take this test at the college, and will be charged the regular test fee.
CLEP Examination (Per Test) (Price subject to change without notice) .................. 42.00
CLEP Administration Fee ................................................................. 8.00
Advanced Standing Examination (Dept./School) ........................................ variable
The fee for advanced standing examination will be charged whether the examination is passed or not.
Credit by Examination (Per total transcript entry at any given time) ................. 7.00
Audit Fee (per semester hour) ................................................................. 30.00
Admission Fee ................................................................. 25.00
Paid at time of first application for admission. Not refundable.
Graduate students also pay a fee at time of application for graduate standing.
Admissions fee will apply as the graduation fee if a student completes a degree at SNU.

Official transcripts are released only if all accounts are paid, and the student has requested the transcript IN WRITING.

Student Health Insurance Per Year (or Proof of Coverage), Estimated ................. 850.00
Professional Semester Fee ................................................................. 60.00
Paid once during the Student Teaching semester. Includes Confidential Placement File, Student S.E.A. membership and liability insurance teaching supervision expenses.
Nursing Program Clinical Fee ................................................................. 75.00/Semester
Fine Arts Registration Fee ................................................................. 40.00
This fee is charged if the student is enrolled only for private lessons.
FINANCIAL INFORMATION AND ASSISTANCE

Students enrolled for course work are charged no additional fee.

Fine Arts Tuition (Private lessons per semester)
Organ, Piano or Other Instrument, Voice, Speech (30 minute lessons)
One lesson per week.................................................................Tuition plus 35.00
Practice organ, one lesson per week ................................................38.00
Piano ................................................................................................ 26.00
Wind or brass ..................................................................................16.00
Voice.............................................................................................. 61.00
Voice class fee ................................................................................ 12.00
Piano class fee................................................................................ 20.00

The university practice pianos are assigned for regular practice periods each semester by the Music Office. Recommendations for special assignments of pianos may be made by the instructor.

**Room and Board (projected)**

**Room (per semester)**
One in room*, on board plan.............................................................1553.00
One in room, not on board plan.......................................................1733.00
Two in room, on board plan..............................................................1181.00
Two in room, not on board plan.......................................................1361.00

*Single rooms are available only when the enrollment permits. No student will be denied admission because of lack of housing so long as there is a space in the dormitories. Private rooms are not available for freshmen or transfer students in their first semester at college. Rooms are not rented for less than a full semester or the remaining part of the semester.

**Housing Contract**
All single students not living at home with parents or guardian are required to sign a housing contract and live in college housing.

Students are required to pay for damage other than the ordinary use and depreciation of the room, furniture, and fixtures.

**Board (per semester)**

<table>
<thead>
<tr>
<th>Plan Type</th>
<th>Standard</th>
<th>Flex**</th>
<th>SuperFlex***</th>
</tr>
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<tbody>
<tr>
<td>10 Meal Plan (any 10 meals per week)</td>
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<td>1337.00</td>
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** Flex plan provides for $100.00 credit per semester to be used in the "Storm Cellar," in addition to the selected number of meals per week in cafeteria included in the plan.

***Super Flex plan provides for $200.00 credit per semester to be used in the "Storm Cellar," in addition to the 10 meals per week in cafeteria included in the plan.

**Automobile Parking**
All students are required to register automobiles. No fee.

**Aviation Fees**
Aviation students are responsible for arranging their own ground school and flight instruction. Southern Nazarene University takes no responsibility and assumes no liability for any accidents arising from or related to aviation exposures.

**Installment Regulations**
If a student cannot pay all charges in advance, the following plan applies:
1. Tuition and General Fees in cash, or financial aid, at time of registration.

2. The balance of charges will be due on the following dates: First semester - September 15, October 15, November 15, December 15. Second semester - February 15, March 15, April 15, May 15.

3. The University adds a finance charge of 1% per month on the unpaid balance for all student accounts.

4. Students registering under this plan will not be allowed to continue in school after such payments fall due, unless an extension has been made by the Comptroller or the Vice-President for Financial Affairs.

5. Transcripts will not be released, nor will student be permitted to participate in graduation, until all accounts are taken care of in the Office of Financial Affairs.

**Special 10 Month Payment Plan**

SNU offers a special payment plan to families wanting to spread the payment of tuition, fees, room and board over a ten-month period, without any finance charges. The two payment type options for this plan are either credit card or automatic bank withdrawal. The plan is intended to be restrictive so that, only those that can and will, be able to fund the automatic bank withdrawal, or successfully charge the payment to their credit card, will be able to utilize the plan.

Following are the terms and conditions for participation in the SNU Special Payment Plan (SPP):

1. The student must be pre-enrolled for the Fall semester by July 1st of the year involved, or an estimation of 15 hours will be used.

2. Automatic bank withdrawal, or charge to credit card will be in ten (10) monthly installments, beginning August 1st through May 1st of the school year involved.

3. The total Fall charges for which the student is pre-enrolled, plus the estimated Spring charges, will be the total involved in the payment plan. January Miniterm, if anticipated, may be included in the plan. May Miniterm and Summer terms are not included in the payment plan.

4. Financial aid that has been officially awarded through the Financial Assistance Office of SNU will be deducted from the total charges before arriving at the monthly payment. The aid must have been officially approved, and awarded. Aid that is expected to be applied for, or that the student is applying for at the time the first payment is due, will not be considered a part of the arrangement. Aid that is received by the student, that was not originally a part of the payment plan, will be used to adjust the monthly payment plan only when the funds are received.

5. Failure of automatic bank withdrawal or credit card charge to be completed successfully will result in a $10.00 late fee added to the account. A second rejection will result in removal from this plan.

6. The last payment is due on May 1st of the school year. That payment will be increased or decreased, as appropriate, to compensate for changes in charges due to variances in enrollment from the original estimate.

7. A Special Payment Plan Registration Agreement must be completed by the parent and/or student as appropriate and returned to the Office of Financial Affairs by July 1st of the upcoming academic year.

**Refund for First-Time Student (A first-time student is defined as a student that has not previously attended Southern Nazarene University.)**

To be eligible for any refund, a student must complete the appropriate withdrawal procedure. If students withdraw from school during their first semester, tuition, fees, and room will be refunded as follows: Withdrawal by the end of: Fall and Spring Semester -- first week -- 90%; second and third week -- 80%; fourth week -- 70%; fifth and sixth week -- 60%; seventh and eighth week -- 50%; ninth week --
FINANCIAL INFORMATION AND ASSISTANCE

40%; tenth fifteenth week -- No refund. (This pro-rated refund will be reduced by an administrative fee not to exceed the lesser of 5% of tuition, fees, and room and board, or $100.00.) For Summer Session--first week--70%; second week--50%; third week--No refund. Miniterms--first day--100%; second day--80%; third and fourth day--70%; fifth day--60%; sixth and seventh day--50%; eighth day--40%; after day 8--no refund.

Refund for Returning Student

To be eligible for any refund, a student must complete the appropriate withdrawal procedure. If a student withdraws from school during the semester, tuition, fees, and room, will be refunded by the federal policy, as follows: Withdrawals for Fall and Spring Semester—day 1 -100%; day 2-11 - 90%; day 12-28 - 50%; day 29-56 - 25%. After day 56 – no refund. Withdrawals for Summer Session—day 1 - 100%; day 2 - 90%; day 3-7 - 50%; day 8-14 - 25%. For Miniterms—day 1 - 100%; day 2-3 - 50%; day 4 - 25%. After day 4 – no refund. Any refund for unused board will be made on the basis of the number of weeks the student attended. No refunds for board will be made for a portion of a week.

These refund policies conform to the requirements of the Higher Education Act Amendments of 1992. If a recipient of financial assistance withdraws and is scheduled a refund, all or part of this refund will be used to reimburse the financial aid program from which the student received funds. Applied music lessons: No refund after Sept. 15 and Feb. 1 without approval of the chairperson of the School of Music.

Textbooks

Textbooks are required for most of the courses offered by the University. Textbooks are available at the University Store located in the Webster Commons Building.

Scholarships

Funds have been provided by the University, several corporations and a large number of individuals wishing to assist students who qualify to meet academic objectives.

Complete information, including biographical information relating to memorial scholarships, specific requirements and application procedures is available from the Financial Assistance Office.

Academic Scholarships

Students in traditional academic programs may receive a maximum of eight semesters of academic scholarships. The 7th and 8th semesters can be prorated down to the number of hours needed if the senior does not need the minimum of 12 hours to finish his/her degree. Academic scholarships described in this section are not available for Graduate and Adult Studies programs. Eligibility for continuation of Academic scholarships is determined by the Office of the Registrar. The final decision on scholarship questions is made by the Scholarship Committee. SNU scholarships, off-campus scholarships, and federal/state funds (not including loans) cannot exceed the total cost of Room, Board, Tuition, Fees, and books. Costs for off-campus programs that exceed the semester rate for SNU's tuition are not covered by these scholarships. Charges for private aviation expenses, above tuition, are not covered by these scholarships. Students placed on disciplinary probation while holding an Academic Scholarship will forfeit any portion of the scholarship not already credited to their account.

Cumulative grade-point-averages will be reviewed at the end of each semester (after the student has completed 24 hours) for students receiving any academic scholarships. A student whose GPA falls below the required minimum for the
scholarship he/she is receiving will receive the scholarship for which they are then qualified. If a student’s GPA drops below the required minimum for maintaining the SNU Scholar, Bresee Scholar, Honors Scholarship, President’s Scholarship or Dean’s Scholarship (as established in the 2001-02 year), the student will then only be eligible for either the SNU Achievement Scholarship Level 1 or 2.

All students receiving academic scholarships should be making progress toward degree completion at the following rate:
- Sophomores -- not less than 24 semester hours
- Juniors -- not less than 57 semester hours
- Seniors -- not less than 90 semester hours.

Students not originally receiving academic scholarship as an incoming freshman may request the appropriate scholarship (either the SNU Achievement Scholarship Level 1 or 2) be added between semesters when they reach the required grade-point-average, upon the completion of 24 credit hours. This must be done within the semester concerned. Official transcripts are required to verify GPA.

Contact the Admissions Office or Financial Assistance Office for Academic Scholarship details.

Rehabilitation Assistance

The State Board for Vocational Education, through the Vocational Rehabilitation Division, offers payment of tuition and other services to civilian students who have certain physical handicaps, provided the vocational objective selected by the student has been approved by a representative of the division. Applications for Vocational Rehabilitation should be made to the Vocational Rehabilitation Office, 2409 N. Kelley, Oklahoma City, Oklahoma 73111.

Rehabilitation departments of most, if not all, states will give aid to handicapped students and students with certain physical disabilities. Students from states other than Oklahoma should contact the rehabilitation department in their own states.

Departmental Scholarships

Available to upperclassmen and graduate students (freshmen where noted). For more information regarding any of the following scholarships contact the department identified with the scholarship or the Financial Assistance Office.

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<tr>
<th>Department</th>
<th>Scholarship Name</th>
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<tbody>
<tr>
<td>Alumni</td>
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<td>Golden Heritage</td>
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<td>Art</td>
<td>Art Department</td>
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<tr>
<td>Athletics</td>
<td>Baker, David Memorial - Coaching</td>
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<tr>
<td></td>
<td>Beaver, Prebble &amp; Herman Memorial</td>
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<tr>
<td></td>
<td>Coggins, Mary F. - Women’s Tennis</td>
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<td></td>
<td>Cypert, Claud &amp; Betty</td>
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<td></td>
<td>Friendly Chapel (AR) Crimson Storm</td>
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<td></td>
<td>Harmon, Wes – Soccer</td>
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<td>Rhodes, Wanda - Women’s Tennis</td>
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<td>Tullis, Dr. Lyle</td>
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<td>Aviation</td>
<td>Methfessel, Dean Memorial</td>
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<tr>
<td>Biology</td>
<td>Harwell Family</td>
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<td></td>
<td>Wood, Clifford R. Memorial</td>
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<tr>
<td>Business</td>
<td>Biggs, George &amp; Marjorie</td>
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Craddock, Harry Memorial
Danskin, Donald
Dennard Management
Dozier, Harold
Garner Family Memorial
Hancock, J.A. & Estelle
Harris, Noel Memorial
Harwell, Don
Jones, Gerald/Brenda Albright
Lindquist Family
Livingston, Steve & Michelle
Macrory, Harry B. - Pre-Law-Business
Mercer, Ron
Moss, William Memorial - International Studies
Muse, Judith Payne Memorial
Overholt Family Memorial
Parker, Beverly McAllister
Posey, Robert N. Memorial
Rice, Wayne – Hospital Administration
Rustin, Barton & Phyllis
Rustin, H.C. & Arlene
Rustin, H.C. Concrete Business
Sawyer, Carl B. & Marcia
Sawyer, Hayward & Karen
Shellenberger, Elmer - Marketing
Sherrill, Charles Memorial
Thurman, Randy L.
Webster, Dale - Management
Willard, Roger & Kathy - Accounting
Troutman, Steven R.
Brooks, Christina Jean Memorial
Eskridge, Mary E.
Green, Olga Memorial
Holom, Daniel & Vicki
McDaniel, Georgiana Bayles Memorial
McLain, Ruth Memorial
Neely, David & Myrtle Memorial
Neuenschwander Book Scholarship
Newman, Stella Memorial
Owens, Glendola & Marion Memorial
Phelps, Ron & Shirley – Elementary Education
Sheldon, Dorothy
Spruce Family Memorial
Troutman, Paula – Secondary Education
Troutman, Wilma – Elementary Education
Walraven, Maurice Memorial – Special Education
Bracken, Nelle Wetmore Memorial
Coburn, Dorothy Memorial
Dickerson, Ethel Memorial
Dobson, Willis Memorial
Ellis, Dorothy Memorial
Gresham, Daniel K. Memorial
Laughbaum, Anna Belle
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<th>General</th>
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<td>Burgess, Angela Ulbricht Memorial</td>
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<td>Harper, Leonard C. Memorial</td>
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<td>Harrison, Charles</td>
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Hayhurst, Johnny Memorial
Heath, Opal Memorial
Henderson, J.T. Memorial
Hermann, Darrell & Leanne
Hill, Adolph Memorial
Hispanic Student Scholarship
Honor’s Scholarship
Houston (TX) District
Houston (TX) First Scholarship
Houston (TX) Southwest Scholarship
Howard, Hazel Memorial
Jasper (AR) Wesley Chapel Scholarship
Jerrett Memorial
Jonesboro (AR) Forrest Home Scholarship
Jonesboro (AR) Wood Springs Nazarene Sch.
Kilgore, Bishop Marvin & Mary Jo Memorial
Klea, Darrell & Janice - Missionary Dependents
Klea, Darrell & Janice N.W. OK - Pastor Dep.
Lake Houston (TX) Nazarene Church Sch.
Lamb, Harry & Auleen - International Students
Lambdin, Avaleen Memorial – Japanese Heritage
Lambdin, James Memorial
Lance, Ed & Harriett - International Students
Lewis/Winslow, E. Terrill Hills (TX) Scholarship
Lewisville (TX) Scholarship
Little Rock (AR) Rose City Scholarship
Louisiana District Scholarship
Lubbock (TX) First Scholarship
Matson/Chisholm Memorial
McClain Memorial
Murray, Sam Memorial
Mustang (OK) First Scholarship
Nazarene International Scholarship
Northeast OK District Scholarship
Northwest OK District Scholarship
OKC (OK) Trinity Scholarship
Orange (TX) First Nazarene Scholarship
Overholt Family Memorial
Paris (TX) 1st Scholarship
Parker, Beverly McAllister
Pasadena (TX) First Nazarene Scholarship
Pastor’s Dependents Scholarship
Pastor Dependant Debbie Curry Mem Sch.
Payne, DeEtte Leupp Commemorative Scholarship
- Native Americans
Pearl River (LA) Scholarship
Peterson, Marvin & Clara Jean
Phi Delta Lamda Scholarship
Pierce/Eppler Angel Scholarship
Port Arthur (TX) First Nazarene Scholarship
President’s Scholarship
Quakenbush, Ernest W (Mexico & Central America)
Reed, Paul A. & M. Lucile
Reinbold, Sheila Memorial
Rhodes, Clyde & Vergie Memorial
Rhodes Family
Ripper, C. Harold & Opal Memorial
Rivera, Dr. Hector Mem. – Hispanic Students  
San Antonio (TX) District Scholarship  
Sand Springs (OK) Nazarene Scholarship  
Sapulpa (OK) Nazarene Church Scholarship  
Sattler, Harold Memorial  
Senior Professionals, Academy of  
Shelton, Lavaun Memorial  
Shook, Jon Memorial  
Snowbarger, Ralph & Wilma  
Snowbarger, Sam & Katie Memorial  
Sonnivek, Milton & Mabel - International Students  
South Arkansas District Scholarship  
Southeast OK District Scholarship  
Southwest OK District Scholarship  
Stinson, Vernie L. & Betty Ann Twining  
Swaziland Naz. Bible College Grad. Sch. Fund  
Texarkana (AR) Cathedral Heights Scholarship  
Tulsa (OK) Central Scholarship  
Tulsa (OK) First Nazarene Scholarship  
Tulsa (OK) Regency Park Scholarship  
Tyler (TX) Lakeview Nazarene Scholarship  
Vestal, Richard Memorial  
Watson, Richard Memorial  
Webster Family  
Webster, N. Arkansas Pastor's Dependents  
Webster, Willard & Elsie - Choctaw (OK) First  
Winters Memorial  
Yukon (OK) Canadian Hills Scholarship  
Zerbe, Henry C. Memorial  

History  
Floyd, Fred Memorial  
KSM  
Rairdon, Dr. Jack Memorial  
MAEL  
Dipboye, Gene Memorial  
MSCP  
Moreland, Charles & Marilyn  
Perdue, Delores Memorial  
Math  
Allen, Dr. Florence Memorial  

History/Business Adm.  
Greer, Earl Memorial  
Missions (See Theology & Ministry)  
Parker, Beverly McAllister  
Farmer's Insurance Group  

Modern Language  
Geraldine Huhnke/Dolores Wood  
Latham, Ruby L. Memorial  
Livingston, Stephen & Michelle - Spanish  
Troutman, Philip H. – Modern Language  
Wellmon, Robert & Retha  
Wood, Erma Memorial - Spanish  

Music  
Applied Music Scholarship  
Bell, Jean Memorial - Keyboard  
Bolerjack, L. Iva Lee Memorial - Keyboard  
Boright, Cindy Memorial  
Byron, Ruth Taylor Memorial  
Clarkson, Edward Memorial  
Crill, Chester Memorial  
Davis, Laverne Memorial - Keyboard  
Dobson, Naomi Memorial - Voice  
Dunn, Lester - Voice  
Dunn, Margaret - Keyboard  
Edwards Memorial
FINANCIAL INFORMATION AND ASSISTANCE

<table>
<thead>
<tr>
<th>Encore Music Directors</th>
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<tbody>
<tr>
<td>Hale, Mr. &amp; Mrs. John H. Memorial - Voice</td>
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<tr>
<td>Hale, Robert – Strings</td>
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<tr>
<td>Harris, John M. Memorial - Hymnology</td>
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<tr>
<td>Hill, Double E.</td>
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<td>Imel, Jack &amp; Joan</td>
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<td>Isaacs, Raleigh Memorial</td>
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<td>Marsh, Leonard H. &amp; Dewanda</td>
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<td>Moore, Mandy Memorial</td>
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<td>Newsom, Novelle &amp; Carl Memorial</td>
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<td>Oliver, Ralph &amp; Elizabeth Memorial</td>
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<td>Reighard, Mark &amp; Audrey–Keyboard</td>
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<td>Rhodes, Nellie M. - Keyboard</td>
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<td>Showalter, David &amp; Karen – Composition</td>
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<td>Sides, Tommy Lee Memorial – Church Music</td>
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<td>Strong, Roger &amp; Ann–Strings</td>
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<td>Trimpa, Alta Memorial</td>
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<td>Webster, Janie - Keyboard</td>
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<td>Webster, Roy Memorial</td>
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<td>White, Rev. &amp; Mrs. Claude</td>
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<td>Nursing Scholarship Fund</td>
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<td>Ware, Betty - Nursing Heritage Scholarship</td>
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<td>Woolman, Elmer Memorial</td>
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<td>Bower, Leonard</td>
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<td>Macrory, Dr. Paul &amp; Kathleen</td>
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<td>Oakes, Francis &amp; Marie - MCAT Exam</td>
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<td>Harris, Jacquelyn</td>
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<td>Aller, Dr. Alvin Memorial - Science</td>
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<td>Barlow, Ronald S. Memorial</td>
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<td>Dombeck, Treba Memorial</td>
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<td>Dyson, Freeman – QERC Scholarship</td>
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<td>Howard, Melvin &amp; Hazel</td>
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<td>Imel, Jack &amp; Joan</td>
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<td>Parker, Beverly McAllister</td>
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<td>Shannon, Boyd Memorial</td>
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<td>Silvey, Lawrence Memorial</td>
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<td>Coburn, Thurman E.</td>
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<td>Imel, Jack - Social Science</td>
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<td>Phebus, Mark J. Memorial - Criminal Justice</td>
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<td>Tullis, Lyle</td>
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<td>Student Council</td>
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Theology & Ministry

Bach, Tom Memorial - Missions
Barnard, Malcolm and Goldie Memorial
Beaver, Rev. & Mrs. H.J. Memorial
Bishop, Mrs. George J. (Mittie D.) Memorial
Black, Dalbert Memorial
Bolerjack, L. Iva Lee Memorial - Ministerial Interns
Broadhurst Scholarship
Brown/McClure Memorial - Ministerial Interns
Bussey, Laurene Memorial - Ministry
Cantrell, Roy Memorial
Church Growth/Leadership
Clegg, Mildred L Memorial - Ministerial Interns
Cowan, Tressie Memorial - Ministerial Interns
Day, Keith Memorial - Youth Ministry
DeLong/Douglas Memorial
Denning, Ralph & Ruth - Ministerial Interns
Eudaley, Rev. & Mrs. (O.W. & Anna) Memorial
Fechner Family - Ministerial Interns
Figg, Dottie Memorial
Frazier, Earl/Flowers Memorial
Garey, Charles Memorial - Ministerial Interns
General Superintendents Scholarship
Gilbert, Rev. & Mrs. Homer Memorial
Gilliland, Ponder W. - Ministry
Gray, Paul - Ministry
Hahn, Roger & Dorothy
Harmon, Modelle - Urban Ministries
Harrison, Billie Hagemeier - Ministerial Interns
Herrick, Ralph W. & Nelda L.
Ingram, Mike & Sheila - Evangelism
Johnson, Jim Memorial - Missions
Kelly, Loyd - Ministerial Interns
Knight, John L. & Beulah Memorial
Kramer, E.J.
Kruse, Carl H. & Mabel Memorial - Missions
Macrory, H.B. Memorial – Graduate Level
Marchant, Donna - Missions
Master of Ministries Scholarship
McClung, W. Raymond Memorial
McGrady, Paul Memorial
Minor, Thane Memorial
Owens, Don – Ministerial Interns
Plemons, Rev. L. Eugene
Rhodes, Olen L. Memorial
Rice, Frank & Nettie - World Missions
Rothwell Family
Runyon, Myrtis Bates Memorial - Ministerial Interns
Rushing, O.C. & Myrtle Memorial
Sloan, Valma Memorial
Smith, Allen & Nora Memorial - Ministerial Interns
Stahly, Elmer H. Memorial
Steele, W. Lee Memorial
Troutman, Robert – Christian Ed
Wallace, Fred O. & Isa Memorial
Weber, Rose Memorial
White, Rev & Mrs. Claud Mem. – Ministerial Interns
Wright, Ralph Memorial - Ministry
FINANCIAL INFORMATION AND ASSISTANCE

Zimmerman, James E. & Esther G. Memorial

Federal Financial Assistance

Every student is encouraged to apply for financial assistance. The federal grants and loan programs provide the foundation of financial assistance for students who demonstrate financial need. All students applying for any type of federal financial assistance at Southern Nazarene University must fill out a Free Application for Federal Student Aid (FAFSA). Application must be made annually. Contact the Financial Assistance Office for the necessary forms. In order to be eligible for financial assistance, a student must be: (1) a national of the United States or in the United States for other than a temporary purpose and intends to become a permanent resident thereof, or certain residents of the Pacific Islands; (2) in need of assistance to pursue a course of study; (3) capable, in the opinion of the institution, to maintain good standing in a course of study, and (4) have been accepted for enrollment on at least a half-time basis at such institution, and (5) making satisfactory progress toward a degree, and (6) sign a statement that these funds will be used for educational purposes and other certifications on refunds and defaults and selective service registration.

Loans

_**FEDERAL PERKINS LOAN PROGRAM:**_ With funds made available by the Federal Government and Southern Nazarene University, undergraduate and graduate students may borrow money to complete their higher education on reasonable repayment terms. Repayment of the loan begins six months after the date the borrower graduates or ceases to be a half-time student, and can be deferred for additional authorized periods, i.e., continuation of study, military service, etc.

Loans are made annually subject to eligibility and funds available. A student may receive an amount not to exceed $12,000 during his/her undergraduate work. Loans are determined on the basis of financial need according to the Student Aid Report received as a result of completing the Free Application for Federal Student Aid (FAFSA).

In the event of death or permanent disability, the loan is canceled upon receipt of the proper documents.

_**FEDERAL STAFFORD LOAN PROGRAM:**_ This loan is a need-based loan guaranteed and subsidized by the federal government. The loan enables students determined to have need by use of the FAFSA to borrow directly from a bank, credit union, or other participating lender who is willing to make the educational loan. The maximum loan is $2625/year for freshmen, $3500/year for sophomores and $5500/year for other undergraduates. The loan is guaranteed by a State or private non-profit agency. The repayment of the loan begins six months after the date the borrower graduates or ceases to be a half-time student. Contact your bank or the Financial Assistance Office for an application. An unsubsidized Stafford loan is available to borrowers who do not qualify for the subsidized Stafford. The same loan limits are available; however, interest does accrue while the student is in school.

_**PARENT LOANS FOR UNDERGRADUATE STUDENTS PROGRAM (PLUS):**_ The Parent Loan Program (PLUS) was established to enable parents to borrow money to assist in the educational expenses of their dependent sons and daughters. The maximum loan for parents of dependent undergraduates and independent undergraduates is the cost of education minus other financial aid. The repayment period begins on the day the loan is disbursed, and the first installment is due within 60 days of that date. Contact your bank or the Financial Assistance Office for an application.
FINANCIAL INFORMATION AND ASSISTANCE

Grants

Grants are considered gift aid. Gift aid is the most valued source of financial aid because the funds do not have to be repaid. Grants are awarded on the basis of need as determined by the FAFSA.

Federal Pell Grant Program

This grant is a federally funded program for students who are working toward their first undergraduate degree. The amount of the Pell Grant ranges from $400 to $4050 per year, and is awarded to students who demonstrate financial need and meet the eligibility requirements.

Federal Supplemental Educational Opportunity Grant (SEOG):

This grant is a federally funded program established to help need-based, undergraduate students meet their educational expenses. The awards are made annually and vary from $300 to $800 per year.

Oklahoma Tuition and Grant Program (OTAG):

This program was created by the 1971 Oklahoma Legislature Senate Bill 191 authorizing the establishment of a state tuition aid grant program on a matching basis with the federal funds to make possible implementation of a grant awarded to an Oklahoma student. Students who are legal residents of the state of Oklahoma and enrolled at least half-time in an institution of higher education as an undergraduate or graduate student are eligible to apply for the grant. The award determination is based on the information released to the state as a result of filing a FAFSA.

Employment

Federal College Work Study:

The Federal Work-Study Program is a federal program that provides students with an opportunity to work in order to help meet their educational expenses. On-campus and off-campus employment includes clerical, library, maintenance, tutoring and recreational services. A student may work an average of fifteen (15) hours per week. Contact the Financial Assistance Office to check eligibility. In order to qualify a student must:

1. have financial need as determined by the FAFSA
2. maintain satisfactory academic progress
3. be accepted for enrollment as a student in good standing with the institution.

Student Employment:

Part-time employment is available to students at the University, in Bethany, and in nearby Oklahoma City. Every effort will be made to aid students in obtaining employment. The student's character, willingness, and industry will largely determine ability to secure and hold employment.

In no case are students advised to work their entire way through college unless they are willing to carry a lighter load and take a longer time to graduate. All students should be prepared to finance themselves for several weeks until employment can be secured. Application for on-campus employment must be completed and filed with the Career Center for consideration of employment.

Satisfactory Academic Progress

In order to receive financial assistance from the Federal Title IV programs, the student must exhibit satisfactory academic progress as listed in the academic regulations. The maximum number of semesters for which a full-time (12 hours per semester) undergraduate may receive financial assistance is ten. Full-time graduate students will be allowed a maximum of six semesters. Students receiving assistance while enrolled less than full-time will be allowed proportionately more semesters.
At the end of the semester, the academic record of each financial assistance recipient will be reviewed and recorded. The review will include the number of hours completed and grade-point-average. If a student has not met the requirements, the student will be notified and placed on financial aid probation for one semester. If the student does not correct the deficiency while on probation, he/she will be suspended from financial assistance. Students who are denied financial assistance will have the right to appeal by writing to the Director of Financial Assistance. The appeal will be reviewed by the Financial Assistance Committee and the student will be advised.

To regain financial assistance eligibility, the student must, using his/her own resources, complete 12 semester hours with a 2.00 GPA in one semester.
ACADEMIC PROGRAMS

DIVIDER PAGE
ACADEMIC PROGRAMS

General Information

This section includes the various academic programs offered and their requirements.

Requirements for departmental majors and minors are outlined in each department. Multidisciplinary Programs will be outlined by the student's advisor, as guided by the criteria adopted for those majors by the SNU faculty. The specific course plan for a Multidisciplinary Program must be filed in the Office of the Registrar no later than the student's sophomore year. Detailed information may be secured from the Office of Academic Affairs.

AMERICAN STUDIES PROGRAM (ENGL/HP)

This cross-disciplinary B.S. program in English and History is designed to prepare students for any of a variety of vocations that require both breadth and depth of understanding in American culture and historical context. This may include further study in law, academic and/or public history, government, business, or ministry.

Program Objectives

1. To make students conscious of their cultural, economic, social, and political heritage so that they may critically evaluate present trends, with reference to Christian standards.
2. To improve student skills in raising important questions, in research, in organizing ideas, in writing, and in other forms of communication.
3. To enable students to meet certification requirements to teach History and/or literature in secondary schools.
4. To provide an undergraduate foundation for graduate study in History, literature, the arts and related areas.
5. To furnish a broad liberal arts base for graduate work in such areas as law, government service, journalism, library science, business, and the ministry.

Major In American Studies

Forty-four (44) hours of courses above the freshman level as specified below, including six (6) hours of elective credit from appropriate courses in philosophy, art, literature and History dealing with American themes. These may include travel courses. Specific course descriptions are located in the departmental listings for English and History, Politics, & Geography.

American Studies majors and minors are encouraged to attend the American Studies Program in Washington D.C. offered through the Council for Christian Colleges and Universities. See catalog section on Associated Academic Programs for more information about this option.

Prerequisites

HP 1483 U.S. History I
HP 1493 U.S. History II

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>HP 2112</td>
<td>Historical Methods</td>
<td>2</td>
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<tr>
<td>ENGL 2933</td>
<td>Foundations for English Studies</td>
<td>3</td>
</tr>
<tr>
<td>HP 3313</td>
<td>Colonial and Revolutionary America: 1607-1800</td>
<td>3</td>
</tr>
</tbody>
</table>
ACADEMIC PROGRAMS (AMER STUD/ART/BIOL)

HP 3323 Early National Period: 1783-1850 ................................................. 3
HP 3343 Gilded Age and Progressive Era: 1877-1920 .................................. 3
HP 3353 The Twentieth Century World: 1890-Present ................................ 3
HP 4303 American Intellectual History ...................................................... 3
ENGL/HP 4943 Seminar in American Studies ............................................... 3
ENGL 3043 Survey of American Literature I ............................................... 3
ENGL 3053 Survey of American Literature II ............................................. 3

Total Hours 29

Nine (9) hours in English selected from the courses below 9
ENGL 3192-3 Literary Field Studies: American Tour
ENGL 3202-3 Special Studies in Literature: American Literature topic
ENGL 4083 The American Novel
ENGL 4223 Major Authors: American Authors
ENGL/HP 4943 Seminar in American Studies

Electives from Philosophy, Art, History, Literature 6

TOTAL PROGRAM HOURS 44

Minor in American Studies

Eighteen (18) hours above the freshman level. These courses must be chosen in consultation with the chairperson of either the History or English departments.

DEPARTMENT OF ART

(ART)

NOTE: While some courses in Art remain approved for inclusion in the overall curriculum, SNU does not currently have an organized Department of Art to staff those courses. Therefore, offerings are very limited and, at present, a complete Art program cannot be completed in residence at SNU. We work with other area colleges that do offer appropriate course work to develop cross-enrollment arrangements insofar as possible.

BIBLICAL LANGUAGES

(See School of Theology & Ministry)

DEPARTMENT OF BIOLOGY

(BIOL)

Department Faculty

Professor S. Young, Chair; Professor W. Hanson; Associate Professor N. Halliday

Departmental Objectives

General Objectives:

1. To share in accomplishing the mission of Southern Nazarene University.
2. To train students to employ the methods of science in developing thorough habits of thinking.
3. To provide students with a better understanding of themselves and their place in the world, thereby helping them to make effective adjustments to the demands of life.
4. To help students develop an appreciation for beauty and complexity in the biological domain of the cosmos - brought into being by the Creator and upheld by His hand.
5. To help students develop a satisfying integration of mainstream biological science with Wesleyan theology and plenary inspiration of the Scriptures as articulated by the Church of the Nazarene.

**Professional Objectives:**

1. To provide pre-professional training for students planning to enter fields of medicine, dentistry, physical therapy, occupational therapy, medical technology, and other health-related vocations.
2. To provide professional and pre-professional training for students preparing for careers in the environmental sciences.
3. To equip the prospective teacher of Biology with a foundational understanding of the field.
4. To provide thorough preparation for students planning to enter graduate study in fields related to Biology.

**Departmental Majors**

There are three majors within the Biology Department: Biology, Environmental Studies, and Biology–Chemistry. All three majors lead to Bachelor of Science degrees. The Biology CORE is required for those pursuing either the Biology program track or the Environmental Science program track.

**Biology Core Requirements**

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>ZOO 1115 General Zoology</td>
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<tr>
<td>BOT 1114 General Botany</td>
<td>4</td>
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<tr>
<td>BIOL 3124 Genetics</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3193 Origins</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3263 Cell and Molecular Biology</td>
<td>3</td>
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</tbody>
</table>

**Major in Biology**

A major in biology requires a minimum of 32 hours in Biology. Students must complete the Biology Core requirements. They must also have at least one outdoor field course. Only 3 hours of research (BIOL 2321-2 and BIOL 4182-3) may be used towards reaching the 32-hour total. Additional supporting course work is taken in Chemistry (CHEM 1124 and above), Physics, and Math (MATH 1513 or higher). Calculus is strongly recommended.

**Requirements**

<table>
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<tr>
<th>Requirements</th>
<th>Hours</th>
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<tr>
<td>Biology Core</td>
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<td>Any field course</td>
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<td>Additional Biology electives</td>
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<tr>
<td>Chemistry electives</td>
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<tr>
<td>Physics electives</td>
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<td>Math elective</td>
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<tr>
<td><strong>Total Hours</strong></td>
<td><strong>44-56</strong></td>
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</table>

**Major in Environmental Studies**

The Environmental Studies major is designed to expose and educate the student to global scientific problems and solutions as they relate to the human environment and the call to Christian stewardship of God’s resources. It will enable the student to enter fields, directly or through graduate education, such as wildlife management, tropical biology, environmental chemistry, environmental physics, environmental management, environmental analysis, conservation biology and many other environmental related disciplines. The program requirements are as follows:
ACADEMIC PROGRAMS (BIOL)

Requirements

<table>
<thead>
<tr>
<th>Biological Core</th>
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<tbody>
<tr>
<td>Biology Core</td>
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<tr>
<td>CHEM 1124</td>
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<td>CHEM 1224</td>
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<tr>
<td>CHEM 3114</td>
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<tr>
<td>Physics electives</td>
<td>4-6</td>
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<tr>
<td>Math elective (numbered above 2000)</td>
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</table>

Total Hours: 63-67

*The field biology courses must include a minimum of two AuSable courses and two tropical field courses at the SNU QERC. AuSable courses are taught both at the Great Lakes campus in Manchelona, Michigan and at the Pacific Rim campus, Whidbey Island, Puget Sound, Washington. Tropical field courses are taught throughout the country of Costa Rica, but centered at the Southern Nazarene University Quetzal Educational Research Center (SNU QERC). THE STUDENT WILL SPEND AT LEAST ONE SESSION AT AN AUSABLE SITE AND SIX (6) WEEKS (MAY AND JUNE) IN COSTA RICA AT THE SNU QERC. The student is encouraged to begin planning well in advance for the financial arrangements of the program. The AuSable Institute has awarded SNU an annual $1,000 fellowship and $350 scholarship to support students at an AuSable site. (Refer to the Associated Academic Programs section earlier in this Catalog for more information.) The SNU Catalyst alumni organization typically aids in supporting the research of students while at the SNU QERC. The global nature of these off-campus experiences is designed to enhance the portfolio of the student in such a way as to make the student more competitive upon application to graduate schools and/or upon entering the work force after graduation from SNU. Naturalist Interpretation certificates (approved by the Michigan State Department of Education) may be earned at AuSable qualifying the student as a Water Resource Analyst, an Environmental Analyst, a Land Resources Analyst or a Naturalist.

Biology-Chemistry Major

The Biology-Chemistry major is designed for preparation of pre-medical students as well as for those with career goals such as Biochemistry, Molecular Biology, Cell Biology, Microbiology, Molecular Genetics, Pharmacology, Toxicology, and Medicinal Chemistry. It combines 22-25 hours from Biology with 25 hours from Chemistry, for a total program of 47-50 credit hours.

Requirements:

**Biology Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tr>
<td>ZOO 1115 General Zoology</td>
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<td>BIOL 3124 Genetics</td>
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<td>BIOL 3263 Cell &amp; Molecular Biology</td>
<td>3</td>
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<tr>
<td>BIOL 3193 Origins</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 4391 Lab</td>
<td>1</td>
</tr>
</tbody>
</table>

**Chemistry Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1124/1224 Gen. Chem. I &amp; II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 3114/3125 Org. Chem. I &amp; II</td>
<td>9</td>
</tr>
<tr>
<td>CHEM 3133 Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 4191 Chem Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

Two courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT 1114 General Botany</td>
</tr>
<tr>
<td>BIOL 2124 Microbiology</td>
</tr>
<tr>
<td>BIOL 3204 Advanced Physiology</td>
</tr>
<tr>
<td>BIOL 3115 Comparative Anatomy</td>
</tr>
<tr>
<td>BIOL 4143 Molecular Genetics</td>
</tr>
</tbody>
</table>

Any Field Biology course

Total in Biology: 22-25

Total in Chemistry: 25

Other courses strongly recommended:

General Physics I & II (PHYS 1114 & 1214 OR 2114 & 2214)

Calculus I (MATH 2324)

Additional courses in Biology & Chemistry
Departmental Minor

All students desiring a minor in Biology will complete General Zoology (ZOO 1115), General Botany (BOT 1114) and additional hours in Biology to total 18. One outdoor field course is required.

SCHOOL OF BUSINESS
(ACC, AV, BADM, ECO, FIN, MGT, MKT)

School Faculty
Professors L. Mills, R. Spindle, R. Gaddis; Associate Professor S. Morris; Assistant Professors R. Garrett, I. Harris, C. Powell, J. Seyfert; Emeritus Faculty G. Biggs; Adjunct Faculty R. Overholt

School Mission
The School of Business mission is to provide a quality program in preparation for professional careers in business and society, based on a discernment of ethical Christian principles.

School Objectives
1. Graduates will obtain knowledge necessary for entry into specific business and professional careers.
2. Graduates will be prepared for graduate study and professional certification in selected fields of business or law.
3. Graduates will have developed the leadership skills of communication, problem solving, and interpersonal relations.
4. Graduates will have developed a philosophy of professional life within a framework of Christian principles.

Degrees
Associate of Arts (A.A.) Degree in Business
Students enrolling in an Associate of Arts degree program must fulfill the regular requirements for admission to the University. To complete these degree programs, the degree candidate must complete 62 hours of college work and maintain a cumulative GPA of 2.0. The student must complete thirty (30) hours in residence; a minimum of fifteen (15) residence hours must be at the sophomore level or above. No more than nine (9) upper-division credits count toward the residence requirement. If the student later wishes to complete a four-year baccalaureate degree, the courses completed as part of the A.A. program may apply toward the bachelor's degree.

Proficiency Requirements
The requirements for any associate's degree includes completion with a minimum 2.0 GPA in the CORE courses.

General Education 

<table>
<thead>
<tr>
<th>Choice</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHOICE</td>
<td>18</td>
</tr>
<tr>
<td>Mathematics</td>
<td>0-3</td>
</tr>
<tr>
<td>Composition I</td>
<td>0-3</td>
</tr>
<tr>
<td>Composition II</td>
<td>0-3</td>
</tr>
<tr>
<td>Introduction to Speech Communication</td>
<td>0-3</td>
</tr>
<tr>
<td>Natural Science</td>
<td>0-3</td>
</tr>
<tr>
<td>Citizenship</td>
<td>0-3</td>
</tr>
</tbody>
</table>

CORE (Required of all A.A. degree students) | 6
| GS/B LIT 1113 | Intro. to Biblical Literature | 3 |
| HP 2003 | Intro. to World Civilization | 3 |
ACADEMIC PROGRAMS (BUS)

CORE Electives (to be chosen from those listed below) 6
PHIL 2013 Introduction to Philosophy
FA 2132 Introduction to Fine Arts
BLT 3013 Introduction to Biblical Interpretation
THEO 2233 Introduction to Christian Thought
NS 3043 Science, Technology & Society
PSY/SOC 3013 Contemporary Social Issues

Area of Specialization 27
ACC 2113 Principles of Accounting I ...........................................................3
BADM 1113 Introduction to Business .............................................................3
BADM 3173 Quantitative Methods .................................................................3
BADM 3103 Business Communication OR
BADM 3113 Business Law I ........................................................................3
CIS 1113 Computing Today OR Elective in Computer Science......................3
ECO 2113 Macroeconomics ........................................................................3
Any Management course...................................................................................3
Any Marketing course .......................................................................................3
Any Business course ..........................................................................................3

Business Electives
Select courses from any area in Business to complete program.

TOTAL HOURS FOR A.A. DEGREE 62

Associate of Arts (A.A.) Degree in Aviation

General Education 30
CHOICE and CORE same as for A.A. in Business (above)

Area of Specialization 21
AV 1113 Primary Ground Instruction ...........................................................3
AV 1123 Primary Flying...............................................................................3
AV 3113 Instrument Ground Instruction ......................................................3
AV 3123 Instrument Flying..........................................................................3
AV 3133 Commercial Ground Instruction..................................................3
AV 3143 Commercial Flying I3
AV 3153 Commercial Flying II .....................................................................3

Business Electives
Select courses from any area in Business to complete program.

NOTE: All course work must be done at Southern Nazarene University for Aviation hours to be placed on the transcript.

Total Hours for A.A. DEGREE 62

Multidisciplinary Major with A.B. Degree in Business
The student will complete not less than 60 hours in courses related to his/her declared life's objective and selected from more than one department or school of the University. A minimum of 30 hours is required in the School of Business. Six (6) hours of language study are required to complete this program.

Required courses include: Principles of Accounting I and II (ACC 2113, 2123); Microeconomics (ECO 2113), Macroeconomics (ECO 2123); Principles of Management (MGT 3113); Principles of Marketing (MKT 3113); Business Law I (BADM 3113), and nine hours of upper division electives. A minimum of 21 hours is expected in a second area of the University, with degree approval from that area.

Multidisciplinary Major with B.S. Degree in Business
Thirty hours in Business including Principles of Accounting I and II (ACC 2113, 2123); Microeconomics (ECO 2113), Macroeconomics (ECO 2123); Principles of Management (MGT 3113); Principles of Marketing (MKT 3113); Business Law I (BADM 3113); Business Finance (FIN 3103); and six hours of electives in Business. The student is expected to also complete a thirty-hour major within another area of the University, with degree approval from that area.
School Major for B.S. Degree

Six (6) concentration patterns are offered in fulfilling the requirements for a B.S. degree from the School of Business. These concentrations include the basic core and specialized subjects. A transfer student must take at least 50% of their coursework in Business from Southern Nazarene University to receive the B.S. degree from SNU.

Proficiency Requirements

The requirements for any bachelor's degree includes completion with a minimum 2.0 GPA in the major courses.

School Minor for Any Degree

Eighteen hours selected from one or a combination of the following areas -- Accounting, Aviation, Business Administration, Finance, Management, Marketing, and Computer Information Systems. Nine hours must be upper division credit.

Double Major

Double majors must be taken from two distinctly different disciplines; therefore, double majors are not permissible with the School of Business degree plans.

Basic Core Required of All Business Students:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BADM 1113</td>
<td>3</td>
</tr>
<tr>
<td>ACC 2113, 2123</td>
<td>6</td>
</tr>
<tr>
<td>An elective in Accounting (3113, 3143, 3153, 3163)</td>
<td>3</td>
</tr>
<tr>
<td>BADM 3173</td>
<td>3</td>
</tr>
<tr>
<td>BADM 3103</td>
<td>3</td>
</tr>
<tr>
<td>BADM 3113, 3123</td>
<td>6</td>
</tr>
<tr>
<td>CS 1113</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2113, 2123</td>
<td>6</td>
</tr>
<tr>
<td>FIN 3103</td>
<td>3</td>
</tr>
<tr>
<td>MGT 3113</td>
<td>3</td>
</tr>
<tr>
<td>MKT 3113</td>
<td>3</td>
</tr>
<tr>
<td>STAT 3143</td>
<td>3</td>
</tr>
<tr>
<td>Total Hours</td>
<td>45</td>
</tr>
</tbody>
</table>

ACCOUNTING - CPA TRACK

Courses Hours
The Basic Core (less Accounting elective and Intro to Bus) 39

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 3113, 3123</td>
<td>6</td>
</tr>
<tr>
<td>ACC 3133</td>
<td>3</td>
</tr>
<tr>
<td>ACC 3143</td>
<td>3</td>
</tr>
<tr>
<td>ACC 3153</td>
<td>3</td>
</tr>
<tr>
<td>ACC 4123</td>
<td>3</td>
</tr>
<tr>
<td>ACC 4133</td>
<td>3</td>
</tr>
<tr>
<td>ACC 4143</td>
<td>3</td>
</tr>
<tr>
<td>BADM 2113</td>
<td>3</td>
</tr>
<tr>
<td>ACC/MGT 4113</td>
<td>3</td>
</tr>
<tr>
<td>ACC 4163</td>
<td>3</td>
</tr>
<tr>
<td>ACC 4153</td>
<td>3</td>
</tr>
<tr>
<td>ACC 3163</td>
<td>3</td>
</tr>
<tr>
<td>ACC 4183</td>
<td>3</td>
</tr>
<tr>
<td>Electives:</td>
<td></td>
</tr>
<tr>
<td>Choose upper division courses from following: Business Administration, Finance, Management, Marketing, Computer Science, Communications, Ethics, Logic, Algebra, Calculus, Foreign Language, or other approved areas.</td>
<td></td>
</tr>
<tr>
<td>Total Minimum Hours (including General Education)</td>
<td>150</td>
</tr>
</tbody>
</table>
# ACADEMIC PROGRAMS (BUS)

## ACCOUNTING

### Courses

### The Basic Core (less Accounting elective and Intro to Bus) 39

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 3113</td>
<td>Intermediate Accounting I, II</td>
<td>6</td>
</tr>
<tr>
<td>ACC 3133</td>
<td>Cost Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACC 3143</td>
<td>Cost Analysis</td>
<td>3</td>
</tr>
<tr>
<td>ACC 3153</td>
<td>Income Tax for Individuals</td>
<td>3</td>
</tr>
<tr>
<td>ACC 4123</td>
<td>Advanced Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACC 4133</td>
<td>Auditing</td>
<td>3</td>
</tr>
<tr>
<td>ACC 4143</td>
<td>Consolidated Statements</td>
<td>3</td>
</tr>
<tr>
<td>BADM 2113</td>
<td>Computer Applications for Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>ACC/MGT 4113</td>
<td>Management Information Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

### Suggested Electives:

- ACC 4113 Not-For-Profit Accounting ...........................................................3
- ACC 4153 Income Tax for Business & Fiduciary Entities ..................................3
- ACC 3163 Managerial Accounting .....................................................................3
- ACC 4183 Accounting Internship .....................................................................3

**Total Minimum Hours (including General Education) 124**

Note: Graduates of these Accounting programs are prepared for entry-level positions in public, private or not-for-profit accounting. Educational requirements to sit for the Certified Public Accountant (CPA) examination currently vary among states. Effective in the year 2003, all students sitting for the CPA exam in the State of Oklahoma will be required to have 150 hours of college credit, including 36 hours of upper level accounting courses.

## AVIATION-BUSINESS

### Courses

### The Basic Core (less Business Law II & Accounting elective) 39

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AV 1113</td>
<td>Primary Ground Instruction</td>
<td>3</td>
</tr>
<tr>
<td>AV 1123</td>
<td>Primary Flying</td>
<td>3</td>
</tr>
<tr>
<td>AV 3113</td>
<td>Instrument Ground Instruction</td>
<td>3</td>
</tr>
<tr>
<td>AV 3123</td>
<td>Instrument Flying</td>
<td>3</td>
</tr>
<tr>
<td>AV 3133</td>
<td>Commercial Ground Instruction</td>
<td>3</td>
</tr>
<tr>
<td>AV 3143</td>
<td>Commercial Flying I</td>
<td>3</td>
</tr>
<tr>
<td>AV 3153</td>
<td>Commercial Flying II</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Required Courses in Aviation 21**

**Total Hours 60**

### Optional Aviation Courses

- AV 4121 Multi-Engine Flying .................................................................1
- AV 4132 Certified Flight Instructor .....................................................2
- AV 4141 Certified Flight Instrument Instructor ....................................1
- AV 4151 Multi-Engine Instructor ............................................................1
- AV 4181-3 Internship/Individual Study .............................................1-3

**Note:** Aviation credits in the baccalaureate program can be brought to the transcript on a pro rata basis. AV 1113 and AV 1123 will be transcripted on proof of private pilot license for the first 24 hours of college credit. AV 2113 and AV 3123 will be transcripted on proof of instrument rating when 48 credit hours are earned. AV 3133, AV 3143 and AV 3153 will be transcripted on proof of commercial rating when 62 credit hours are earned. All academic class work must be taken at Southern Nazarene University. Southern Nazarene University reserves the right for check rides and passing before any aviation hours are transcripted. All check rides are at the student’s expense.
### BUSINESS ADMINISTRATION

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Basic Core</strong></td>
<td>45</td>
</tr>
<tr>
<td>Electives -- Business Related Courses</td>
<td></td>
</tr>
<tr>
<td>Choose five (5) upper division courses from the following seven (7) areas: Accounting, Aviation, Business Administration, Computer Science, Finance, Management, Marketing</td>
<td>15</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td>60</td>
</tr>
</tbody>
</table>

### BUSINESS ADMINISTRATION/PRE-LAW

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Basic Core</strong></td>
<td>45</td>
</tr>
<tr>
<td>ACC 3153</td>
<td>Income Tax for Individuals</td>
</tr>
<tr>
<td>ACC 4153</td>
<td>Income Tax for Business &amp; Fiduciary Entities</td>
</tr>
<tr>
<td>MGT 4123</td>
<td>Business Policy</td>
</tr>
<tr>
<td>HP 3173</td>
<td>Judicial Process</td>
</tr>
<tr>
<td>HP 4153</td>
<td>Constitutional Law</td>
</tr>
<tr>
<td>HP 3992</td>
<td>Introduction to Law</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td>62</td>
</tr>
</tbody>
</table>

### FINANCE

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Basic Core (Less Business Law II)</strong></td>
<td>42</td>
</tr>
<tr>
<td>Required courses in Finance</td>
<td></td>
</tr>
<tr>
<td>BADM 2113</td>
<td>Computer Applications for Decision Making</td>
</tr>
<tr>
<td>FIN 3133</td>
<td>Investments</td>
</tr>
<tr>
<td>FIN 3143</td>
<td>Real Estate</td>
</tr>
<tr>
<td>FIN 4113</td>
<td>Principles of Insurance</td>
</tr>
<tr>
<td>FIN 4123</td>
<td>Money &amp; Banking</td>
</tr>
<tr>
<td>FIN 4153</td>
<td>International Finance</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td>60</td>
</tr>
</tbody>
</table>

Suggested Electives
- ACC 3113/ACC 3123 Intermediate Accounting I & II | 6
- FIN 4183 Internship | 3

### MANAGEMENT

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Basic Core (Less Business Law II)</strong></td>
<td>42</td>
</tr>
<tr>
<td>MGT 3123</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>MGT 3133</td>
<td>Small Business Management</td>
</tr>
<tr>
<td>MGT 4113</td>
<td>Management Information Systems</td>
</tr>
<tr>
<td>MGT 4123</td>
<td>Business Policy</td>
</tr>
<tr>
<td>MGT 4163</td>
<td>Behavioral Management OR SOC 3203 Industrial/Organizational Psychology</td>
</tr>
<tr>
<td>MGT 4173</td>
<td>International Management</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td>60</td>
</tr>
</tbody>
</table>

Suggested Electives
- Accounting electives | 9
- OR Computer Science electives | 9
- OR Marketing electives | 9
- OR Finance electives | 9
- MGT 4181-3 Internship | 1-3

### MARKETING

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Basic Core (Less Business Law II)</strong></td>
<td>42</td>
</tr>
<tr>
<td>Required Courses in Marketing</td>
<td></td>
</tr>
<tr>
<td>MKT 3123</td>
<td>Salesmanship</td>
</tr>
</tbody>
</table>
ACADEMIC PROGRAMS (BUS/CHEM)

MKT 3133 Retailing ................................................................. 3
MKT 3153 Promotional Strategies ........................................... 3
MKT 3163 Consumer Behavior .............................................. 3
MKT 4193 Marketing Research ............................................... 3
MKT 4133 Purchasing ............................................................ 3

Total Hours: 60

Suggested Electives
MKT 4173 Strategic Marketing .................................................... 3
MKT 4183 Internship ............................................................... 3
MGT 3123 Human Resource Management .................................... 3
SP C 4343 Public Relations ....................................................... 3

DEPARTMENT OF CHEMISTRY

(CHEM)

Department Faculty
Professor P. Reinbold, Chair; Professor D. Cox; Adjunct Faculty R. Dorris

Departmental Objectives
1. To aid the student in understanding and appreciating the part that chemistry has played and is playing in the development of our civilization and in the extension of our understanding of the physical world.
2. To aid the student in the development of acceptable laboratory techniques and an appreciation of the possibilities of scientific research.
3. To provide thorough training for those who expect to enter such specialized fields as teaching, research, engineering, industrial chemistry, medicine, and other related professions; also to provide general knowledge of chemistry for those who wish a broader cultural background.
4. To aid the student in realizing that there is agreement between true science and Christian faith.

Departmental Majors
The Department of Chemistry offers two major program options. The first focuses on preparation in Chemistry while the second combines work in Chemistry with courses in Biology, to prepare students for a variety of scientific pursuits.

Chemistry Major
The Chemistry major consists of at least 32 credit hours in the department. The department offers the B.S. degree only. The following courses are required for the major:

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1124 General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1224 General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3024 Analytical Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3114 Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3125 Organic Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 4114 Physical Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3191 Junior Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 4191 Senior Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td></td>
</tr>
</tbody>
</table>

Credit hours: 32
The following courses are strongly recommended as part of a program of study for students planning to enter graduate programs in Chemistry:

Biochemistry (CHEM 3134), Analytical Chemistry II (CHEM 3253), Physical Chemistry (CHEM 4114), Advanced Inorganic Chemistry (CHEM 4134), Chemical Kinetics (CHEM 4211), Research Projects (CHEM 4181-2), General Physics I & II (PHYS 2114 & 2214), Calculus I & II (MATH 2324 & 2424)

They should also consider the following courses from supporting areas:

- Mathematics: Completion of the Calculus sequence and Differential Equations
- Computer Science: Introduction to Computer Science I & II.
- Biology: Zoology, Cell and Molecular Biology, and Genetics.

**Biology-Chemistry Major**

The Biology-Chemistry major is designed for preparation of pre-medical students as well as for those with career goals such as Biochemistry, Molecular Biology, Cell Biology, Microbiology, Molecular Genetics, Pharmacology, Toxicology, and Medicinal Chemistry. It combines 25 hours from Chemistry with 22-25 hours from biology, for a total program of 47-50 credit hours.

**Requirements:**

<table>
<thead>
<tr>
<th>Biology</th>
<th>Hours</th>
<th>Chemistry</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZOO 1115</td>
<td>General Zoology</td>
<td>5</td>
<td>CHEM 1124/1224</td>
</tr>
<tr>
<td>BIOL 3124</td>
<td>Genetics</td>
<td>4</td>
<td>CHEM 3114/3125</td>
</tr>
<tr>
<td>BIOL 3263</td>
<td>Cell &amp; Molecular Biol</td>
<td>3</td>
<td>CHEM 3133</td>
</tr>
<tr>
<td>BIOL 3193</td>
<td>Origins</td>
<td>3</td>
<td>CHEM 4191</td>
</tr>
<tr>
<td>BIOL 4391</td>
<td>Molecular Biology Lab</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

**Two courses from the following:**

- BOT 1114 | General Botany | CHEM 3024 | Analytical Chemistry I |
- BIOL 2124 | Microbiology | CHEM 4114 | Physical Chemistry |
- BIOL 3204 | Advanced Physiology | | |
- BIOL 3115 | Comparative Anatomy | | |
- BIOL 4143 | Molecular Genetics | | |

Any Field Biology course

**Total in Biology | 22-25 **

**Total in Chemistry | 25 **

**Other courses strongly recommended:**

- General Physics I & II (PHYS 1114 & 1214 OR 2114 & 2214)
- Calculus I (MATH 2324)
- Additional courses in Biology & Chemistry.

**Departmental Minor**

The following courses (15-16 hours) are required to complete a minor in Chemistry:

**Requirements | Hours**

| General Chemistry I and II (CHEM 1124, 1224) | 8 |
| Organic Chemistry I (CHEM 3114) | 4 |
| Any one of the following: | 3-4 |
  - Analytical Chemistry I (CHEM 3024) |
  - Physical Chemistry (CHEM 4114) |
  - Advanced Inorganic Chemistry (CHEM 4133) |
  - Analytical Chemistry II (CHEM 3253) |

**Teacher Education**

Prospective teachers of Chemistry in the public school should complete additional science courses for the Science Certificate. Education should be elected as a minor.
DEPARTMENT OF COMPUTING AND INFORMATION SYSTEMS
(CS, SNM, CIS)

Department Faculty
Associate Professor J. Tabers, Chair; Adjunct Faculty D. Stokes
Departmental Coordinator and Instructor G. Rodgers

Departmental Majors/Minors

**Computer Science**

**Major**
This major is heavily oriented toward scientific programming and research in computers. The student should have a strong background in mathematics and science to enter this program. The major consists of the required courses listed in this section.

**Minor (18 Hours)**
This minor consists of the following courses:
- CS 2443 Introduction to Computer Science I
- CS 2543 Introduction to Computer Science II
- SNM 3513 Network Technologies
- CS 4243 Database Systems
and two of the following courses:
- CS 3123 Advanced C Programming
- CS 3193 Seminar: Programming Languages
- CS 3213 Introduction to Computer Systems
- OR SNM class

**Computer Information Systems**

**Major**
This major is intended for those who want to enter the area of business information systems programming and systems analysis. The major consists of the required courses listed on the following page.

**Minor (18 Hours)**
This minor consists of the following courses:
- CS 2443 Introduction to Computer Science I
- CS 2543 Introduction to Computer Science II
- SNM 3513 Network Technologies
- CS 4113 Management Information Systems
and two of the following courses:
- CS 3123 Advanced C Programming
- CS 3193 Seminar: Programming Languages
- CS 3213 Introduction to Computer Systems
- CS 4243 Database Systems
- OR SNM class

**System Network Management**

**Major**
This major is intended for those with two primary interests in studying computers. The first focuses on growing interest in local area and wide area networks. This degree teaches the student broad-based skills to enter this area of computer work. This degree also provides an alternative for students not wanting to be a computer programmer, yet desiring an opportunity to develop skills in a highly specialized area of computers/applications.
The major consists of the required courses listed below. Supporting courses include three (3) hours from Math-Statistics and 12 hours from Business.

**MOST CLASSES HAVE A NON-REFUNDABLE FEE.**

### CS Curriculum

<table>
<thead>
<tr>
<th>CS Courses</th>
<th>Hours</th>
<th>Supporting Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 2443 Intro to Comp. Sci. I</td>
<td>3</td>
<td>MATH 2324 Calculus I</td>
<td>4</td>
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<tr>
<td>CS 2543 Intro to Comp. Sci. II</td>
<td>3</td>
<td>MATH 2424 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>CS 3123 Adv. C Prog.</td>
<td>3</td>
<td>MATH 2513 Discrete Math.</td>
<td>3</td>
</tr>
<tr>
<td>CS 3213 Intro to Comp. Sys.</td>
<td>3</td>
<td>MATH 3133 Linear Alg.</td>
<td>3</td>
</tr>
<tr>
<td>CS 3193 Prog. Language (Option 1)</td>
<td>3</td>
<td>MATH 2524 Calculus III</td>
<td>4</td>
</tr>
<tr>
<td>CS 3513 Prog. Language (Option 2)</td>
<td>3</td>
<td>MATH 3143 Prob &amp; Stat I</td>
<td>3</td>
</tr>
<tr>
<td>SNM 3513 Network Technologies</td>
<td>3</td>
<td>PHYS 2114 Gen Phys I</td>
<td>4</td>
</tr>
<tr>
<td>CS 4243 Database Systems</td>
<td>3</td>
<td>PHYS 2214 Gen Phys II</td>
<td>4</td>
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<tr>
<td>CS Elective</td>
<td>3</td>
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</tr>
<tr>
<td>TOTAL HOURS</td>
<td>30</td>
<td></td>
<td>35</td>
</tr>
</tbody>
</table>

### CIS Curriculum

<table>
<thead>
<tr>
<th>CS Courses</th>
<th>Hours</th>
<th>Supporting Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 2443 Intro to Computer Science I</td>
<td>3</td>
<td>ACC 2113 Acctg. I</td>
<td>3</td>
</tr>
<tr>
<td>CS 2543 Intro to Computer Science II</td>
<td>3</td>
<td>ACC 2123 Acctg. II</td>
<td>3</td>
</tr>
<tr>
<td>CS 3193 Prog Lang: RPG 400</td>
<td>3</td>
<td>ACC Elective</td>
<td>3</td>
</tr>
<tr>
<td>CS 3213 Intro to Computer Systems</td>
<td>3</td>
<td>MGT 3113 Management</td>
<td>3</td>
</tr>
<tr>
<td>CS 3193 Prog Lang: COBOL</td>
<td>3</td>
<td>MGT Elective</td>
<td>3</td>
</tr>
<tr>
<td>SNM 3513 Network Technologies</td>
<td>3</td>
<td>BADM 3113 Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>SNM 4113 Management Information Sys.</td>
<td>3</td>
<td>BADM 3103 Business Comm</td>
<td>3</td>
</tr>
<tr>
<td>CS 4243 Database Systems</td>
<td>3</td>
<td>ECO 2113 Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>CS Elective</td>
<td>3</td>
<td>ECO 2123 Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>CS Elective</td>
<td>3</td>
<td>MKT 3113 Marketing</td>
<td>3</td>
</tr>
<tr>
<td>TOTAL HOURS</td>
<td>33</td>
<td>MATH 1513 College Algebra</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STAT 3143 Statistics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
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### SNM Curriculum

<table>
<thead>
<tr>
<th>CS/ SNM Courses</th>
<th>Hours</th>
<th>Supporting Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 2443 Intro to Comp. Science I</td>
<td>3</td>
<td>STAT 3143 Statistics OR</td>
<td></td>
</tr>
<tr>
<td>CS 2543 Intro to Comp. Science II</td>
<td>3</td>
<td>BADM 3173 Quantitative Methods</td>
<td>3</td>
</tr>
<tr>
<td>SNM 3513 Network Technologies</td>
<td>3</td>
<td>ACC 2113 Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>SNM 3413 Windows Networking I</td>
<td>3</td>
<td>ACC 2123 Accounting. II</td>
<td>3</td>
</tr>
<tr>
<td>SNM 3673 Network Admin. I</td>
<td>3</td>
<td>ACC Elective</td>
<td>3</td>
</tr>
<tr>
<td>SNM 3683 Network Admin. II</td>
<td>3</td>
<td>MGT 3113 Prin. of Mgmt.</td>
<td>3</td>
</tr>
<tr>
<td>SNM 3753 Design &amp; Implementation</td>
<td>3</td>
<td>BADM 3113 Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>SNM 3813 Windows Networking II</td>
<td>3</td>
<td>BADM 3103 Business Comm</td>
<td>3</td>
</tr>
<tr>
<td>SNM 4103 Service &amp; Support</td>
<td>3</td>
<td>BECO 2113 Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>SNM 4113 Windows Networking III</td>
<td>3</td>
<td>ECO 2123 Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>SNM 4124 Windows Networking IV</td>
<td>4</td>
<td>MKT 3113 Prin. of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>SNM 4213 Windows Networking V</td>
<td>3</td>
<td>MGT Elective</td>
<td>3</td>
</tr>
<tr>
<td>SNM 4433 Integrating Networks</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS 4223 Database Systems</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL HOURS</td>
<td>43</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

15 hours from the above
School Faculty
Associate Professor R. Tullis, Chair; Professors J. Beaver, B. DeVries, K. Keoppel; Associate Professor T. Taylor, Director of Teacher Education; Associate Professors, M. Eskridge, B.L. Thompson

School Objectives
The general purpose of professional Teacher Education at Southern Nazarene University is to orient the students to the teaching profession and to assist them in becoming competent teachers in a democratic society. Toward the realization of this objective, a sequential program of instruction and experience has been organized to assist students in the attainment of the following goals:

1. To promote positive interpersonal relationships that builds the learning-teaching process.
2. To promote understanding of basic social, philosophical, psychological, legal and economic foundations of education.
3. To become acquainted with mental, emotional, physical, psychological, legal and economic foundations of education.
4. To assist in forming a base for understanding the nature of equal education opportunity.
5. To promote awareness and understanding of the diverse nature of learners including the multi-cultural dimension and the mainstreaming dimension of education and its demands for teachers and implications for society.
6. To assist in the development of a positive self-concept.
7. To promote mastery of learning processes.
8. To develop basic skills in diagnosing learners’ (including the mainstreamed student) needs and making decisions relative to meeting these needs with appropriate information, methods, and media.
9. To develop knowledge, understanding, and appreciation of the cultural social and scientific achievements of individuals in their environment.
10. To develop a personal philosophy of life and of education within a framework of Christian principles.
11. To encourage development of an attitude that will lead to continued professional growth.

Degrees
B.S. Degree in Education
All programs in early childhood, elementary, and secondary degrees follow the certificate program guidelines outlined in the Teacher Education section given earlier in this Catalog. However, slight variations may be allowed, if recommended by the Director of Teacher Education and approved by the chair of the School of Education. In all cases, substantial course work must be completed in both specialization and professional education.

B.S. Degree in Education - Liberal Studies
For an individual who
1. is interested in a broad liberal arts education
2. may have started a teacher education program but discovers that he/she is not compatible with the expectations of the teaching profession
3. has needs in parenting and family relationships
4. has interest in church or business responsibilities and desires to combine these areas with education, or
5. may not have a clear vocational goal
6. is not seeking a standard teaching certificate

To meet these needs the School of Education offers the B.S. in Education-Liberal Studies.

The following requirements are to be met in completing this degree:

1. Complete 24 hours selected from the following courses:
   - Intro to Education
   - Psychology of Children/Youth
   - Guidance and Counseling
   - Foundations of Education
   - Child Development
   - Learning and Evaluation
   - Survey of Ex. Child
   - Health/Safety/Nutrition/PE
   - Middle School Curriculum & Design
   - Characteristics of Early Adolescents
   - *Child & Social Systems
   - Social Studies in Elementary School
   - Motor Skill Dev/Crea Arts
   - Primary Literature/Lang Arts
   - Elementary Literature/Lang Arts
   - Child Guidance: Theory & Practice
   - *Educational Technology
   - Human Development
   - Music/Art
   - Primary Math/Science
   - Intermediate Math/Science
   - Cognitive Development
   - Dev. Reading/Practicum

   * Required Courses

2. Complete a total of 36 hours (no more than six hours may be counted in the General Education requirement) in three of the following areas. At least 15 hours must be completed in one area with no less than 6 hours in each of the three chosen areas.
   - Language Arts/Humanities (Speech Communication, English)
   - Fine Arts (Art and Music)
   - Social and Behavioral Sciences (Sociology, Psychology)
   - Science and Mathematics
   - Philosophy, Religion, Christian Education
   - Physical Education (Athletic Coaching, Health, Kinesiology)
   - Business

3. Complete electives to make a minimum of 124 hours.

4. Complete 40 hours of upper division credits.

The student must submit a supplementary statement of non-teacher certification and the intention of pursuing a career outside of public school teaching.
DEPARTMENT OF ENGLISH
(ENGL, CW, MCJL)

Department Faculty
Professor P. Poteet, Chair; Professor G. Hackler; Associate Professors P. Bracken, C. Waterman, J. Wilcox; Adjunct Faculty Karen Bryant, S. Case; A. Hamilton, C. Querry

Departmental Objectives

1. Courses in the communication arts of reading, listening, speaking, and writing are designed to
   a. provide students with essential language tools for use in all areas of college learning and
   b. equip students practically to live more satisfying and useful lives in the community.

2. Study of the English language, linguistics, and advanced grammar is designed to
   a. give students a fuller knowledge of the development and structure of the English language and
   b. cultivate in students an intelligent attitude toward understanding the intricacies of usage.

3. British, American, and world literature courses are principally intended to
   a. enrich students by acquainting them with as wide a selection of literature as the limits of the particular course will permit,
   b. encourage students to form life-long habits of reading that will continue after college,
   c. teach students to read critically and to evaluate what they read in accordance with reasonable standards of taste and intelligence,
   d. enable students to use literature as a means of understanding their relationship to the global community, and
   e. supplement the courses in the communication arts by stimulating creative writing and by providing students further opportunities for research.

Several degree concentrations are available for majors in English according to the student’s vocational plans. All programs lead to an A.B. degree and require at least six (6) hours of a foreign language.

Core Requirements for All English Programs

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2213 Academic Writing: Research and Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2833 Introduction to Poetry &amp; Poetics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2933 Foundations for English Studies</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3043 Survey of American Literature I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3053 Survey of American Literature II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3163 Survey of British Literature I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3173 Survey of British Literature II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3223 Survey of World Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4103 Advanced English Grammar</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4203 Writing for Digital Media OR ENGL 4293 Contemp. Literary Theory</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4273 Linguistics OR ENGL 4283 History of the English Language</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4931 Communication Arts Colloquium</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>34</strong></td>
</tr>
</tbody>
</table>
Departmental Majors

Major in English

Two options are available when pursuing an English major. The first (major/minor option) is a 58-hour program, recommended for those interested in law school. The second set of options requires the student to develop a focused concentration in one of three possible areas (as listed below). These options result in a 52-hour program, designed for those interested in graduate study, teaching, writing, or cross-cultural ministry careers. All options include the 34-hour English Core.

Major/Minor 58 Hours

- English Core (as listed above) ............................................................34 hours
- English electives above the freshman level ...........................................6 hours
- An approved minor from another discipline .......................................18 hours

Concentration 52 Hours

- English Core (as listed above) ............................................................34 Hours
- Completion of courses from one concentration listed below:
  A. Language/TESL (recommended for public school teachers, those preparing for graduate school in linguistics, or those interested in cross-cultural ministry)
     Required Courses 18 Hours
     - ENGL 2123 Teaching ESL I ...........................................................3
     - ENGL 3123 Teaching ESL II ..........................................................3
     - ENGL 4273 Linguistics ..................................................................3
     - ENGL 4283 History of the English Language ...................................3
     - Multicultural Electives (Choose two).................................................6
       Any English course with a multi-cultural emphasis
       MISS 2113 Introduction to Missions
       SP C 4233 Intercultural Communication
       MISS 4183 Cultural Anthropology
       MGT 4173 International Management
  B. Literature (recommended for those preparing for graduate school)
     Required Courses 18 Hours
     - ENGL 3223 Mythology ...................................................................3
     - ENGL 4293 Contemporary Literary Theory ....................................3
     - One major author course ................................................................3
     - ENGL 4001-2 Senior Thesis ...........................................................1-2
     - Electives in Literature ....................................................................7-8
  C. Writing
     Required Courses 18 Hours
     - MCJL 2313 Newswriting OR MCJL 3343 Writing for Broadcast ....3
     - ENGL 2813 Introduction to Creative Writing ..................................3
     - ENGL 3133 Writing for Christian Publications OR ENGL 3313
       Magazine Writing OR ENGL 4833 Roundtable .............................3
     - ENGL 4203 Writing for Digital Media ..............................................3
     - Electives in English or MCJL ...........................................................6

Major in American Studies

The major in American Studies is offered in conjunction with the Department of History, Politics, & Geography. It includes 44 hours of courses above the freshman level as listed in the American Studies section earlier in this Catalog. It includes six hours of elective credit from appropriate courses in philosophy, art, literature, or history dealing with American themes. See the American Studies Program section for a detailed listing of specific course requirements.


**ACADEMIC PROGRAMS (ENGL)**

**Major in Mass Communication/Journalism (MCJL)**

A major in Mass Communication/Journalism may be advised through the English and/or Speech Communication Departments. Refer to the Mass Communication section of this Catalog for the specific course requirements.

**Teacher Certification: Standard and Professional**

Programs are available to prepare students for secondary teacher licenses/certificates in English. Standard certification requirements for English appear in the section on teacher education and in the *Teacher Education Handbook*.

**Departmental Minors**

Five options are available through the Department of English. All include 18 hours of study, as specified below.

**Minor in English**

Eighteen semester hours in courses above the freshman level, including at least three upper-division courses. Courses must be selected in consultation with the Department Chair.

**Minor in Teaching English as A Second Language**

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 2123</td>
<td>Teaching English as a Second Language I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2213</td>
<td>Academic Writing: Research &amp; Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3123</td>
<td>Teaching English as a Second Language II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4103</td>
<td>Advanced English Grammar</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4273</td>
<td>Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>OR ENGL 4183</td>
<td>History of the English Language</td>
<td></td>
</tr>
</tbody>
</table>

**Elective (choose one)**

- Any literature course with multicultural emphasis
- MISS 2133 Introduction to Missions
- SPC 4233 Intercultural Communications
- MGT 4173 International Management
- MISS 4183 Cultural Anthropology

**Total Hours**

18

**Minor in Creative Writing**

Eighteen semester hours of credit in creative writing, including Introduction to Creative Writing (ENGL 2813), are required. Courses must be selected in consultation with the Department Chair.

**Minor in American Studies**

Eighteen hours of courses above the freshman level as specified by the department. Refer to the American Studies section of this Catalog for course options.

**Minor in Mass Communication/Journalism**

Eighteen semester hours in Mass Communication/Journalism selected in consultation with the Department Chair of Speech Communication or English. Refer to the Mass Communication section of this Catalog for course options.

**General Education English Sequence**

As a part of requirements in General Education, all students must demonstrate competency in English. This is done by successful completion of the following course sequence:

- ENGL 1113 Composition I
- ENGL 1213 Composition II OR ENGL 2213 Research & Argumentation
- ENGL 2413 Introduction to Literature

Initial course placement is based on a student’s incoming English ACT score, so some students may require preparatory work prior to placement in the above
sequence. The student is required to pass each course before enrolling in a subsequent course. Advanced standing credit (AP or CLEP) may be used to fulfill these requirements but must be completed before subsequent course work is taken.

**Students Speaking English as A Second Language**

Those who score below 550 on the TOEFL must pass English Language and Culture I and II (ENGL 0024 and 0034), Modern English Usage (ENGL 0103), and then enter the above sequence of courses, enrolling in Composition I (ENGL 1113), with Lab.

**FINE ARTS**

(FA)

*(See Course Descriptions section)*

**FRENCH**

(FR)

*(See Department of Modern Languages)*

**DEPARTMENT OF**

**HISTORY, POLITICS, AND GEOGRAPHY**

(HP)

**Department Faculty**

Associate Professor D. Williams, Chair; Professor B. Lively; Adjunct faculty H. Clemmer, D. Gallant, T. Haws, T. Hughes.

**Departmental Objectives**

1. To give students a broad knowledge of the human past, essential for living wisely in the present and in planning for the future.
2. To make students conscious of their cultural, economic, social, and political heritage so that they may critically evaluate present trends, with reference to Christian standards.
3. To improve student skills in research, in organizing ideas, in writing, and in other forms of communication.
4. To enable students to meet certification requirements to teach History in secondary schools.
5. To provide an undergraduate foundation for graduate study in History and in closely related areas such as historical editing, museum or archives administration, and historical preservation.
6. To furnish a broad liberal arts base for graduate work in such areas as law, government service, journalism, library science, business, and the ministry.
ACADEMIC PROGRAMS (HP)

Departmental Majors

Three degree tracks are available through the department. Completion of one of these degree programs in History, Politics, & Geography enables students with good academic records to enter graduate study in History or cognate areas. In addition, the study of History provides students with scholarly abilities and habits, which are excellent preparation for such diverse careers as the military, church ministry, law, medicine, social service, business, civil service, politics, and secondary or college teaching.

History Track (42 hours)

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 1483 U.S. History I..................</td>
<td>3</td>
</tr>
<tr>
<td>HP 1493 U.S. History II................</td>
<td>3</td>
</tr>
<tr>
<td>HP 2003 World Civilizations............</td>
<td>3</td>
</tr>
<tr>
<td>HP 2113 Introduction to Historical Studies</td>
<td>3</td>
</tr>
<tr>
<td>HP 4393 Field Studies in History.......</td>
<td>3</td>
</tr>
<tr>
<td>HP 4912 Senior Project (repeated for 4 hours total)</td>
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</tr>
<tr>
<td>Electives, as specified by the department</td>
<td>24</td>
</tr>
</tbody>
</table>

As part of their elective hours, qualified students may elect to take advantage of one of the opportunities afforded by SNU’s participation in CCCU study abroad programs through which students may earn up to 16 hours of course credit for a semester study abroad experience.

Politics and Law Track (42 hours)

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 1113 American Federal Government...</td>
<td>3</td>
</tr>
<tr>
<td>HP 1483 U.S. History I..................</td>
<td>3</td>
</tr>
<tr>
<td>HP 1493 U.S. History II................</td>
<td>3</td>
</tr>
<tr>
<td>HP 2123 Introduction to Political Studies</td>
<td>3</td>
</tr>
<tr>
<td>Electives, as specified by the department</td>
<td>27</td>
</tr>
</tbody>
</table>

Students intending to study law should take courses such as Introduction to Law, Constitutional Law, Business Law, etc. Students in this track should plan to work in internships in either political or legal offices. It is also recommended that students take at least one travel/study course and should seriously consider taking advantage of the opportunities afforded by SNU’s participation in CCCU study abroad programs through which students may earn up to 16 hours of course credit for a semester study abroad experience.

Social Studies Education Track

Students seeking professional certification in Social Studies Education should consult the most recent copy of the Teacher Education Handbook for a complete discussion of certification requirements and their overall program of study. The following Social Studies courses are required for completion of the Social Studies Education degree:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 1113 American Federal Government...</td>
<td>3</td>
</tr>
<tr>
<td>HP 1483 U.S. History I..................</td>
<td>3</td>
</tr>
<tr>
<td>HP 1493 U.S. History II................</td>
<td>3</td>
</tr>
<tr>
<td>HP 2003 World Civilizations............</td>
<td>3</td>
</tr>
<tr>
<td>HP 2113 Introduction to Historical Study</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3993 World Regional Geography.....</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1113 General Psychology...............</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1113 Intro to Sociology.............</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2113 Macroeconomics OR ECO 2123 Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Elective Sociology course................</td>
<td>3</td>
</tr>
</tbody>
</table>
Elective History courses ................................................................. 9
(at least 3 hours of which are to be through a departmentally approved study-
abroad or field studies experience)

**Divisional Major**

Twenty-four (24) hours of courses above the freshman level plus fifteen (15) hours from Psychology, Sociology or the History, Politics, and Geography departments. Students pursuing Secondary Education certification should follow the requirements as outlined by the School of Education in other sections of this Catalog.

**American Studies Major**

Forty-two (42) hours of courses above the freshman level as specified by the Department, including six hours of elective credit from appropriate courses in philosophy, art, literature, and history dealing with American themes. See the American Studies section for a detailed listing of specific course requirements.

**Departmental Minor**

Eighteen (18) hours above the freshman level. These courses must be chosen in consultation with the History, Politics, and Geography Department.

**American Studies Minor**

Eighteen (18) hours above the freshman level as specified by the Department. See the American Studies section for a detailed listing of course options.

**Geography Minor**

The 18-hour minor in geography will provide students interested in this ancient and venerable field of study the opportunity to derive an introduction to various facets of the field. Further, geographical study is integral to the field of social studies and may be utilized by majors in social studies education as a more substantial component of their preparation to teach social studies.

**Required Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 1113 Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 3993 World Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>HP 4303 Topics in Amer. History: Environmental History</td>
<td>3</td>
</tr>
<tr>
<td>OR GEOG 3113 Geographical Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>or other cartography related course</td>
<td>3</td>
</tr>
<tr>
<td>OR One of the regional area study courses (e.g. Modern Latin America, Modern East Asia, or Modern Europe)</td>
<td>3</td>
</tr>
<tr>
<td>Field studies in geography</td>
<td>9</td>
</tr>
</tbody>
</table>

For the GIS courses, students will be directed to off campus locations where such courses are offered. While such courses are offered at OU, a student may elect to take the course on-line through ESRI, a leading educator in Geographical Information Systems. Field studies coursework may include participation in CCCU study abroad programs, QERC programs, and select cultural or scientific field courses. Students must approve participation in field studies with their advisor in advance.
HUMAN RELATIONS PROGRAM  
(HR)

The Human Relations concentration is a structured, 60-hour multidisciplinary program in Psychology, Sociology, and Speech Communication that leads to a Bachelor of Science degree. It is designed to serve a variety of professional interests that focus on personal interaction in human relations:

<table>
<thead>
<tr>
<th>Core</th>
<th>47 Hours</th>
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</thead>
<tbody>
<tr>
<td>PSY 1113</td>
<td>General Psychology</td>
</tr>
<tr>
<td>PSY 3113</td>
<td>Social Psychology</td>
</tr>
<tr>
<td>PSY 3133</td>
<td>Human Development</td>
</tr>
<tr>
<td>PSY 4103</td>
<td>Abnormal Psychology</td>
</tr>
<tr>
<td>PSY 2353</td>
<td>Interviewing Techniques</td>
</tr>
<tr>
<td>SOC 1113</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SOC 2113</td>
<td>Social Problems</td>
</tr>
<tr>
<td>SOC 3103</td>
<td>Race and Ethnicity</td>
</tr>
<tr>
<td>SOC 3203</td>
<td>Industrial/Organizational Psychology</td>
</tr>
<tr>
<td>SOC 4123</td>
<td>Sociology of the Family</td>
</tr>
<tr>
<td>SP C 4223</td>
<td>Group Interaction and Leadership</td>
</tr>
<tr>
<td>SP C 4213</td>
<td>Communication in Conflict Management</td>
</tr>
<tr>
<td>SP C 4133</td>
<td>Persuasion</td>
</tr>
<tr>
<td>SP C 3463</td>
<td>Family Communication</td>
</tr>
<tr>
<td>SP C 4233</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>SP C, PSY, OR SOC Colloquium</td>
<td>2</td>
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Electives in Psychology, Sociology, Speech Communication  
13 hours

<table>
<thead>
<tr>
<th>Electives</th>
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<tbody>
<tr>
<td>PSY 2102</td>
<td>Self Concept Development</td>
</tr>
<tr>
<td>PSY 4153</td>
<td>Personality Psychology</td>
</tr>
<tr>
<td>PSY 4213</td>
<td>Principles of Counseling</td>
</tr>
<tr>
<td>PSY 4263</td>
<td>Techniques of Counseling</td>
</tr>
<tr>
<td>SOC 3153</td>
<td>Urban Sociology</td>
</tr>
<tr>
<td>SOC 3173</td>
<td>Juvenile Delinquency</td>
</tr>
<tr>
<td>SOC 3213</td>
<td>Political and Social Philosophy</td>
</tr>
<tr>
<td>SOC 3433</td>
<td>Death and Dying</td>
</tr>
<tr>
<td>SOC 4143</td>
<td>Social Theory</td>
</tr>
<tr>
<td>SOC 4183</td>
<td>Cultural Anthropology</td>
</tr>
<tr>
<td>SP C 2213</td>
<td>Introduction to Organizational Communication</td>
</tr>
</tbody>
</table>

Special Studies (appropriate topics), Internship, Practicum, and Travel Study Courses are strongly recommended as electives.

INTERNATIONAL STUDIES PROGRAM  
(IST)

Multidisciplinary: Business, Political Science, Modern Language. This B.S. program is designed to serve a variety of vocational areas, such as: international business, diplomacy, communications, travel, and international law. The requirements for the International Studies Major are listed below and are in addition to General Education requirements.
International Studies (IST) French or Spanish Emphasis

<table>
<thead>
<tr>
<th></th>
<th>French Emphasis</th>
<th>Spanish Emphasis</th>
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</thead>
<tbody>
<tr>
<td><strong>School of Business</strong></td>
<td><strong>15 Hours</strong></td>
<td><strong>15 Hours</strong></td>
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<tr>
<td>ACC 2113</td>
<td>Prin. of Acc. 1</td>
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<tr>
<td>CS 1113</td>
<td>Computing Today</td>
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<tr>
<td>ECO 2113</td>
<td>Macroeconomics</td>
<td>ECO 2113</td>
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<tr>
<td>MKT (Any course)</td>
<td>..........................</td>
<td>MKT (Any course)</td>
</tr>
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<td>MGT (Any course)</td>
<td>..........................</td>
<td>MGT (Any course)</td>
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<td></td>
<td><strong>Modern Languages</strong></td>
<td><strong>Modern Languages</strong></td>
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<tr>
<td>FR 2133</td>
<td>Interm. French I</td>
<td>SPAN 2133</td>
</tr>
<tr>
<td>FR 2143</td>
<td>Interm. French II</td>
<td>SPAN 2143</td>
</tr>
<tr>
<td>FR 2313*</td>
<td>French Culture</td>
<td>SPAN 3323</td>
</tr>
<tr>
<td>FR 3423*</td>
<td>Fr. Comp. &amp; Conv</td>
<td>SPAN 3423</td>
</tr>
<tr>
<td>FR 3453*</td>
<td>Commer. French</td>
<td>SPAN 3453</td>
</tr>
<tr>
<td></td>
<td><strong>History, Pol., &amp; Geog</strong></td>
<td><strong>History, Pol., &amp; Geog</strong></td>
</tr>
<tr>
<td>HP 2123</td>
<td>Intro. to Pol. Science</td>
<td>HP 2123</td>
</tr>
<tr>
<td>HP 4113</td>
<td>Internatl. Relations</td>
<td>HP 4113</td>
</tr>
<tr>
<td>HP 4133</td>
<td>Comparative Govt.</td>
<td>HP 4133</td>
</tr>
<tr>
<td>HP (Any appropriate upper division)</td>
<td>HP course)</td>
<td>HP (Any appropriate upper division</td>
</tr>
<tr>
<td>HP 3133</td>
<td>French Rev. to WWI</td>
<td>HP 4173</td>
</tr>
<tr>
<td></td>
<td><strong>Electives</strong></td>
<td><strong>Electives</strong></td>
</tr>
<tr>
<td>(to be selected from above depts)</td>
<td>15 Hours</td>
<td>(to be selected from above depts.)</td>
</tr>
<tr>
<td>SP C 4233</td>
<td>Intercult. Communication</td>
<td>SP C 4233</td>
</tr>
<tr>
<td></td>
<td>(recommended)</td>
<td>(recommended)</td>
</tr>
</tbody>
</table>

**TOTAL HOURS 60**

*May need to be taken at another institution.

DEPARTMENT OF

KINESIOLOGY AND SPORT MANAGEMENT

(KSM, PEG)

Department Faculty
Professor C. Moss, Chair; Professor S. Goodman; Assistant Professors Bobby Martin, S. Shellenberger; Instructor M. Wilson; Adjunct Faculty S. Franklin, S. Frye, K. Ingram, J. Johnson, C. Macedo, M. Mathis, P. McGrady, T. Perry, and T. Veatch; Emerita Faculty W. Rhodes; Associate Faculty S. Coupens and C. Johnson.

Departmental Objectives
The Kinesiology and Sport Management Department of Southern Nazarene University operates within the framework of Biblical Christian values to which the University is committed. Reflecting this philosophy, the objectives of the KSM Department are to provide instruction and experiences as follows:
ACADEMIC PROGRAMS (KSM)

1. To prepare students to teach Physical Education, Health, & Safety (K-12) and Athletic Coaching.
2. To prepare students for careers in Exercise Science (Personal Trainer, Strength Coach) and Allied Medical Professions (Pre-Physical Therapy, Pre-Occupational Therapy).
3. To develop a CAAHEP (Commission on Accreditation of Allied Health Education Programs) accredited Athletic Training Program.
4. To develop a knowledge base for careers in Sports/Athletic business and management and Sports Information.
5. To enable SNU students to develop an understanding of basic principles, knowledge, and practices for personal lifetime health/fitness/wellness activities.
6. To enable students to develop skills in leisure lifetime physical activities.

Kinesiology and Sport Management Majors

Degree programs offered for fulfilling a B.S. degree from the KSM Department are Physical Education, Health & Safety-K-12; Physical Education for Sports & Leisure; Athletic Training; Exercise Science; and Kinesiology (Pre-Physical Therapy, Pre-Occupational Therapy). Multidisciplinary programs are offered in Sport Management, Sport Information, Equine Business, and Farm and Ranch Business.

Physical Education, Health, & Safety: K-12

The objective of this program is to enable the student to acquire an essential knowledge base, skills, and philosophical foundation for successful professional decision making required for teachers/coaches in public and private schools. Courses required for this major are congruent with Oklahoma state competencies and the National Association for Sport & Physical Education professional recommendations. Refer to KSM departmental Program Planning Form, UNIVISOR, and/or the Suggested Four-Year Course Schedule for detailed graduation requirements.

Physical Education Core Courses 43 Hours

KSM 1613 First Aid/CPR & Safety & Lab ........................................................3
KSM 1713 Foundations of Kinesiology & Sport Management ......................3
KSM 2512 Team & Lifetime Sports ..............................................................2
KSM 2522 Team & Lifetime Sports II ............................................................2
KSM 2541 Practicum/Clinical Experience: Elementary ................................1
KSM 2551 Practicum/Clinical Experience: Secondary ..................................1
KSM 2613 Personal & Community Health ....................................................3
KSM 2623 Structural Kinesiology .................................................................3
KSM 3523 School Health/Safety Curriculum: K-12 ....................................3
KSM 3533 Methods in Elementary Physical Education .........................3
KSM 3533 Methods in Secondary Physical Education .............................3
KSM 3613 Exercise Physiology ..................................................................3
KSM 4513 Adapted/Inclusive Physical Education .......................................3
KSM 4523 Motor Learning ........................................................................3
KSM 4533 Research Measurement & Evaluation .......................................3
KSM 4713 Organ, Leadership, & Mgmt of Kinesiology & Sport ..............3
KSM 4741 Senior Seminar ........................................................................1

Professional Education 23 Hours

ED 2111 Introduction to Education & Teaching Lab ...................................1
ED 2142 Educational Technology ...............................................................2
ED 2162 Foundations of Education ...........................................................2
ED 2173 Psychology of Children & Youth ................................................3
ED 4142 Survey of the Exceptional Child ..................................................2
ED 4273 Professional Decision Making ....................................................3
ED 4700 Student Teaching Seminar ...........................................................0
ED 4805 Student Teaching: Elementary ...................................................3
ED 4815  Student Teaching: Secondary; 7-12 ................................................5

Program Total .......................... 66 Hours

Additional recommended courses (7 hours) include the following:

**Courses**

- KSM 1511  Teaching & Performance of Weight Training ..........................1
- KSM 1523  Care & Prevention of Athletic Injuries & Lab* .....................3
- KSM 2531  Officiating ...........................................................................1
- KSM 3512  Coaching ...........................................................................2

*The State of Oklahoma currently requires that any coach in the public schools must have a course in Care & Prevention of Athletic Injuries (with lab). State certification requirements also include demonstration of foreign language proficiency at the novice high level in one designated language (equivalent to completion of two college courses). Courses or hours needed to meet this proficiency are not included in the above total.

**Physical Education for Sports & Leisure**

Objective: To enable the student to acquire an essential knowledge base, skills, and philosophical foundation for successful professional decision making required for coaches in educational and recreational organizations. Refer to KSM departmental Program Planning Form, UNIVISOR, and/or Suggested Four-Year Course Schedule for detailed graduation requirements.

**Physical Education Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSM 1613</td>
<td>First Aid/CPR &amp; Safety &amp; Lab</td>
<td>3</td>
</tr>
<tr>
<td>KSM 1713</td>
<td>Foundations of Kinesiology &amp; Sport Management</td>
<td>3</td>
</tr>
<tr>
<td>KSM 2512</td>
<td>Team &amp; Lifetime Sports I</td>
<td>2</td>
</tr>
<tr>
<td>KSM 2522</td>
<td>Team &amp; Lifetime Sports II</td>
<td>2</td>
</tr>
<tr>
<td>KSM 2541</td>
<td>Practicum/Clinical Experience: Elementary</td>
<td>1</td>
</tr>
<tr>
<td>KSM 2551</td>
<td>Practicum/Clinical Experience: Secondary</td>
<td>1</td>
</tr>
<tr>
<td>KSM 2613</td>
<td>Personal &amp; Community Health</td>
<td>3</td>
</tr>
<tr>
<td>KSM 2623</td>
<td>Structural Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3523</td>
<td>School Health/Safety Curriculum: K-12</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3533</td>
<td>Methods in Elementary Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3543</td>
<td>Methods in Secondary Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3613</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4513</td>
<td>Adapted/Inclusive Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4523</td>
<td>Motor Learning</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4533</td>
<td>Research Measurement &amp; Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4713</td>
<td>Organ, Leadership, &amp; Mgmt of Kinesiology &amp; Sport</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4741</td>
<td>Senior Seminar</td>
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</tr>
</tbody>
</table>

**Program Total** .......................... 56 Hours

**Athletic Coaching Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSM 1511</td>
<td>Teaching &amp; Performance of Weight Training</td>
<td>1</td>
</tr>
<tr>
<td>KSM 1523</td>
<td>Care &amp; Prevention of Athletic Injuries &amp; Lab</td>
<td>3</td>
</tr>
<tr>
<td>KSM 2531</td>
<td>Officiating</td>
<td>1</td>
</tr>
<tr>
<td>KSM 3512</td>
<td>Coaching</td>
<td>2</td>
</tr>
<tr>
<td>KSM 4766</td>
<td>Internship I</td>
<td>6</td>
</tr>
</tbody>
</table>

**Athletic Training**

The objective of this intensive preparation program is to train students for a career in Athletic Training. In addition to academic courses, each student will be required to accumulate a minimum of 1500 clinical (clock) hours under the direct supervision of a trainer certified by the National Athletic Trainers’ Association Board of Certification (NATABOC). The NATABOC requires that internship candidates accrue this 1500 hours of clinical experience in a minimum of two academic years. Therefore, all
Academic Programs (KSM)

clinical experiences must begin prior to December 31, 2001. Students who have not entered into their clinical experience by this date will not be eligible to sit for the examination via the internship route. Those students who start their clinical experience after December 31, 2001 will need to complete a master’s degree at an accredited entry-level athletic training program. A list of entry-level master’s degree accredited programs is available upon request. After January 1, 2004, undergraduate students wishing to be eligible to take the NATABOC Certification Examination must graduate from a Commission on Accreditation of Allied Health Education Programs (CAAHEP) accredited athletic training program, which has been approved through the Joint Review Committee on Educational Programs in Athletic Training (JRC-AT). The SNU Athletic Training Program began the CAAHEP accreditation application process in the fall semester of 2001 and was granted Candidacy Status by the JRC-AT in November, 2001. The anticipated date of accreditation is in the Spring 2004. Candidacy status for accreditation does not guarantee that this program will become CAAHEP accredited. Continued information will be included at the SNU web site as the department continues the process towards an accredited athletic training program. Refer to KSM departmental Program Planning Form, UNIVISOR, and/or Suggested Four-Year Course Schedule for detailed graduation requirements.

Becoming an athletic training major at SNU requires successful completion of each of the following:

1. The student must be accepted into the University.
2. The student is required to enroll in the following courses during the (freshman) first semester: First Aid/CPR & Safety, Athletic Training Observation, Lower Extremity Injury Recognition & Evaluation of the Physically Active and Lab, and Human Anatomy.
3. The student is required to enroll in the following courses the (freshman) second semester: Athletic Training Observation, Upper Extremity Injury Recognition & Evaluation of the Physically Active and Lab, and Human Physiology. In April of the (freshman) second semester, students may apply and interview for acceptance into the SNU Athletic Training Program.
4. Contingent upon satisfactory grades, interview outcome, and the evaluation of the technical standards (see Athletic Training Student Handbook, page 8), students will be offered appointment in the Athletic Training Program based on the number of available openings per year. Those students receiving notification of acceptance into the SNU Athletic Training Program will then begin their three-year Student Athletic Training Practicum (clinical education).
5. Each Athletic Training student will be required to enroll in two off-site Internships. Internship I is to be taken in the summer after completion of Practicum I & II. Internship II is to be taken in the summer after completion of Practicum III & IV. The student, with approval of the Athletic Training Program Director, will arrange the internships. The student must obtain a letter grade of C or better to continue in the clinical education sequence (Practicum).
6. During the last semester of enrollment or upon completion of all Practica (I – VI) and Internships (I & II), the student is eligible to apply for taking the NATABOC Certification Examination. Passing scores on all three portions of the exam (practical, written, and written simulation) result in being awarded the title of Certified Athletic Trainer.

Each student is minimally required to maintain a current CPR/First Aid card and a cumulative GPA of 2.5. Application deadline for the student positions in the Athletic Training Program is April 15.
The athletic training curriculum is structured around the required course domains as specified by NATA, which include the following:

- Risk Management and Injury Prevention
- Pathology of Injuries and Illnesses
- Assessment and Evaluation
- Acute Care of Injury and Illness
- Pharmacology
- General Medical Conditions and Disabilities
- Health Care Administration
- Therapeutic Exercise
- Therapeutic Modalities
- Nutritional Aspects of Injury and Illness
- Psychosocial Intervention and Referral
- Professional Development and Responsibilities

### Athletic Training Core Courses 47 Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1113</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 1613</td>
<td>First Aid/CPR &amp; Safety &amp; Lab</td>
<td>3</td>
</tr>
<tr>
<td>KSM 1624</td>
<td>Lower Extremity Injury Rec/Eval of the Physical Active &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>NURS 2102</td>
<td>Pharmacology</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 2224</td>
<td>Human Anatomy &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2234</td>
<td>Human Physiology &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 2613</td>
<td>Personal &amp; Community Health</td>
<td>3</td>
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<tr>
<td>KSM 2664</td>
<td>Upper Extremity Injury Rec/Eval of the Physical Active &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>NURS 3103</td>
<td>Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3613</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3624</td>
<td>Therapeutic Modalities &amp; Lab</td>
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</tr>
<tr>
<td>KSM 4634</td>
<td>Therapeutic Physical Rehabilitation &amp; Lab</td>
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<tr>
<td>KSM 4643</td>
<td>Administration &amp; Management of Athletic Training Programs</td>
<td>3</td>
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<tr>
<td>KSM 4693</td>
<td>Biomechanics &amp; Kinesiology</td>
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### Clinical Education 16 Hours

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<tr>
<td>KSM 1630</td>
<td>Athletic Training Observation</td>
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<tr>
<td>KSM 2632</td>
<td>Athletic Training Practicum I</td>
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<tr>
<td>KSM 2642</td>
<td>Athletic Training Practicum II</td>
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</tr>
<tr>
<td>KSM 3652</td>
<td>Athletic Training Practicum III</td>
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</tr>
<tr>
<td>KSM 3662</td>
<td>Athletic Training Practicum IV</td>
<td>2</td>
</tr>
<tr>
<td>KSM 4652</td>
<td>Athletic Training Internship I</td>
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<tr>
<td>KSM 4662</td>
<td>Athletic Training Internship II</td>
<td>2</td>
</tr>
<tr>
<td>KSM 4672</td>
<td>Athletic Training Practicum V</td>
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<td>KSM 4682</td>
<td>Athletic Training Practicum VI</td>
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### Additional Requirements 16 Hours

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>PHY 1114</td>
<td>General Physics I &amp; Lab (Trigonometry recommended)</td>
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<tr>
<td>KSM 1511</td>
<td>Teaching &amp; Performance of Weight Training</td>
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<tr>
<td>NURS 2404</td>
<td>Health Assessment &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 2653</td>
<td>Introduction to Health Psychology</td>
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<tr>
<td>KSM 2671</td>
<td>Terminology for Health Professions</td>
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</tr>
<tr>
<td>KSM 4533</td>
<td>Research Measurement &amp; Evaluation</td>
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### Program Total 79 Hours

**Exercise Science**

The Exercise Science program is designed to prepare the student for a career related to health, fitness/wellness in schools, hospitals, medical clinics, community and private fitness centers. The core course requirements (stated below) follow the professional preparation standards published by the American College of Sports Medicine (ACSM). Refer to KSM departmental Program Planning Form, UNIVISOR, and/or Suggested Four-Year Course Schedule for detailed graduation requirements.
**Exercise Science Core Courses**  
48-49 Hours

<table>
<thead>
<tr>
<th>Biological Science/ Human Anatomy &amp; Physiology</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2224 Human Anatomy &amp; Lab ....................</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2234 Human Physiology &amp; Lab ...................</td>
<td>4</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Biomechanics/ Kinesiology</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>KSM 4693 Biomechanics &amp; Kinesiology ..................</td>
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<table>
<thead>
<tr>
<th>Chemistry</th>
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<tbody>
<tr>
<td>CHEM 1124 General Chemistry I &amp; Lab ....................</td>
<td>4</td>
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<table>
<thead>
<tr>
<th>Computer Science</th>
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<tr>
<td>CS 1113 Computing Today ....................................</td>
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<table>
<thead>
<tr>
<th>Exercise Physiology/ Laboratory Techniques</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>KSM 3613 Exercise Physiology ..........................</td>
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<table>
<thead>
<tr>
<th>First Aid</th>
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<tbody>
<tr>
<td>KSM 1523 Care &amp; Prevention of Athletic Injuries &amp; Lab ..................</td>
<td>3</td>
</tr>
<tr>
<td>KSM 1613 First Aid/CPR &amp; Safety &amp; Lab ..................</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Health Education</th>
<th></th>
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<tbody>
<tr>
<td>KSM 2613 Personal &amp; Community Health ..................</td>
<td>3</td>
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</table>

<table>
<thead>
<tr>
<th>Mathematics/ Physics</th>
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<tbody>
<tr>
<td>MATH 1513 College Algebra OR ..................................</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 1114 General Physics I (Trigonometry recommended) ..................</td>
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<table>
<thead>
<tr>
<th>Motor Learning and Development</th>
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<tbody>
<tr>
<td>KSM 4523 Motor Learning ..................</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Nutrition</th>
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<tbody>
<tr>
<td>NURS 3103 Nutrition ..........................</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Physical Fitness Evaluation</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>PEG 1011 Aerobic Exercise I ..........................</td>
<td>1</td>
</tr>
<tr>
<td>PEG 1031 Water Aerobics I ..................</td>
<td>1</td>
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<tr>
<td>KSM 1511 Teaching &amp; Performance of Weight Training ..........................</td>
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<thead>
<tr>
<th>Psychology</th>
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<tbody>
<tr>
<td>PSY 1113 General Psychology ..........................</td>
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<table>
<thead>
<tr>
<th>Statistics and Research Design</th>
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<tbody>
<tr>
<td>KSM 4533 Research Measurement &amp; Evaluation ..................</td>
<td>3</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Requirements</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>KSM 1713 Foundations of Kinesiology &amp; Sport Management ..........................</td>
<td>3</td>
</tr>
<tr>
<td>KSM 2512 Team &amp; Lifetime Sports I ..........................</td>
<td>2</td>
</tr>
<tr>
<td>KSM 2522 Team &amp; Lifetime Sports II ..................</td>
<td>2</td>
</tr>
<tr>
<td>KSM 2653 Introduction to Health Psychology ..........................</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3723 Sport Marketing &amp; Promotions ..................</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4713 Organ, Leadership, &amp; Mgmt of Kines &amp; Sport ..................</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4723 Sport Facilities Management ..........................</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4766 Internship I ..........................</td>
<td>6</td>
</tr>
</tbody>
</table>

**Program Total** 73-74 Hours

### Kinesiology

The Kinesiology degree track is designed to help the student fulfill prerequisites required for admission to a professional program offering entry level Master’s degrees in Physical Therapy, Occupational Therapy, or other Allied medical professions. Credit for General Education courses may be attained via CLEP, but cannot be waived or substituted. Each student is responsible for obtaining specific prerequisite information about the particular professional program(s) to which they seek admission. A tailored undergraduate program can then be designed to meet those requirements. Refer to KSM departmental Program Planning Form, UNIVISOR, and/or Suggested Four-Year Course Schedule for detailed graduation requirements.
The following courses are the prerequisites offered at Southern Nazarene University for the University of Oklahoma Health Sciences Center (OUHSC) program in Oklahoma City, OK.

### Kinesiology Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 1114</td>
<td>General Physics I &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>ZOO 1115</td>
<td>General Zoology &amp; Lab</td>
<td>5</td>
</tr>
<tr>
<td>KSM 1511</td>
<td>Teaching &amp; Performance of Weight Training</td>
<td>1</td>
</tr>
<tr>
<td>KSM 1624</td>
<td>Lower Extremity Injury Rec/Eval of the Physical Active &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 1713</td>
<td>Foundations of Kinesiology &amp; Sport Management</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2234</td>
<td>Human Physiology &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 2664</td>
<td>Upper Extremity Injury Rec/Eval of the Physical Active &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 3613</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3624</td>
<td>Therapeutic Modalities &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 4634</td>
<td>Therapeutic Physical Rehabilitation &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 4693</td>
<td>Biomechanics &amp; Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4766</td>
<td>Internship I (270 clock hours required)</td>
<td>6</td>
</tr>
</tbody>
</table>

### Additional Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1113</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1124</td>
<td>General Chemistry I &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1224</td>
<td>General Chemistry II &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 1214</td>
<td>General Physics II &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2224</td>
<td>Human Anatomy &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 2671</td>
<td>Terminology for Health Professions</td>
<td>1</td>
</tr>
<tr>
<td>PSY 3133</td>
<td>Human Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4103</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

### Program Total

- **71 Hours**

**NOTE:** Foreign Language proficiency 6 Hours (two high school years or two college courses; grade of 'B' or higher, must be same language; hours have not been included above)

### Sport Management: Multidisciplinary Major

Objective: To prepare students with a strong business component which will provide opportunities for students to develop skills applicable to management-level positions in organized sport. Examples of such positions are public relations director, corporate administrator of sporting events, tournament director, college/university athletic director or associate/assistant AD, business manager, fund-raising administrator, account executives for professional teams, sales representatives for sporting goods companies, and marketing directors in intercollegiate athletic programs, conference offices, or governing bodies. This major involves two components: 1) sport management core courses; and 2) business core courses. Refer to KSM departmental Program Planning Form, UNIVISOR, and/or Suggested Four-Year Course Schedule for detailed graduation requirements.

### Sport Management Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSM 1713</td>
<td>Foundations of Kinesiology &amp; Sport Management</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3713</td>
<td>Sociology of Sports</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3723</td>
<td>Sport Marketing &amp; Promotions</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3734</td>
<td>Practicum</td>
<td>4</td>
</tr>
<tr>
<td>KSM 4713</td>
<td>Organ, Leadership, &amp; Mgmt of Kines &amp; Sport</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4723</td>
<td>Sport Facilities Management</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4766</td>
<td>Internship I</td>
<td>6</td>
</tr>
<tr>
<td>KSM 4776</td>
<td>Internship II</td>
<td>6</td>
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</tbody>
</table>

### Business Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 2113</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>FIN 3103</td>
<td>Business Finance</td>
<td>3</td>
</tr>
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</table>

### Business Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 2113</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>FIN 3103</td>
<td>Business Finance</td>
<td>3</td>
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</table>
ACADEMIC PROGRAMS (KSM)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>MGT 3113</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT 3113</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BADM 3113</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>STAT 3143</td>
<td>Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>ACC 3163</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Business Electives</td>
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<tr>
<td></td>
<td><strong>Recommended Business Electives</strong></td>
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</tr>
<tr>
<td></td>
<td><strong>Typical MBA prerequisites</strong></td>
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</tr>
<tr>
<td>ECON 2113</td>
<td>Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>ECON 2123</td>
<td>Microeconomics</td>
<td></td>
</tr>
<tr>
<td>BADM 3173</td>
<td>Quantitative Methods</td>
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</tr>
<tr>
<td>ACC 2123</td>
<td>Principles of Accounting II for ACC 3163</td>
<td></td>
</tr>
</tbody>
</table>

**Program Total** 61 Hours

**Sport Information: Multidisciplinary Major**

Objective: to prepare students for careers in sports journalism, sports broadcasting, and/or as a sports information director at colleges/universities, conference offices, or sports governing bodies. This major involves three components: 1) sport management core courses; 2) sport information core courses; and 3) areas of concentration, called Options, in which students pursue professional interests.

This Sport Information Emphasis includes Mass Communication/Journalism, Print Journalism, and Broadcast Journalism. Refer to KSM departmental Program Planning Form, UNIVISOR, and/or Suggested Four-Year Course Schedule for detailed graduation requirements.

**Sport Management Core Courses** 31 Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSM 1713</td>
<td>Foundations of Kinesiology &amp; Sport Management</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3713</td>
<td>Sociology of Sports</td>
<td></td>
</tr>
<tr>
<td>KSM 3723</td>
<td>Sport Marketing &amp; Promotions</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3734</td>
<td>Practicum</td>
<td></td>
</tr>
<tr>
<td>KSM 4713</td>
<td>Organiz., Leadership, &amp; Mgmt of Kines. &amp; Sport</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4723</td>
<td>Sport Facility Management</td>
<td></td>
</tr>
<tr>
<td>KSM 4766</td>
<td>Internship I</td>
<td>6</td>
</tr>
<tr>
<td>KSM 4776</td>
<td>Internship II</td>
<td>6</td>
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</table>

**Sport Information Core Courses** 15 Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>MCJL 2313</td>
<td>Newswriting</td>
<td>3</td>
</tr>
<tr>
<td>MCJL 2323</td>
<td>Survey of Mass Communication</td>
<td></td>
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<tr>
<td>MCJL 2353</td>
<td>Interviewing Techniques</td>
<td></td>
</tr>
<tr>
<td>MCJL 2361-3</td>
<td>Newspaper Practicum AND/OR</td>
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<tr>
<td>MCJL 2371-3</td>
<td>Yearbook</td>
<td>1</td>
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<tr>
<td>MCJL 3383</td>
<td>Desktop Publishing</td>
<td></td>
</tr>
<tr>
<td>MCJL 4372</td>
<td>Communication Arts Colloquium</td>
<td></td>
</tr>
</tbody>
</table>

**Additional Requirements (MCJL focused electives)** 17 Hours

**Program Total** 63 Hours

**Equine Business: Multidisciplinary Major**

This is a specialized degree which requires specific prerequisites. Refer to KSM departmental Program Planning Form, UNIVISOR, and/or Suggested Four-Year Course Schedule for detailed graduation requirements.
Farm and Ranch Business: Multidisciplinary Major

This is a specialized degree which requires specific prerequisites. Refer to KSM departmental Program Planning Form, UNIVISOR, and/or Suggested Four-Year Course Schedule for detailed graduation requirements.

Departmental Minors

A 21-hour minor in athletic coaching is offered through the KSM department. The required courses are as follows:

<table>
<thead>
<tr>
<th>Athletic Coaching Minor</th>
<th>21 Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEG 1001</td>
<td>Lifetime Wellness</td>
</tr>
<tr>
<td>KSM 1511</td>
<td>Teaching &amp; Performance of Weight Training</td>
</tr>
<tr>
<td>KSM 1523</td>
<td>Care &amp; Prevention of Athletic Injuries &amp; Lab*</td>
</tr>
<tr>
<td>KSM 1613</td>
<td>First Aid/CPR &amp; Safety &amp; Lab</td>
</tr>
<tr>
<td>KSM 1713</td>
<td>Foundations of Kinesiology &amp; Sport Management</td>
</tr>
<tr>
<td>KSM 2512</td>
<td>Team &amp; Lifetime Sports I</td>
</tr>
<tr>
<td>KSM 2522</td>
<td>Team &amp; Lifetime Sports II</td>
</tr>
<tr>
<td>KSM 2531</td>
<td>Officiating</td>
</tr>
<tr>
<td>KSM 3512</td>
<td>Coaching</td>
</tr>
<tr>
<td>KSM 4713</td>
<td>Organ, Leadership, &amp; Mgmt of Kines &amp; Sport</td>
</tr>
</tbody>
</table>

*The State of Oklahoma currently requires that any coach in the public schools must have a course in Care & Prevention of Athletic Injuries & Lab.

MASS COMMUNICATION/JOURNALISM PROGRAM

(MCJL)

The Speech Communication and English Departments provide joint supervision for the Mass Communication/Journalism programs listed below. Faculty listings are provided in each respective departmental section.

Departmental Mission and Objectives

1. To develop, within the liberal arts framework, a knowledge and understanding of the theoretical issues of mass communication.
2. To develop within students an understanding of the societal role in communication through the media.
3. To understand mass communication--print and electronic--as a part of the total complex of communication as process.
4. To enable students to apply and interrelate the theoretical and the operational aspects of media communication.
5. To develop an understanding of the complex issues of media communication ethics.
6. To understand the full scope of mass media communication--newspapers, magazines, radio, television, film, books, direct mail, and outdoor--and to understand their relationship to one another and to society.
7. To develop basic skills in news writing, reporting, editing, graphics and consumerism in print and/or electronic media.
8. To explore the various careers available in mass communication.
ACADEMIC PROGRAMS (MCJL)

Majors
Three different 32-hour program tracks are available to fulfill a variety of vocational plans. All lead to an A.B. degree and require at least six (6) hours of a foreign language.

Mass Communication/Journalism Major
- MCJL 2313 Newswriting ................................................................. 3
- MCJL 2323 Survey of Mass Media ................................................. 3
- MCJL 2353 Interviewing Techniques ............................................. 3
- MCJL 2361/2371/2381 Practicum (any 2 hours) ............................ 2
- MCJL 3383 Desktop Publishing .................................................... 3
- MCJL 4371-2 Communication Arts Colloquium ............................ 1-2
- Mass Communication Electives ..................................................... 16-17
Total Hours 32

Print Journalism Major
- MCJL 2302 Graphics of Communication ..................................... 2
- MCJL 2313 Newswriting ................................................................. 3
- MCJL 2323 Survey of Mass Media ................................................. 3
- MCJL 2332 Photography ............................................................... 2
- MCJL 2353 Interviewing Techniques ............................................. 3
- MCJL 2361/2371 Practicum (any 2 hours) ...................................... 2
- MCJL 3303 Editing ................................................................. 3
- MCJL 3133/3313 Writing for Christian Publications OR Magazine Writing ........ 3
- MCJL 3383 Desktop Publishing .................................................... 3
- MCJL 4371-2 Communication Arts Colloquium ............................ 1-2
- Mass Communication Electives ..................................................... 6-7
Total Hours 32

Broadcast Journalism Major
- MCJL 2313 Newswriting ................................................................. 3
- MCJL 2323 Survey of Mass Media ................................................. 3
- MCJL 2353 Interviewing Techniques ............................................. 3
- MCJL 2381 Broadcasting Practicum (2 Hours) .............................. 2
- MCJL 2513 Intro. to Recording Engineering .................................... 3
- MCJL 3303 Video Production ..................................................... 3
- MCJL 3343 Writing for Broadcast .................................................. 3
- MCJL 3383 Desktop Publishing .................................................... 3
- MCJL 4323 Broadcast News .......................................................... 3
- MCJL 4371-2 Communication Arts Colloquium ............................ 1-2
- Mass Communication Electives ..................................................... 4-5
Total Hours 32

Minor in Mass Communication
Eighteen semester hours in Mass Communication/Journalism should be selected in consultation with the department chair of either the Speech Communication or English Department. The minor must include the following:
- MCJL 2313 Newswriting OR MCJL 2323 Survey of Mass Media ....... 3
- MCJL 2361/2371/2381 Practicum (any 2 hours) ............................ 2
DEPARTMENT OF MATHEMATICS

Department Faculty
Professor L. Turner, Chair; Associate Professors G. Lance, K. Wantz

Departmental Objectives
1. To help the student to develop an understanding of the nature and spirit of mathematics: its cultural aspects, its relation to the sciences, philosophy and other liberal arts.
2. To help the prospective mathematician to secure adequate foundation for later work in teaching, applied mathematics, research or in further study on the graduate level.
3. In particular, to help the prospective teacher of mathematics to bridge whatever gap may exist between the content and spirit of his/her mathematical background and that of the courses he/she may teach.

Departmental Degrees

Departmental Major for A.B. Degree
An A.B. major in Mathematics requires the student to:
   a. complete the sequence of Calculus courses;
   b. take eight 3-hour courses in Math numbered above 3000;
   c. complete the three 1-hour Math capstone courses;
   d. complete six hours of foreign language study.
The student's entry point to the Calculus sequence will depend upon the student's preparation. Completion of an A.B. program also requires a minor.

Departmental Major for B.S. Degree
A B.S. major in Mathematics requires the student to:
   a. complete the sequence of Calculus courses;
   b. take eight 3-hour courses in Math numbered above 3000;
   c. complete the three 1-hour Math capstone courses.
The student's entry point to the Calculus sequence will depend upon the student's preparation. It is recommended that a student pursuing this degree track should include at least two courses in Physics and Chemistry in his/her program.

Suggested Courses for Various Emphases

<table>
<thead>
<tr>
<th>Math Education - Secondary Teaching</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2324 Calculus I..................</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2424 Calculus II..................</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2524 Calculus III..................</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3013 Discrete Mathematical Structures</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3133 Linear Algebra..................</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3143 Probability and Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3223 History of Mathematics..................</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4013 Introduction to Modern Algebra.............</td>
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<tr>
<td>MATH 4123 College Geometry I..................</td>
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<td>MATH 4133 College Geometry II..................</td>
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<td>Elective (numbered above MATH 3000)..................</td>
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<tr>
<td>MATH 3191 Junior Colloquium in Mathematics...............</td>
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<tr>
<td>MATH 4171 Mathematics Seminar..................</td>
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<tr>
<td>MATH 4191 Senior Research in Mathematics.............</td>
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ACADEMIC PROGRAMS (MATH/MOD LANG)

Statistics/Actuarial Science

<table>
<thead>
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<tr>
<td>MATH 2324</td>
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<td>MATH 2424</td>
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<tr>
<td>MATH 3013</td>
<td>Discrete Mathematical Structures</td>
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<td>MATH 3133</td>
<td>Linear Algebra</td>
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<tr>
<td>MATH 3143</td>
<td>Probability and Statistics I</td>
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<td>MATH 3153</td>
<td>Probability and Statistics II</td>
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<tr>
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Graduate School - Mathematics or Cognate Area

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<td>MATH 2424</td>
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<td>MATH 2524</td>
<td>Calculus III</td>
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<tr>
<td>MATH 3113</td>
<td>Differential Equations</td>
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<td>MATH 3133</td>
<td>Linear Algebra</td>
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<td>MATH 3143</td>
<td>Probability and Statistics I</td>
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<td>MATH 3213</td>
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<td>MATH 4103</td>
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<td>MATH 4153</td>
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<td>MATH 4171</td>
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</tr>
<tr>
<td>MATH 4191</td>
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</tr>
</tbody>
</table>

Departmental Minor

A minor in Mathematics requires the completion of 17 hours numbered above MATH 2000 and must include MATH 2524 Calculus III.

MODERN LANGUAGES

(FR, SPAN)

Department Faculty

Professor K. Bryant, Chair; Adjunct Faculty F. Johnson, N. Walker

Departmental Objectives

1. To provide the student with a working knowledge of a second language for communicating with other peoples of the world.
2. To help the student recognize the many contributions which have been made by people of varied linguistic backgrounds to the culture of the United States and the world.
3. To enable the student to interpret and enjoy the literature, art and music of other cultures.
Departmental Majors/Minors

A.B. Degree in Spanish

This program track requires at least 36 hours, with at least 30 hours completed beyond the elementary level courses. Specific requirements are as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 3533 Masterpieces of Spanish Literature</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 4473 Intensive Spanish Composition and Conversation</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>24</td>
</tr>
</tbody>
</table>

Of the electives, three hours may be used to take ENGL 4273 (Linguistics) or SP C 4233 (Intercultural Communication). The Latin American Studies Program semester in Costa Rica is strongly recommended for the Spanish major.

A.B. Degree in Spanish Education

This concentration is designed to prepare students to teach Spanish in levels K-12. The Spanish Education track includes 40 hours of Spanish plus the professional education courses listed in the Teacher Education Handbook. It is strongly recommended that some of these hours be acquired in Costa Rica through the Latin American Studies Program. Requirements are as follows:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 2133 Intermediate Spanish I</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 2143 Intermediate Spanish II</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 3323 Hispanic Area Studies</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 3423 Spanish Composition and Conversation</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 3523 Latino Literature</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 3533 Masterpieces of Spanish Literature</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 4462 Instructional Strategies for Spanish</td>
<td>2</td>
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<tr>
<td>SPAN 4473 Intensive Spanish Composition and Conversation</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 4523 Modern Spanish Literature</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 4543 Latin American Literature I OR SPAN 4553 Latin American Literature II</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>11</td>
</tr>
</tbody>
</table>

Electives (from the following courses)..............................11

SPAN 3211 Special Studies in Spanish
SPAN 3232-3 Mexican Field Studies
SPAN 3453 Commercial Spanish
SPAN 4543 Latin American Literature I
SPAN 4553 Latin American Literature II
SPAN 4592 Seminar
ENGL 4273 Linguistics
SP C 4233 Intercultural Communication

B.S. Degree in International Studies (French or Spanish)

See program and requirements under International Studies (IST).

Minor In French or Spanish

A total of 18 hours, including six hours of upper division courses, is required for a minor.
SCHOOL OF MUSIC
(AP MU, C M, M ED, M TH, MENS)

School Faculty
Professor P. Moore, Chair; Professors M. Reighard, D.B. Ballweg; Associate Professor S. Betts; Assistant Professors C. Hampton, M. Lewis, P. Miller. Adjunct Faculty T. Marek, D. Rushing, B. Streets, K. Walker, D. Munday, B. Powell. (NOTE: Selected adjunct faculty in the Oklahoma City area also teach private lessons in piano, voice, band and orchestral instruments.)

School Objectives
1. To provide for the integration and appreciation of the fine arts within the context of a liberal arts education, developing artistic cultural awareness and fostering creative activity.
2. To provide a thorough undergraduate program of studies for students with an interest in the field of music and music education.
3. To train and encourage students in responsible and effective service to the Church through the discipline and expressive nature of music.
4. To provide opportunities for the student body to participate in music making individually, in ensembles and corporately.

Special Requirements*
The SNU School of Music is an accredited institutional member of the National Association of Schools of Music (NASM), and offers standards in accordance with the requirements of this organization.

Theory placement exams covering aural skills and music fundamentals are given to new students. Class assignments are based on the results of these examinations.

Applied music examinations (juries) are given by special committees of the music faculty at the end of each semester. The examinations at the end of the sophomore year will determine whether or not a Music major will be permitted entrance into the performance concentration.

Students in all Music major programs are required to take a piano proficiency examination by the conclusion of their sophomore year. Music education students must pass the piano proficiency exam before student teaching.

Students enrolled for at least 12 hours toward Music degrees will be required to attend a specific number of recital programs.

All Music majors are to present a Junior Level Recital on their applied major instrument. In special instances students pursuing a Bachelor of Arts in Music, a Bachelor of Science in Music with a Ministry or Business emphasis, or a Bachelor of Music Education degree may prepare a Senior Project (M TH 4481) in lieu of a Junior Level Recital. The nature and scope of the student's project is to be worked out with the student's advisor with the approval of the Chair of the School of Music.

Music majors are required to enroll in an ensemble each semester, determined by their declared primary instrument. Wind and percussion players enroll in Symphonic
Band, string players in Chamber Strings/Orchestra. Instrumental majors are also required to take two semesters of Choral Society at some point during their four years.

Vocal majors enroll in Men's Chorus, Women's Chorus, SNU Chorale or University Singers. Vocal and keyboard majors are also required to enroll in Choral Society each Fall.

Students who are pursuing the Bachelor of Music Education degree are required to join the Music Educators National Conference (MENC).

*Additional guidelines are found in the School of Music Handbook.

Degree Offerings

The School of Music offers the following degrees and emphases:

- Bachelor of Arts in Music
- Bachelor of Music Education (Vocal and Instrumental)
- Bachelor of Science in Music: (three possible emphases)
  - Emphasis in Ministry
  - Emphasis in Business
  - Emphasis in Performance (Voice, Keyboard, Instrumental)

Music Core Courses Required Of All Music Majors**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>M TH 1322</td>
<td>Survey of Music</td>
<td>2</td>
</tr>
<tr>
<td>M TH 1332</td>
<td>Fundamentals of Music</td>
<td>2</td>
</tr>
<tr>
<td>M TH 1342</td>
<td>Harmony I</td>
<td>2</td>
</tr>
<tr>
<td>M TH 1352</td>
<td>Aural Theory I</td>
<td>2</td>
</tr>
<tr>
<td>M TH 2322</td>
<td>Harmony II</td>
<td>2</td>
</tr>
<tr>
<td>M TH 2342</td>
<td>Aural Theory II</td>
<td>2</td>
</tr>
<tr>
<td>M TH 2332</td>
<td>Harmony III</td>
<td>2</td>
</tr>
<tr>
<td>M TH 2352</td>
<td>Aural Theory III</td>
<td>2</td>
</tr>
<tr>
<td>M ED 3302</td>
<td>Music History I</td>
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<tr>
<td>M ED 4322-3</td>
<td>Music History II</td>
<td>2-3</td>
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<tr>
<td>M ED 4332-3</td>
<td>Music History III</td>
<td>2-3</td>
</tr>
<tr>
<td>C M 3113</td>
<td>Music, Ministry &amp; the Church</td>
<td>3</td>
</tr>
<tr>
<td>M ED 3372</td>
<td>Conducting I</td>
<td>2</td>
</tr>
<tr>
<td>APMU 3141</td>
<td>Junior Level Recital*</td>
<td>1</td>
</tr>
<tr>
<td>M ED 2300</td>
<td>Recital Attendance+</td>
<td>0</td>
</tr>
<tr>
<td>APMU 2400</td>
<td>Enrichment Seminar#</td>
<td>0</td>
</tr>
</tbody>
</table>

**Additional specifications for Music majors may be found in the School of Music Handbook, available in the Music Office.

*Students must apply each semester for advanced levels of proficiency in their primary applied instrument. Minimum levels must be reached before a recital may be given.

+Students are required to attend a certain number of live performances each semester, determined by the total number of live performances on campus.

Bachelor of Arts in Music

This degree program is designed for the student who wishes to have a general background in music. The major must be supported by one minor of not fewer than 15 hours in a related department.
ACADEMIC PROGRAMS (MUS/N SCI/NURS)

Additional Music Courses
Applied (Minimum of 4 hrs. in piano) .................................................... 12
Music Ensemble (MENS)* .................................................................... 8+
Music Electives (Other than Ensemble) .................................................... 4
**Total Hours** 52+
*[See section on Ensembles under Special Requirements]*

Bachelor of Music Education
This degree option is designed for the student who is preparing to teach vocal or instrumental music in the public schools. Students must make application and be approved for admission to the Teacher Education program and student teaching at appropriate points in the degree program.

VOCAL

Required Core Courses 28

Additional Music Courses
M ED 3222 Vocal Literature and Diction I ................................................ 2
M ED 3231 Vocal Literature and Diction II .............................................. 1
M ED 3362 Vocal Pedagogy .................................................................. 2
M ED 3382 Conducting II ..................................................................... 2
M ED 3391 Fundamentals of Instrumental Methods ......................... 1
M ED 4352 Elementary Music Methods ............................................. 2
M ED 4362 Secondary Music Methods ................................................. 2
M TH 4442 Arranging ......................................................................... 2
APMU Applied Voice (or Piano) ..................................................... 7
APMU Applied Piano (or Voice) ..................................................... 4
MENS Music Ensembles ................................................................. 12

Education Courses
ED 2111 Intro. to Education .................................................................. 1
ED 2162 Foundations of Education .................................................... 2
ED 2173 Psychology of Child & Youth ................................................. 3
ED 3122 Learning & Evaluation ......................................................... 2
ED 4142 Survey of Exceptional Child ................................................... 2
ED 4273 Professional Decision Making ............................................. 3
ED 4700 Seminar ............................................................................... 0
ED 4965 Student Teaching Elementary ........................................... 5
ED 4995 Student Teaching Secondary .............................................. 5

Foreign Language proficiency required

Total Hours 88

INSTRUMENTAL

Required Core Courses 28

Additional Music Courses
M ED 3311 Brass Methods .................................................................. 1
M ED 3321 Percussion Methods ......................................................... 1
M ED 3331 Woodwind Methods ......................................................... 1
M ED 3341 String Methods ................................................................ 1
M ED 3382 Conducting II .................................................................. 2
M ED 4342 Marching Band Techniques OR
M ED 4342 String Pedagogy .............................................................. 2
M ED 4352 Elementary Music Methods ............................................. 2
M ED 4362 Secondary Music Methods ................................................. 2
M TH 4432 Orchestration OR
M TH 4442 Arranging ......................................................................... 2
APMU Applied Major Instrument ...................................................... 7
APMU Applied Piano ......................................................................... 2
Other Applied (4 secondary instruments) .................................................... 4
MENS 2511 Symphonic Band OR
MENS 2521 Orchestra ............................................................................ 8
MENS 2561 Choral Society ..................................................................... 2

Education Courses
ED 2111 Introduction to Education ..................................................... 1
ED 2162 Foundations of Education ..................................................... 2
ED 2173 Psychology of Children & Youth ............................................ 3
ED 3122 Learning & Evaluation .......................................................... 2
ED 4142 Survey of Exceptional Child ................................................... 2
ED 4273 Professional Decision Making ................................................ 3
ED 4700 Seminar ............................................................................. 0
ED 4965 Student Teaching Elementary ............................................... 5
ED 4995 Student Teaching Secondary ................................................ 5

Foreign Language proficiency required
Total Hours 88

Bachelor of Science in Music
Three emphases are offered for the degree: Ministry, Business, and Performance (Vocal, Keyboard, Instrumental).

MINISTRY EMPHASIS
A liberal arts degree with a major in Music designed for the student who wishes a greater depth of understanding and study in the area of music as it relates to the church.

Required Core Courses 28

Additional Music Courses
M ED 3382 Conducting II ................................................................. 2
MENS 2571 Handbell Choir ............................................................... 1
CM 3212 Hymnology & Sacred Lit. ................................................... 2
CM 3223 Survey of Worship ............................................................. 3
CM 4212 Church Music Admin ......................................................... 2
APMU Applied Major Instrument .................................................... 7
APMU Applied Piano ................................................................. 2
M TH 4432 Orchestration ................................................................. 2
M TH 4442 Arranging ................................................................. 2
MENS Music Ensemble .................................................................. 8+

Theology Courses (in addition to General Core Theology Courses)
PRTH 1113 Intro. to Ministry .............................................................. 3
B LT 2163 Methods in Biblical Study ................................................ 3
C ED 4153 Multiple Staff Ministry ................................................... 3
C ED 4163 Pastoral Leadership and Team Building ......................... 3

Additional Requirements
CM 4281-3 Music Internship ............................................................. 1-3

Total Hours 72-74+

BUSINESS EMPHASIS
A liberal arts degree with a major with Music designed for the student who wishes to augment musical study with a minor in Business.

Required Core Courses 28

Additional Music Courses
M TH 3431-2 Music Technology .................................................... 1-2
M TH 4432 Orchestration ................................................................. 2
M TH 4442 Arranging ................................................................. 2
APMU Applied Major Instrument .................................................... 7
ACADEMIC PROGRAMS (MUS/N SCI/NURS)

MENS Music Ensemble ................................................................. 8+

Business Courses
- ECO 2113 Macroeconomics ....................................................... 3
- ACC 2113 Principles of Accounting I ........................................... 3
- BADM 3103 Business Communication ....................................... 3
- MKT 3113 Principles of Marketing .............................................. 3
- MGT 3103 Human Resources Management ............................... 3

Additional Requirements
- M ED 4381-3 Music Business Internship ................................... 1-3
- MTH 2513 Introduction to Recording Engineering ...................... 3

Total Hours 68-70+

PERFORMANCE EMPHASIS
The degree programs with a music performance emphasis are liberal arts degrees with a major in Music. These are designed for the student who wishes a greater depth of understanding and study in the area of musical performance.

VOCAL EMPHASIS

Required Core Courses *30
- M ED 3211 Introduction to Opera ................................................. 1
- M ED 3222 Vocal Literature and Diction I ...................................... 2
- M ED 3231 Vocal Literature and Diction II ..................................... 1
- M ED 3362 Vocal Pedagogy ........................................................... 2
- M TH 4413 Counterpoint .............................................................. 3
- M TH 4423 Music Analysis ............................................................ 3
- APMU Applied Voice ................................................................. 14
- APMU Applied Piano ................................................................. 4
- APMU 4141 Senior Level Recital .................................................. 1
- MENS Music Ensemble ............................................................. 12

Additional Requirements
- Two semesters French or German ................................................... 6

Total Hours
*Enrollment in Music History II & III (M ED 4323 & M ED 4333) for 3 credits each

KEYBOARD EMPHASIS (piano or organ)

Required Core Courses *30
- M ED 3352 Keyboard Pedagogy ................................................... 2
- M ED 3411 Keyboard Literature ................................................... 1
- M TH 3431-2 Music Technology .................................................... 1-2
- M TH 4413 Counterpoint .............................................................. 3
- M TH 4423 Music Analysis ............................................................ 3
- M TH 4432 Orchestration or ........................................................... 2
- M TH 4442 Arranging ................................................................. 14
- APMU Applied Keyboard ........................................................... 1
- APMU 4141 Senior Level Recital .................................................. 1
- MENS Music Ensemble ............................................................. 8

Additional Requirements
- Two semesters French or German ................................................... 6

Total Hours 72
*Enrollment in Music History II & III (M ED 4323 & M ED 4333) for 3 credits each

INSTRUMENTAL EMPHASIS

Required Core Courses *30
- M ED 3311 Brass Methods OR
**Additional Requirements**

Two semesters French or German ................................................................. 6

**Total Hours** 74

*Enrollment in Music History II & III (M ED 4323 & M ED 4333) for 3 credits each

**Minors in Music**

Students wishing to minor in Music have two options available. Both require completion of 18 hours in Music, as specified below.

**Music Minor -- Course Requirements**

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<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>M TH 1322</td>
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</tr>
<tr>
<td>M TH 1332</td>
<td>2</td>
</tr>
<tr>
<td>M TH 1342</td>
<td>2</td>
</tr>
<tr>
<td>M TH 1352</td>
<td>2</td>
</tr>
<tr>
<td>M ED 3372</td>
<td>2</td>
</tr>
<tr>
<td>MENS</td>
<td>2</td>
</tr>
<tr>
<td>APMU</td>
<td>2</td>
</tr>
<tr>
<td>M ED 4391</td>
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</tr>
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<td>C M 3223</td>
<td>3</td>
</tr>
<tr>
<td>C M-4283</td>
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</table>

**Total Hours** 18

**Church Music Minor -- Course Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>M TH 132</td>
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<tr>
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<td>M ED 3372</td>
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<td>MENS</td>
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</tr>
<tr>
<td>APMU 1601</td>
<td>2</td>
</tr>
<tr>
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<td>1</td>
</tr>
<tr>
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<td>3</td>
</tr>
<tr>
<td>C M-4283</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Hours** 18

**Applied Music (APMU)**

Individual lessons are offered in Voice, Piano, Organ, Woodwind, Brass, Strings and Percussion Applied Music for Music Majors: All vocal music education majors must enroll their first year for at least one lesson in piano and one lesson in voice.

**Credit in Applied Music:**

<table>
<thead>
<tr>
<th>Type of Lessons</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 class lesson per week</td>
<td>1</td>
</tr>
<tr>
<td>2 class lessons per week</td>
<td>1-2</td>
</tr>
<tr>
<td>1 private lesson per week</td>
<td>1</td>
</tr>
<tr>
<td>2 private lessons per week</td>
<td>2-4*</td>
</tr>
</tbody>
</table>
ACADEMIC PROGRAMS (MUS/N SCI/NURS)

*Additional work required for each additional hour of applied credit. On certain degrees, four hours credit may be received for two private lessons per week at junior and senior levels, by instructor's recommendation and the jury grade each semester.

One hour of credit in applied music requires a minimum of four to six hours a week of practice. The applied grade is based on practice and achievement. The student must attend 75 percent of the regular lessons to receive a grade.

Music majors must pursue individual instruction in his or her primary area of performance each semester enrolled.

Length of Lessons: Private lessons in applied music are thirty-minute periods.

Make-up Lessons: Lessons falling on legal holidays, University holidays or missed due to student's negligence will not be made up. Lessons missed unavoidably or by the instructor shall be made up at instructor's earliest convenience.

Individual Lessons for pre-college students. High school seniors may receive credit. May be repeated. By permission of instructor.

NATURAL SCIENCES (NS)
(See Course Descriptions section)

SCHOOL OF NURSING (NURS)

School Faculty
Professor A. Ferguson, Chair; Associate Professor S. Barnes; Assistant Professors C. Cooper, A. Crutcher, C. Dorough, M. Hibbert

School Objectives
1. To afford the student an opportunity to gain knowledge for discernment of truth and development of values for personal growth and service.
2. To prepare the student for entry into nursing at the professional level as a generalist who can provide care for individuals, families and groups in a variety of settings through utilization of the nursing process.
3. To provide an educational foundation conducive to graduate study and specialization in practice.
4. To assist the student to apply Christian values and principles in the practice of nursing.

Nursing Major for B.S. Degree
The Nursing program at Southern Nazarene University is approved by the Oklahoma Board of Nursing and accredited by the Commission on Collegiate Nursing Education of the American Association of Colleges of Nursing. A four-year curriculum leading to a Bachelor of Science degree with a major in Nursing (B.S.) is offered. The program requires 55 academic hours of nursing courses and 75 hours of general education and prerequisite courses. The nursing courses include classroom, laboratory
and clinical experiences and are scheduled over six semesters beginning in the Fall semester of the sophomore year. Clinical experiences are provided in a variety of hospitals and agencies in the community. Selection for admission into the nursing program will be made during the Spring semester of the freshman year. Preference is given to applicants whose preparatory work is completed at SNU. Applications are available in the School of Nursing office. A cumulative GPA of 2.75 and completion of all prerequisite courses at a 'C' level are required for admission. A test of English as a foreign language (TOEFL) score of 550 is required for international students.

Registered nurses from a diploma or associate degree program who wish to obtain a Bachelor of Science degree may apply with the School of Adult Studies for admission to SNU's RN-BS degree completion program. Completion of prerequisite courses at a 'C' level and a cumulative GPA of 2.75 are required for admission. The program is fourteen months in length and meets one evening per week. Significant work is completed outside the classroom setting.

Licensed practical nurses may challenge a maximum of 10 hours of nursing courses. Upon successful completion of the challenge examinations and other requirements for advanced placement, credit will be given. Copies of the advanced placement policies may be obtained in the School of Nursing office. Transcripts will be evaluated on an individual basis by School of Nursing faculty.

Costs

Admission, general fees and tuition are essentially the same as for other students at SNU. Scholarships are available. Additional semester fees are assessed to cover specific nursing costs; these fees are outlined in the Nursing Students' Handbook. Nursing costs include:

- **Textbooks** -- Nursing textbooks and course syllabi are purchased at the beginning of the semester. Most required textbooks are used in more than one course.
- **Uniforms** -- Each student will be required to purchase a uniform, nursing shoes and lab coat for use in the clinical setting.
- **Immunizations** -- Titors and TB Tests -- Immunization against tetanus, rubella, rubeola and hepatitis B must be completed before entering the Spring semester of the sophomore year. A TB skin test is required annually with follow-up chest x-ray if positive. Varicella titer or documented history of Varicella must also be obtained before beginning the nursing program.
- **CPR** -- CPR certification must be maintained throughout the nursing program.
- **Equipment** -- A stethoscope, pen light, tape measure, transparent six (6) inch ruler (measuring in cms) and a nurses' watch with a second hand are required. Other equipment will be ordered by the School of Nursing and the student will be required to pay for this equipment pack.
- **Program Fee** -- Students will be assessed an additional fee each semester of the nursing program.
- **Oklahoma Nursing Students' Association Convention** -- Each student is required to attend one day during the junior and the senior year. Membership in the organization is encouraged.
- **Insurance** -- Each student must purchase professional liability insurance before practicing in the clinical setting.
- **NCLEX-RN** -- Upon completion of the nursing program each student must pay a fee for the National Council Licensure Examination (NCLEX). Successful completion of this exam is necessary to meet the legal requirements to practice as a registered nurse.
### Recommended Course Sequence

#### Freshman

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>*ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>*CHEM 1124</td>
<td>Gen. Chem I</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>*BIOL 2224</td>
<td>Anatomy</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>GS 1031</td>
<td>New Student Sem.</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>*NURS 1311</td>
<td>Intro to Nursing</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>*SOC 1113</td>
<td>Intro to Sociology</td>
<td>3</td>
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<td></td>
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<td>16</td>
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<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>*ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
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<tr>
<td></td>
<td>*BIOL 2124</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>*BIOL 2234</td>
<td>Physiology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>*Math 1513</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>*PSY 1113</td>
<td>Gen. Psychology I</td>
<td>3</td>
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#### Sophomore

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>Fall</td>
<td>**NURS 1393</td>
<td>Health Assessment</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>**NURS 2323</td>
<td>Nutrition</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>B LT 1163</td>
<td>Intro. to Bib. Lit.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SP C 1133</td>
<td>Speech</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HP 2003</td>
<td>Intro. to World Civ</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Total</td>
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<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Spring</td>
<td>**NURS 2193</td>
<td>Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>**NURS 2436</td>
<td>Foundations of Nursing</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>**PSY 3133</td>
<td>Human Dev.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>THEO 2233</td>
<td>Intro to Christ. Thought</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>KSM Elective</td>
<td></td>
<td>1</td>
</tr>
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<td></td>
<td>Total</td>
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#### Junior

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Fall</td>
<td>**NURS 3344</td>
<td>Childbearing Fam.</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>**NURS 3424</td>
<td>Nsg. Care: Child</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>ENGL 2413</td>
<td>Intro to Literature</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>PHIL 2013</td>
<td>Intro to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ECO 3033</td>
<td>Bus., Econ. Society</td>
<td>3</td>
</tr>
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<td></td>
<td>Total</td>
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<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>**NURS 3416</td>
<td>Adult Nursing I</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>**NURS 3354</td>
<td>Mental Health Nsg.</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>HP 1493</td>
<td>History or Gov.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BLT 3013</td>
<td>Bib. Interpretation</td>
<td>3</td>
</tr>
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<td></td>
<td>Total</td>
<td></td>
<td>16</td>
</tr>
</tbody>
</table>

#### Senior

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Fall</td>
<td>**NURS 4333</td>
<td>Community Nsg.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>**NURS 4416</td>
<td>Adult Nursing II</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>STAT 3143</td>
<td>Stat Methods</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SOC 3013</td>
<td>CSI</td>
<td>3</td>
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<table>
<thead>
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<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Spring</td>
<td>NURS 4423</td>
<td>Gerontology Nsg.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>**NURS 4364</td>
<td>Nurs. Ldrshp.</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>**NURS 4372</td>
<td>Trends &amp; Issues</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>NS 3043</td>
<td>Sci., Tech., &amp; Soc.</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>FA 2123</td>
<td>Intro to Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>NURS 4342</td>
<td>Nursing Research</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>17</td>
</tr>
</tbody>
</table>

*These prerequisite courses are required with a minimum grade of 'C' for admission into Nursing courses.

**Course must be taken in semester and order shown.
DEPARTMENT OF PHYSICS
(PHYS)

Department Faculty
Professor D.E. Neuenschwander, Chair

Departmental Objectives
1. Equip the physics major for graduate school and a career in physics, and the many other professions to which the skills, knowledge, and insights of the physicist are transferable.
2. Supplement the Physics curriculum with extracurricular professional development experiences, including undergraduate research, participation in regional and national meetings, and other aspects of life in the physics community.
3. Acquaint the student with the multiple career options that are available with the Bachelor's degree in physics.
4. Meet the needs of students in other majors who require some physics background.
5. Encourage the study of Physics as a liberal art, showing its aesthetic and philosophical qualities, its values and limitations, and its influence in the world of ideas.

Majors
Physics Major
Persons wishing to earn the Bachelor of Science degree in Physics must complete the Physics Core Program, which consists of the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 2114 General Physics for Scientists and Engineers I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2214 General Physics for Scientists and Engineers II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 3173 Waves and Optics</td>
<td></td>
</tr>
<tr>
<td>PHYS 3191 Selected Topics in Physics, OR</td>
<td></td>
</tr>
<tr>
<td>PHYS 4311 General Relativity</td>
<td>1</td>
</tr>
<tr>
<td>PHYS 3213 Quantum Mechanics I</td>
<td></td>
</tr>
<tr>
<td>PHYS 4123 Electricity and Magnetism I</td>
<td></td>
</tr>
<tr>
<td>PHYS 4133 Classical Mechanics I</td>
<td></td>
</tr>
<tr>
<td>PHYS 4151 Advanced Physics Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYS 4181 Directed Research</td>
<td>1</td>
</tr>
<tr>
<td>PHYS 4213 Statistical Mechanics</td>
<td>3</td>
</tr>
</tbody>
</table>

In addition to this 26-hour Core, the student must complete at least six (6) additional hours in departmental courses numbered above 2214, for a minimum of 32 hours of Physics. Selected topics in Physics (PHYS 3191), Advanced Physics Laboratory (PHYS 4151), and Directed Research (PHYS 4181) may be repeated as part of this requirement.
Notes:

Physics majors are typically enrolled in Careers in Physics and Applied Physics (PHYS 1111) and General Chemistry I & II (CHEM 1124 & 1224) during the freshman year. Freshmen may be allowed to take Introduction to Atomic and Nuclear Physics (PHYS 2313), with advance consultation from with the professor. Freshmen with strong mathematics backgrounds that include Introductory Calculus may take Calculus II (MATH 2424) and General Physics I and II (PHYS 2114 & 2214).

General Physics II (PHYS 2214) and Calculus III (MATH 2524) are prerequisites for most upper-division Physics courses.

Quantum I & II (PHYS 3213, 3223), Electricity & Magnetism I & II (PHYS 4123, 4223) Classical Mechanics I & II (PHYS 4133, 4143), Waves and Optics (PHYS 3173), Statistical Mechanics (PHYS 4213), and General Relativity (PHYS 4311-2) are normally offered in alternate years, so advance planning to accommodate this sequence is important. Consult the current Schedule of Classes for specific information on these course offerings.

Physics Minor
The Physics minor consists of eleven (11) hours of Physics beyond PHYS 2214.

Physics and Other Programs

In addition to the 32-hour Physics course of study, Physics majors typically earn a minor or second major in another field such as Mathematics, Computer Science, Chemistry, Biology, Environmental Studies, or Business. Such choices arise for diverse reasons, including graduate study in Physics, graduate study in other fields that use physics (such as radiology) or other forms of mathematical modeling (e.g., actuarial science), or to pursue engineering careers, which often develop into industrial management roles. Towards these ends, suggested courses may include but are not limited to the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3133 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3143 Probability and Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4113 Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4153 Complex Variables</td>
<td>3</td>
</tr>
<tr>
<td>CS 2443, 2543 Introduction to Computer Science I, II</td>
<td>3,3</td>
</tr>
<tr>
<td>CS 3123 Advanced C Programming</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 4114 Physical Chemistry (cross-listed as PHYS 4114)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2234 Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3263 Cell and Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BADM 1113 Introduction to Business</td>
<td>3</td>
</tr>
<tr>
<td>MGT 3113 Principles of Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Biological Physics Program

The intersection of physics and biology promises to be among the most fertile scientific frontiers of the 21st century. The development of positron emission tomography (PET) and magnetic resonance imaging (MRI) are only two among many recent applications of biological physics. SNU offers one of the few undergraduate programs in Biological Physics, through its Biological Physics Track within the Physics major. To pursue the Biological Physics Track, beyond the Physics Core the student will take:

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 3191-3 Selected Topics in Physics—Readings in Biological Physics</td>
<td>1-3</td>
</tr>
<tr>
<td>PHYS 2313 Introduction to Atomic and Nuclear Physics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2234 Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3263 Cell and Molecular Biology</td>
<td>3</td>
</tr>
</tbody>
</table>

If desired, the program may be further customized with emphasis in either: (1) Medical Physics, (2) Cell and Molecular Physics, or (3) Environmental Physics, through
additional selected electives from the Departments of Biology, Chemistry, Mathematics and Computer Science.

**Pre-Engineering Program**

Several options are available at SNU for students who wish to pursue a career in engineering.

Nationally and historically, about half of all Physics bachelor's degree recipients assume engineering positions upon graduation (American Institute of Physics, Statistics Division data). Thus the option of earning the Bachelors degree in Physics at SNU opens the door to engineering, while creating other career options as well.

Alternatively, one may attend SNU for two years, then transfer to a college of engineering at another institution offering an undergraduate engineering degree. A suggested two-year course of study at SNU is sketched below.

Students seeking degrees in Electrical or Mechanical Engineering may participate in SNU's cooperative program with Oklahoma Christian University, near Edmond, Oklahoma, a 20-minute drive from SNU. The OC program is certified by the Accreditation Board for Engineering and Technology (ABET). In the SNU-OC cooperative program the student takes required general education courses at SNU and may remain in residence on the SNU campus. Academic scholarships awarded by SNU are recognized by OC. The engineering degree is awarded by OC.

**Typical Pre-Engineering Curriculum**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>GS 1031 New Student Institute</td>
<td>1</td>
</tr>
<tr>
<td>ENGL 1113 Composition I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1124 General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2324 or 2424 Calculus I or II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 1111 Careers in Physics &amp; Applied Physics</td>
<td>1</td>
</tr>
<tr>
<td>PHYS 2313 Intro to Atomic and Nuclear Physics</td>
<td>3</td>
</tr>
<tr>
<td>General Education Courses</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Second Semester</th>
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</thead>
<tbody>
<tr>
<td>ENGL 1213 Composition II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1224 General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2424 or 3164 Calculus II or III</td>
<td>4</td>
</tr>
<tr>
<td>General Education Courses</td>
<td>3</td>
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</table>

<table>
<thead>
<tr>
<th>Third Semester</th>
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<tbody>
<tr>
<td>PHYS 2114 General Physics for Scientists &amp; Engineers I</td>
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<tr>
<td>MATH elective</td>
<td>3</td>
</tr>
<tr>
<td>CS 2443 Introduction to Computer Science I</td>
<td>3</td>
</tr>
<tr>
<td>General Education Courses</td>
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<table>
<thead>
<tr>
<th>Fourth Semester</th>
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<tbody>
<tr>
<td>PHYS 2214 General Physics for Scientists &amp; Engineers II</td>
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<tr>
<td>CS 2543 Introduction to Computer Science II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3154 Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>General Education Courses</td>
<td>4</td>
</tr>
</tbody>
</table>
DEPARTMENT OF PSYCHOLOGY

(PSY)

Department Faculty
Professor D. Stasser, Chair; Professor P. Budd; Associate Professor V. Hance; Assistant Professor N. Jacobs; Adjunct Faculty M. Banz, G. Duty, D. Joiner, D. Kelley, W. Lee

Departmental Objectives

General Objectives
1. To help all students to formulate a personal interpretation of human behavior which is compatible with a Christian concept of personality and is supported by the experimental data of a sound scientific psychology.
2. To help all students to gain insight into the principles of conduct that will lead to intelligent control of personal affairs and to effective participation and leadership in activities of the social group.

Professional Objectives
1. To provide thorough undergraduate training in psychology for those preparing for graduate work in psychology.
2. To provide practical training in psychological skills and methods useful to students who will be working in one of the paraprofessional areas of psychology and related fields.
3. To provide the background in psychology needed for those preparing for such vocations as the ministry, missions, school counseling and guidance, counseling, medicine, nursing, business, and teaching.
4. To provide courses and other experiences which promote the personal development of the student and contribute to the general education objectives of the college.

Majors in Psychology

Three patterns of concentration are available for a major in psychology. Two lead to a Bachelor of Science degree; one to a Bachelor of Arts degree. The requirements for all three are given below. A transfer student must take at least 50 percent of his/her major coursework in psychology from Southern Nazarene University to receive a degree in psychology from SNU.

Bachelor of Arts Degree in Psychology

The Bachelor of Arts degree in Psychology is designed primarily as a liberal arts major for those entering fields requiring psychological understanding. A minimum of 38 hours are required to complete the B.A. program, and must include the following:

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>PSY 1113</td>
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</tr>
<tr>
<td>PSY 1131</td>
<td>1</td>
</tr>
<tr>
<td>PSY 1213</td>
<td>3</td>
</tr>
<tr>
<td>STAT 3143</td>
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</table>
### Bachelor of Science Degree in Psychology

For the BS degree in Psychology, 45 hours are required in departmental courses including those listed below:

<table>
<thead>
<tr>
<th><strong>Introductory Courses</strong></th>
<th><strong>7 hours required</strong></th>
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<tbody>
<tr>
<td>PSY 1113</td>
<td>General Psychology I</td>
</tr>
<tr>
<td>PSY 1131</td>
<td>General Psychology Laboratory</td>
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<tr>
<td>PSY 1213</td>
<td>General Psychology II</td>
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<table>
<thead>
<tr>
<th><strong>Methodology Courses</strong></th>
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<tbody>
<tr>
<td>STAT 3143</td>
<td>Statistical Methods</td>
</tr>
<tr>
<td>PSY 3153</td>
<td>Research Design (PREREQUISITE: STAT 3143)</td>
</tr>
<tr>
<td>STAT 3243</td>
<td>Computer-Packaged Statistics (PREREQUISITE: STAT 3143)</td>
</tr>
<tr>
<td>PSY 3161</td>
<td>Senior Thesis (PREREQUISITE: PSY 3153)</td>
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<table>
<thead>
<tr>
<th><strong>Core Content Courses</strong></th>
<th><strong>19 hours required</strong></th>
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<tbody>
<tr>
<td>PSY 3133</td>
<td>Human Development, PSY 2173 Psy. of Children &amp; Youth, OR PSY 4143 Advanced Developmental Theories</td>
</tr>
<tr>
<td>PSY 3113</td>
<td>Social Psychology</td>
</tr>
<tr>
<td>PSY 3174</td>
<td>Physiological Psychology (with lab)</td>
</tr>
<tr>
<td>PSY 3193</td>
<td>Learning &amp; Cognition</td>
</tr>
<tr>
<td>PSY 4153</td>
<td>Psychology of Personality</td>
</tr>
<tr>
<td>PSY 4273</td>
<td>History &amp; Systems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Integrative Courses</strong></th>
<th><strong>3 hours required</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 4391-3</td>
<td>Practicum</td>
</tr>
<tr>
<td>PSY 4492</td>
<td>Senior Colloquium in Psychology</td>
</tr>
</tbody>
</table>

**Total Elective Hours** **5 hours required**

Electives are to be chosen from the three areas listed below:

**Specialty Electives—one of the following is required**

- PSY 3203 Industrial/Organizational
- PSY 4113 Psychology of Religion
- PSY 3183 Psychological Testing
- PSY 4373 Special Topic: Psychology & Law
- PSY 4373 Special Topic: Sport Psychology
- PSY 3433 Death & Dying

**Clinical Electives**

- PSY 4103 Abnormal Psychology
- PSY 4213 Principles of Counseling
- PSY 4263 Techniques of Counseling
- PSY 2352 Interviewing Techniques

**Basic Electives**

- PSY 2102 Self-Concept Development
- PSY 1121 Careers in Psychology
ACADEMIC PROGRAMS (PSY/SCI/SOC)

Non-Departmental Requirements 4 of 6 areas required
- Literature or composition course
- Math course
- Modern Language
- Natural Science lab course
- Philosophy course
- Sociology course

Bachelor of Science – Multidisciplinary Program
A Bachelor of Science degree may also be obtained by following the multidisciplinary concentration with 60 hours in psychology and related courses. General Psychology (PSY 1113), Senior Colloquium (PSY 4492) and 12 additional upper division hours are required as part of the 60 hours in a multidisciplinary concentration.

Minor In Psychology
A minimum of 18 hours is required to complete a minor in psychology, and must include the following courses.
- PSY 1113 General Psychology I
- PSY 1121 General Psychology Lab
- PSY 3153 Research Design AND PSY 3161 Senior Thesis
  OR
- PSY 4273 History & Systems of Psychology

STAT 3143 (Statistical Methods) is strongly recommended, and note should be made of the fact that STAT 3143 is a prerequisite for PSY 3153.

Human Relations Concentration
The Psychology Department, in conjunction with the Departments of Speech Communications and Sociology, offers a multidisciplinary concentration in Human Relations. This program focuses on how individual behavior, constructive feedback, processing of feelings, psychological integration, group processes, and effective interpersonal communication skills combine to produce meaningful, supportive relating to others. Supporting courses from Theology & Ministry and Business may also be selected. For more specific information, refer to the Human Relations section.

SCIENCE
(See Biology, Chemistry, Natural Science, Physics)

DEPARTMENT OF SOCIOLOGY
(SOC)

Department Faculty
Associate Professor B. Fry, Chair; Professor L. Wilcox; Adjunct Faculty S. Schakett

Departmental Objectives

General Objectives
1. To assist students in the development of a sociological perspective for interpreting human social behavior.
2. To encourage the development of personal and professional responsibility as educated persons of faith.
3. To enhance students’ understanding of, and ability to function in, diverse societies.
4. To enable students to understand the role and contribution of the social sciences in contemporary society.

**Professional Objectives**
1. To enhance students’ abilities to utilize sociological perspectives and methods.
2. To develop the capability to systematically analyze human behavior and social arrangements.
3. To provide quality undergraduate education that prepares graduates to enter graduate school or sociology career fields.

**Majors**

**Major in Sociology**

The Sociology Department offers majors in three degree concentration areas: Generalist, Criminal Justice, and Social Work. It also participates in two multidisciplinary concentrations: Human Relations and Urban Studies. Five courses (15 hours) are considered the CORE and are required of all majors. Thirty-six hours in Sociology are required for each concentration area.

The Sociology CORE includes:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Course Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*SOC 1113</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>STAT 3143</td>
<td>Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>SOC 4143</td>
<td>Social Theory</td>
<td>3</td>
</tr>
<tr>
<td>SOC 4193</td>
<td>Methods of Social Research</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3223</td>
<td>Colloquium in Sociology</td>
<td>3</td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

*SOC 1113 Intro. to Sociology is a prerequisite for all other Sociology courses.

**Concentration Area One: Generalist** - This concentration area is designed for those students planning to enter graduate or professional school. Completing an internship experience in an area of the student’s vocational interest is recommended.

<table>
<thead>
<tr>
<th>Sociology CORE</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electives from the following:</td>
<td>21</td>
</tr>
<tr>
<td>SOC 2113 Social Problems</td>
<td></td>
</tr>
<tr>
<td>SOC 3103 Race and Ethnicity</td>
<td></td>
</tr>
<tr>
<td>SOC 3153 Urban Sociology</td>
<td></td>
</tr>
<tr>
<td>SOC 2153 Sociology of the Family</td>
<td></td>
</tr>
<tr>
<td>SOC 4383 Social Stratification</td>
<td></td>
</tr>
<tr>
<td>SOC 4183 Cultural Anthropology</td>
<td></td>
</tr>
<tr>
<td>SOC 2223 Aging and Gerontology</td>
<td></td>
</tr>
<tr>
<td>SOC 3433 Death and Dying</td>
<td></td>
</tr>
<tr>
<td>SOC 4131-4 Sociology Internship</td>
<td></td>
</tr>
<tr>
<td>Other Sociology courses (as offered)</td>
<td></td>
</tr>
</tbody>
</table>

**Concentration Area Two: Criminal Justice** - This concentration area is designed for those students planning to enter the field of criminal justice upon graduation. Completing an internship experience in a criminal justice setting is also highly recommended.

<table>
<thead>
<tr>
<th>Sociology CORE</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electives from the following:</td>
<td>21</td>
</tr>
<tr>
<td>SOC 1123 Introduction to Criminal Justice</td>
<td></td>
</tr>
<tr>
<td>SOC 2133 Introduction to Corrections</td>
<td></td>
</tr>
<tr>
<td>SOC 3103 Race and Ethnicity</td>
<td></td>
</tr>
</tbody>
</table>
ACADEMIC PROGRAMS (SOC)

SOC 3173  Juvenile Delinquency
SOC 3193  Criminology
SOC 3443  Police Organization and Administration
SOC 4131-4 Sociology Internship
SOC 4383  Social Stratification

Concentration Area Three: Social Work - This concentration area is designed for students planning to begin entry level careers in social work or enter graduate school. An internship experience in a social work setting is also highly recommended.

Sociology CORE 15
Electives from the following: 21
SOC 2113 Social Problems
SOC 3103 Race and Ethnicity
SOC 3153 Urban Sociology
SOC 3163 Introduction to Social Work
SOC 2243 Aging and Gerontology
SOC 2153 Sociology of the Family
SOC 4131-4 Sociology Internship
SOC 4213 Social Work Processes

Additional electives for the three Sociology degree concentration areas should be selected in consultation with the academic advisor. These electives should be selected from the course offerings in the Division of Social/Behavioral Sciences (Sociology, Psychology, History, Politics, & Geography Departments.)

A minimum of eighteen (18) residency hours in the major should be taken at SNU, with at least nine (9) at the upper-division level. These courses should be chosen in consultation with a faculty advisor from the Sociology Department.

Human Relations Concentration (Sociology Component)
The Sociology Department, in conjunction with the Departments of Speech Communication and Psychology, offers one component of the multidisciplinary program in Human Relations. This multidisciplinary B.S. focuses on individual behavior, constructive feedback, processing of feelings, psychological integration, group processes, and effective interpersonal skills. The goal of the program is to combine the foregoing into meaningful, supportive relating to others. The program is designed to serve a variety of professional interests that focus on personal interaction in human relations. See the Human Relations section for the specific course requirements in Sociology.

Urban Studies Concentration (Sociology Component)
The Sociology Department, in conjunction with the School of Theology & Ministry offers one component of a multidisciplinary program in Urban Studies. This leads to a B.S. degree and is intended to provide a basis for understanding, assessing, and responding to urban life and society, informed by an understanding of biblical and theological perspectives for compassionate ministry. It also focuses on the development of skills in cross-cultural communication, personal counseling, and organizational development. See the Urban Ministry/Urban Studies section for specific course requirements in Sociology.

Minor in Sociology
Eighteen hours, including Introduction to Sociology and at least nine (9) hours of upper-division courses in Sociology. These courses should be chosen in consultation with a faculty advisor in the Sociology Department.
SPANISH
(See Department of Modern Languages)

DEPARTMENT OF SPEECH COMMUNICATION

Department Faculty
Professor P. Broyles, Chair; Assistant Professors L. Dart, M. Feisal, M. Kyzer; Adjunct Faculty T. Berryman, L. Gering, A. Hamilton, V. Long.

Departmental Mission and Objectives

1. To emphasize the importance of intelligent speech as inherent and central in the structure of a society of free people.
2. To develop an ethic that recognizes the responsibility of social consequence arising out of the individual's speech behavior.
3. To understand the role of communication in effective interpersonal relations, group interaction, conflict management and organizational life.
4. To achieve effectiveness that will merit response in areas of persuasion and influence.
5. To develop aesthetic appreciation and personal skills in literary and performance values of speech, literature, and drama.

Departmental Degrees

Departmental Major for A.B. Degree
A major in Speech Communication consists of 32 hours in Speech Communication above the freshman level General Education course. Six (6) hours of foreign language are also required.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP C 2133</td>
<td>3</td>
</tr>
<tr>
<td>SP C 2213</td>
<td>3</td>
</tr>
<tr>
<td>SP C 2353</td>
<td>3</td>
</tr>
<tr>
<td>SP C 3123</td>
<td>3</td>
</tr>
<tr>
<td>SP C 3463</td>
<td>3</td>
</tr>
<tr>
<td>SP C 4133</td>
<td>3</td>
</tr>
<tr>
<td>SP C 4191-2</td>
<td>1-2</td>
</tr>
<tr>
<td>SP C 4213</td>
<td>3</td>
</tr>
<tr>
<td>SP C 4223</td>
<td>3</td>
</tr>
<tr>
<td>SP C 4233</td>
<td>3</td>
</tr>
<tr>
<td>Speech Communication electives</td>
<td>3-4</td>
</tr>
</tbody>
</table>

Total Hours: 32

Disciplinary Major for A.B. Degree
A 45-hour major with courses selected from Speech Communication and the English and/or Modern Language Departments is known as a Disciplinary major. Six hours of foreign language are also required. Courses for this program must be approved by the academic advisor, Department Chair, Dean of Arts & Sciences, or Vice-President for Academic Affairs.

Mass Communication Major for A.B. Degree
The major in Mass Communication requires 32 hours and may be taken through the English and/or Speech Communication Departments. See Mass Communication section for a description of the major and a complete listing of courses.
Multidisciplinary Major for B.S. Degree
A major of 60 hours, selected from Speech Communication and from at least one other department (excluding Modern Language and English), which is related to a stated life objective or vocational goal, is known as a multidisciplinary major. A minimum of 20 hours of course work is required in each major area of a multidisciplinary program. Basic courses in General Education may be included in the 60 hours. Within this major various programs of study are possible, and must be approved in advance through the Dean of Arts & Sciences. The following are typical:

Communication Education
This major is designed to prepare students to teach speech and drama. See the Teacher Education section for certification requirements.

Human Relations
Coursework from the Departments of Speech Communication, Psychology, and Sociology structure this major. See the Human Relations section for a description of the major and the Course Description section for a complete listing of courses.

Urban Studies/Ministry
Coursework from the Departments of Speech Communication, Sociology, and Theology & Ministry structure this major. See the Urban Studies/Ministry section for a description of the major and the Course Description section for a complete listing of courses.

Departmental Minor
Eighteen semester hours in courses above the freshman level General Education course.

Associate of Arts in Communication Arts
Students enrolling in an Associate of Arts (A.A.) degree program must fulfill the regular requirements for admission to the University. To complete this degree, the student must complete 62 hours of college work and maintain a cumulative GPA of 2.0. Thirty (30) credit hours must be completed in residence and a minimum of fifteen (15) residence hours must be completed at the sophomore level or above. No more than nine (9) hours of upper-division hours count toward the residence requirement. If the student later wishes to pursue a baccalaureate program, the courses completed as part of the A.A. may apply toward the bachelor's degree.

General Education

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science</td>
<td>3</td>
</tr>
<tr>
<td>Citizenship</td>
<td>3</td>
</tr>
<tr>
<td>GS/B LT 1113</td>
<td>3</td>
</tr>
<tr>
<td>HP 2003</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
</tr>
</tbody>
</table>

Major Concentration in Communication Arts (32 Hours)

Creative Writing courses (18 Hours)
- CW 2313 Newswriting .................................................................3
- CW 2813 Intro. to Creative Writing......................................3
- CW 2833 Intro. to Writing Poetry .........................................3
- CW 3133 Writing for Christian Publications............................3
- CW 3313 Magazine Writing ..................................................3
- CW 3343 Writing for Broadcast ............................................3
- Mass Communication/Journalism courses...............................6

Select hours from any 2000 level courses.
Cognate area(s) ......................................................................................................................... 8
Select hours from 1000 and 2000 level courses in literature, philosophy, modern languages, psychology, or sociology.

Total Hours 62

STATISTICS
(STAT)
(See Course Descriptions section)

SCHOOL OF THEOLOGY & MINISTRY
(B LT, HB, GK, THEO, C HS, PHIL, PRTH, C ED, C M, MISS)

School Faculty
Professor H. Cauthron, Chair; Professors H. Culbertson, S. Green, J. Tashjian; Associate Professor D. Samples; Assistant Professors T. Crutcher, D. Forsberg, M. Michelson, B. Montgomery

School Mission
The mission of the School of Theology & Ministry, in obedience to the Great Commission, is to inspire and equip people for responsible Christian leadership in the Wesleyan holiness tradition.

School Objectives
The School seeks to introduce the heritage, resources, and practices of the Christian Faith in the General Education courses to orient all University students toward responsible Christian service in all walks of life. The School also provides pre-professional and professional training to equip students wishing to enter vocational Christian ministry.

General Objectives for All Students
1. Because Scripture is the primary authority for Christian Faith, the School intends:
   a) to stimulate students' love of Scripture as the dynamic word of God.
   b) to equip students to participate in the disciplines of Bible study, scriptural truths in life, community and personal decisions.
2. Because Reason organizes one's understanding and enables communication of the Faith, the School intends:
   a) to equip students to think critically/analytically about circumstances, ideas, and the intuitive foundations of our concepts.
   b) to enable students to understand theological presuppositions, language, and systems.
   c) to stimulate students to a lifetime application of a Wesleyan-Arminian theological perspective on contemporary issues.
3. Because understanding of Christian Tradition frees individuals to participate constructively in community, the School intends:
   a) to introduce students to the pivotal persons, events, movements, and ideas of the Church's development.
ACADEMIC PROGRAMS (THEO & MIN)

1. To facilitate the integration of skills in communication, leadership, management, and churchmanship with deepening Biblical and theological understanding.
2. To provide an appropriate basis for graduate theological education.
3. To provide resources, skills, and motivation for a lifetime of theological study.

Specific Objectives for the Student of Philosophy
1. To provide the student an understanding of the method and subject matter of philosophy.
2. To engender in the student's life the love of truth and the desire for an enriched life.
3. To resolve the oppositions of skepticism and dogmatism by an investigation of all experience.
4. To foster in the student the habit of accurate and consistent thinking.
5. To teach the student what and how to question.
6. To help the student evaluate life to determine its worth and meaning in the light of philosophic, scientific, and religious truth.

Core Program Requirements
Several degree programs are available for a major in Theology & Ministry according to the student's vocational plans. Programs leading to either an A.B. or B.S. degree are provided. The following THEOLOGY & MINISTRY CORE COURSES (total of 34 hours) are required for all degree programs except the multidisciplinary degrees. Additional General Education courses in Bible are listed elsewhere.

**Required Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRTH 1113</td>
<td>3</td>
</tr>
<tr>
<td>THEO 3113</td>
<td>3</td>
</tr>
<tr>
<td>THEO 3123</td>
<td>3</td>
</tr>
<tr>
<td>THEO 3133</td>
<td>3</td>
</tr>
<tr>
<td>THEO 4111</td>
<td>1</td>
</tr>
<tr>
<td>THEO 4133</td>
<td>3</td>
</tr>
<tr>
<td>THEO 4143</td>
<td>3</td>
</tr>
<tr>
<td>C HS 3123</td>
<td>3</td>
</tr>
<tr>
<td>C HS 3133</td>
<td>3</td>
</tr>
<tr>
<td>An upper-division Old Testament exegesis course, from the following:</td>
<td>3</td>
</tr>
<tr>
<td>B LT 3113</td>
<td>Pentateuchal Narratives</td>
</tr>
<tr>
<td>B LT 3123</td>
<td>Historical Books: The Former Prophets</td>
</tr>
<tr>
<td>B LT 4123</td>
<td>8th &amp; 7th Century Prophets</td>
</tr>
<tr>
<td>B LT 4213</td>
<td>Poetic &amp; Wisdom Literature</td>
</tr>
<tr>
<td>An upper-division New Testament exegesis course, from the following:</td>
<td>3</td>
</tr>
<tr>
<td>B LT 3243</td>
<td>Matthew &amp; Mark</td>
</tr>
<tr>
<td>B LT 3253</td>
<td>Pauline Epistles</td>
</tr>
<tr>
<td>B LT 4173</td>
<td>Johannine Literature</td>
</tr>
</tbody>
</table>
(THEO & MIN) ACADEMIC PROGRAMS

B LT 4193 General Epistles & Revelation
One additional elective upper-division exegesis course............................3

A.B. Degree Programs
An A.B. degree program is the normal pattern of ministry preparation for students intending to serve as pastors, evangelists, missionaries, and theological educators. Pre-seminary students are strongly urged to follow one of the A.B. degree patterns.

All A.B. degree programs in Theology & Ministry require twelve (12) hours of foreign language, nine (9) of which must be in progressing courses in the same language. It is strongly recommended that ministerial students fulfill the language requirement with either nine (9) hours of Greek and three (3) hours of Hebrew or twelve (12) hours of Greek.

All A.B. degree programs require three (3) hours of Philosophy beyond the General Education Core Philosophy course. Either History of Ancient and Medieval Philosophy (PHIL 3103), or History of Modern Philosophy (PHIL 3113) are recommended.

The Theology & Ministry Concentration for the A.B. degree is certified by the Office of Ministry of the Church of the Nazarene as meeting all requirements of the Ministerial Course of Study for the Elder Track.

The following program concentrations are available:

A. Theology & Ministry Concentration
Core Requirements (as listed above) 34 hours
CED 2123 Foundations of Christian Education .......................................3
CHS 2113 History & Polity of the Church of the Nazarene ......................3
[non-Nazarenes will do an alternative elective]
PRTH 3113 Fundamentals of Preaching.................................................. 3
PRTH 3323 Evangelism and Church Renewal........................................... 3
MISS 2113 Introduction to Christian Missions .........................................3
PRTH 3223 Survey of Worship................................................................3
PRTH 4143 Pastoral Care and Counseling.............................................. 3
PRTH 4163 Pastoral Leadership & Team Building.....................................3
PRTH 4183 or 4383 Ministry Experience or Ministry Intensive ..................3
TOTAL HOURS 61

B. Philosophy Concentration
Core requirements in Biblical Literature and Theology 21 hours
PHIL courses approved by the School....................................................24 hours
TOTAL HOURS 45

C. Christian Education Concentration
Core requirements (as listed above) 34 hours
CED 2123 Foundations of Christian Education .......................................3
CED 3323 Evangelism & Church Renewal.............................................. 3
CHS 2113 Nazarene History and Polity................................................ 3
CED 4183 or 4383 Ministry Experience or Ministry Intensive ..................3
A History of Philosophy Course............................................................3
Foreign Language .................................................................................12
One of the following three: .................................................................3
CED 2213 Administration of Christian Education
CED 4153 Multiple Staff Ministry
CED 4163 Pastoral Leadership & Team Building
ACADEMIC PROGRAMS (THEO & MIN)

One of the following three: ................................................................. 3
C ED 3173  Survey of Children's Ministry
C ED 4133  Survey of Youth Ministry
C ED 4143  Survey of Adult Ministry

TOTAL HOURS 67

D. Missions Concentration
Core requirements (as listed above) 34 hours
MISS 2113  Introduction to Christian Missions ............................................ 3
MISS 2133  Nazarene Missions ................................................................. 3
MISS 4163  Theology of Christian Missions .................................................. 3
MISS 4183  Cultural Anthropology .............................................................. 3
MISS electives ................................................................. 9

TOTAL HOURS 55

E. Major – Minor
Core requirements (as listed above) 34 hours
B LT elective ................................................................. 3
PHIL 3103  History of Ancient & Medieval Philosophy, OR
PHIL 3113  History of Modern Philosophy [the course not taken above as required in all A.B. degrees in the School] ................. 3
An approved Minor in the School or in another department selected in consultation with the student's academic advisor ................. 15-18 hours

TOTAL HOURS 55-58

B.S. Degree Programs

The B.S. degree is available in two program areas within the School of Theology & Ministry, as follows:

The B.S. in Christian Education is designed for preparation for staff ministry. The program is structured to allow completion of educational requirements for ordination as Deacon in Christian Education in the Church of the Nazarene.

The B.S. in Theology & Ministry is designed for students who choose this option over the A.B. Theology & Ministry Concentration. Since this program does not include a requirement in foreign language, approval must be obtained from the Chair of the School by the end of the student's sophomore year.

Theology & Ministry Concentration for the B.S. degree is certified by the Office of Ministry of the Church of the Nazarene as meeting all requirements of the Ministerial Course of Study for the Elder Track.

All B.S. degree programs require three (3) hours of Philosophy beyond the General Education Core Philosophy course: either History of Ancient and Medieval Philosophy (PHIL 3103) or History of Modern Philosophy (PHIL 3113).

A. Christian Education
Core requirements (as listed above) 34 hours
C ED 2123  Foundations of Christian Education ........................................ 3
C ED 3323  Evangelism & Church Renewal .................................................. 3
C HS 2113  Nazarene History and Polity ...................................................... 3
C ED 4183 or 4383  Ministry Experience or Ministry Intensive ................. 3
A History of Philosophy Course ................................................................. 3

One of the following three: ................................................................. 3
C ED 2213  Administration of Christian Education
C ED 4153  Multiple Staff Ministry
C ED 4163  Pastoral Leadership & Team Building
(THEO & MIN) ACADEMIC PROGRAMS

One of the following three: ........................................................................................................3
C ED 3173 Survey of Children's Ministry
C ED 4133 Survey of Youth Ministry
C ED 4143 Survey of Adult Ministry
C ED electives ........................................................................................................................6
PSY or SOC elective ...................................................................................................................3
History of Philosophy course ..................................................................................................3
TOTAL HOURS 67

B. Theology & Ministry
Core requirements (as listed above) 34 hours
C ED 2123 Foundations of Christian Education ........................................................3
C HS 2113 History & Polity of the Church of the Nazarene ........................................3
[non-Nazarenes will do an alternative elective]
PRTH 3113 Fundamentals of Preaching........................................................................3
PRTH 3323 Evangelism and Church Renewal ..................................................................3
MISS 2113 Introduction to Christian Missions .................................................................3
PRTH 3223 Survey of Worship .......................................................................................3
PRTH 4143 Pastoral Care and Counseling .......................................................................3
PRTH 4163 Pastoral Leadership and Team Building .......................................................3
PRTH 4183 Ministry Experience .......................................................................................3
TOTAL HOURS 61

Multidisciplinary Degree Programs
Multidisciplinary program options are available to the students through the Theology & Ministry area, following the general guidelines provided earlier in this Catalog. Each program option requires a minimum of 60 hours in courses related to the student’s declared life objective and selected from more than one academic discipline. Approval to pursue a multidisciplinary degree option should be obtained through the chairs of each specified disciplinary area no later than the end of the student's sophomore year. Three options are available, as described below.

A. Generic Multidisciplinary Program
To pursue this option, a student develops a program of at least 60 hours in courses related to their declared life objective and selected from more than one specified academic discipline. A multidisciplinary major with Theology & Ministry as the chief component requires the following courses in the School:

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRTH 1113</td>
<td>Introduction to Ministry ........................................................3</td>
</tr>
<tr>
<td>Upper-division Biblical exegesis courses</td>
<td>..................................................6</td>
</tr>
<tr>
<td>[3 hours each in OT and NT]</td>
<td>..................................................6</td>
</tr>
<tr>
<td>THEO 3113</td>
<td>Old Testament Theology OR</td>
</tr>
<tr>
<td>THEO 3123</td>
<td>New Testament Theology......................................................3</td>
</tr>
<tr>
<td>THEO 3133</td>
<td>Doctrine of Holiness ............................................................3</td>
</tr>
<tr>
<td>Any two of the following four courses:</td>
<td>..................................................6</td>
</tr>
<tr>
<td>C HS 3123</td>
<td>Church History I OR C HS 3133 Church History II</td>
</tr>
<tr>
<td>THEO 4133</td>
<td>Systematic Theology I OR THEO 4143 Systematic Theology II</td>
</tr>
<tr>
<td>Upper-division Philosophy (including at least one History of Philosophy)</td>
<td>.......................6</td>
</tr>
<tr>
<td>Foreign or ancient language</td>
<td>..................................................6</td>
</tr>
</tbody>
</table>

Required Hours in Theology & Ministry 33

In addition to the above specified courses, the student must complete a minimum of 20 hours in a second designated area of the University, and have a total program concentration of no less than 60 hours.

B. Multidisciplinary Program in Christian Education and Music
A 60-hour multidisciplinary program in Music and Christian Education may be developed by students who wish to prepare for an associate ministry position. The program may be developed from either the School of Music or the School of Theology & Ministry, with some personal adaptations according to the
student's abilities and interests. A minimum of 20 hours is required in each area.

C. Multidisciplinary Program in Urban Ministry/Urban Studies

This structured program concentration, offered in conjunction with the Sociology Department, is designed for students wishing to invest their lives in urban ministry opportunities. Typically, students advised through the School of Theology & Ministry major in Urban Ministry, while students advised through the Department of Sociology major in Urban Studies. This program option leads to a B.S. degree and is intended to provide a basis for understanding, assessing, and responding to urban life and society. It is informed by an understanding of biblical and theological perspectives for compassionate ministry, and focuses on the development of skills in cross-cultural communication, personal counseling, and organizational development. For a listing of the specific course requirements, see the Urban Ministry/Urban Studies section.

Minors in the School of Theology & Ministry

Six options are available to students wishing to pursue a minor in one of the Theology and Ministry areas. Each option requires completion of a minimum of 15-18 hours, as specified below.

A. Theology

THEO 3113 Old Testament Theology .........................................................3
THEO 3123 New Testament Theology........................................................3
THEO 3133 Doctrine of Holiness ..............................................................3
PRTH 1113 Introduction to Ministry..........................................................3
Electives (chosen from upper division courses in the School).................6

B. Biblical Languages

Eighteen semester hours of credit in either Greek or Hebrew or a combination of both languages.

C. Christian Education

PRTH 1113 Introduction to Ministry .........................................................3
C ED 2213 Administration of Christian Education ......................................3
C ED 3323 Evangelism & Church Renewal................................................3
C ED 4163 Pastoral Leadership & Team Building......................................3
Electives (Selected from the following recommended options).................6
C ED 3173 Survey of Children’s Ministry
C ED 4133 Survey of Youth Ministry
C ED 4143 Survey of Adult Ministry

D. Cross-Cultural Ministry

Eighteen hours in Missions or missions-related courses. Nine hours must be upper division credit. These may be taken in the School or in an approved cross-cultural program, such as HEART Institute.

E. Urban/Inner City Ministry

PRTH 1113 Introduction to Ministry .........................................................3
THEO elective (upper division) ...............................................................3
MISS and/or PRTH electives .................................................................12
These elective hours may be taken in the School or in an approved Urban Studies program, such as Bresee Institute.

F. Philosophy

Fifteen hours in Philosophy, selected in consultation with the professor of Philosophy, and/or the Chair of the School of Theology & Ministry.
## URBAN MINISTRY/URBAN STUDIES
**PROGRAM**

This structured multidisciplinary program concentration is offered jointly through the Sociology Department and the School of Theology and Ministry. It requires completion of 60 hours, and is designed for students wishing to invest their lives in urban ministry opportunities. Typically, students advised through the School of Theology & Ministry major in Urban Ministry, while students advised through the Department of Sociology major in Urban Studies. This program option leads to a B.S. degree and provides a basis for understanding, assessing, and responding to urban life and society. It is informed by an understanding of biblical and theological perspectives for compassionate ministry, and focuses on the development of skills in cross-cultural communication, personal counseling, and organizational development. It should be noted that the general education options for those pursuing the Urban Ministry emphasis are the same as for other Theology & Ministry majors (i.e. completion of B LT 2163 Methods in Bible Study and THEO 2163 Introduction to Theology). The specific course requirements for the Urban Ministry/Urban Studies program are as follows.

### Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP C 4213/MISS 4213</td>
<td>Communication in Conflict Management</td>
<td>3</td>
</tr>
<tr>
<td>SP C 4233/MISS 4233</td>
<td>Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1113</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3133</td>
<td>Human Development</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1113</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3103</td>
<td>Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3153</td>
<td>Urban Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3173</td>
<td>Juvenile Delinquency</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Core Hours: 24**

### Required Ministry/Mission Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRTH 1113</td>
<td>Introduction to Ministry</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 4133</td>
<td>Church Growth and Christian Mission</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 4163</td>
<td>Pastoral Leadership and Team Building</td>
<td>3</td>
</tr>
<tr>
<td>THEO 3113</td>
<td>Old Testament Theology</td>
<td>3</td>
</tr>
<tr>
<td>THEO 3133</td>
<td>Doctrine of Holiness</td>
<td>3</td>
</tr>
<tr>
<td>MISS 3183</td>
<td>Ministry Experience</td>
<td>3</td>
</tr>
</tbody>
</table>

**One of the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>B LT 3243</td>
<td>Matthew and Mark</td>
</tr>
</tbody>
</table>

**One of the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>B LT 3253</td>
<td>Pauline Epistles</td>
</tr>
<tr>
<td>B LT 4193</td>
<td>General Epistles and Revelation</td>
</tr>
</tbody>
</table>

### Electives: (12 semester hours, as defined below)

**One to four courses from:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 3193</td>
<td>Criminology</td>
</tr>
<tr>
<td>SOC 3433</td>
<td>Death and Dying</td>
</tr>
<tr>
<td>SOC 4123</td>
<td>Sociology of the Family</td>
</tr>
<tr>
<td>SOC 4383</td>
<td>Social Stratification</td>
</tr>
<tr>
<td>SOC/MISS 4183</td>
<td>Cultural Anthropology</td>
</tr>
</tbody>
</table>

**One to four courses from:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 3113</td>
<td>Social Psychology</td>
</tr>
<tr>
<td>PSY 3203</td>
<td>Industrial/Organizational Psychology</td>
</tr>
<tr>
<td>PSY 4103</td>
<td>Abnormal Psychology</td>
</tr>
<tr>
<td>PSY 4213</td>
<td>Principles of Counseling</td>
</tr>
</tbody>
</table>

**Total Ministry/Mission Hours: 36**
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COURSE DESCRIPTIONS

DIVIDER PAGE
COURSE DESCRIPTIONS

Arrangement of Courses: All courses are listed in alphabetical order by course prefix.

Unit of Credit: The unit of credit is the semester hour, which requires the equivalent of one hour of class time a week for one semester. It is assumed that the student will spend approximately two hours in preparation for each hour in class.

Numbering System: The system of course numbers indicates the level of instruction and the amount of credit carried by the course. The first digit in the course number indicates its class rank (freshman, sophomore, junior, senior). The second and third digits distinguish the course from other courses on the same level. The last digit indicates the number of semester hours credit offered for the course. The levels of instruction are indicated as follows:

**Lower Division**
- 1000-1999 Courses primarily for freshmen.
- 2000-2999 Courses primarily for sophomores.

**Upper Division**
- 3000-3999 Courses primarily for juniors.
- 4000-4999 Courses primarily for seniors.

Upper division courses (those numbered 3000 and above) are generally not open to freshmen. Exception to this regulation will be made only when specific background has prepared the student for the advanced course desired. Some courses bear the number ‘0’ in the final sequence of digits. Those courses may represent program requirements that carry no additional hours of credit (such as recital attendance in music or student teaching seminar in education). Other ‘0-level’ courses are considered preparatory (such as the Strategies courses required for provisionally admitted students) and indicate that the student should expect to complete more than the minimum 124 hours in his/her overall program.

Course Offerings
- The University reserves the right to withdraw any course for which enrollment is insufficient to warrant its offering and to make any other change in courses offered that may be necessitated by changing conditions.

Summary of Course Prefixes
- The course descriptions provided in this section of the Catalog are listed alphabetically by non-abbreviated version of the course prefix. The table below is provided, therefore, to assist you in locating specific information about particular courses in which you may have an interest. In addition, information is provided indicating the name of the department/school responsible for scheduling and staffing the courses with a particular prefix. Details regarding the semesters and times during which a course is offered are published in the official Schedule of Classes.

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Abbreviation for courses in:</th>
<th>Supervising Dept/ School</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC</td>
<td>Accounting</td>
<td>Business</td>
</tr>
<tr>
<td>APMU</td>
<td>Applied Music</td>
<td>Music</td>
</tr>
<tr>
<td>ART</td>
<td>Art</td>
<td>Education/Music</td>
</tr>
<tr>
<td>AV</td>
<td>Aviation</td>
<td>Business</td>
</tr>
<tr>
<td>B LT</td>
<td>Biblical Literature</td>
<td>Theology &amp; Ministry</td>
</tr>
<tr>
<td>B ADM</td>
<td>Business Administration</td>
<td>Business</td>
</tr>
<tr>
<td>BIOL</td>
<td>Biology</td>
<td>Biology</td>
</tr>
<tr>
<td>C ED</td>
<td>Christian Education</td>
<td>Theology &amp; Ministry</td>
</tr>
<tr>
<td>Code</td>
<td>Program</td>
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<tr>
<td>CHS</td>
<td>Church History</td>
<td></td>
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<tr>
<td>CMUS</td>
<td>Church Music</td>
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<tr>
<td>CW</td>
<td>Creative Writing</td>
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<tr>
<td>CHEM</td>
<td>Chemistry</td>
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<tr>
<td>CS</td>
<td>Computer Science</td>
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<tr>
<td>ECO</td>
<td>Economics</td>
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<td>ED</td>
<td>Education</td>
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<tr>
<td>ENGL</td>
<td>English</td>
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<tr>
<td>FA</td>
<td>Fine Arts</td>
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<tr>
<td>FIN</td>
<td>Finance</td>
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<tr>
<td>FR</td>
<td>French</td>
<td></td>
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<tr>
<td>GS</td>
<td>General Studies</td>
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<td>GEOG</td>
<td>Geography</td>
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<tr>
<td>GK</td>
<td>Greek</td>
<td></td>
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<tr>
<td>HP</td>
<td>History or Political Science</td>
<td></td>
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<tr>
<td>KSM</td>
<td>Kinesiology &amp; Sport Mgmt.</td>
<td></td>
</tr>
<tr>
<td>M ED</td>
<td>Music Education</td>
<td></td>
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<tr>
<td>M TH</td>
<td>Music Theory</td>
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<tr>
<td>MATH</td>
<td>Mathematics</td>
<td></td>
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<tr>
<td>MCIJ</td>
<td>Mass Comm./Journalism</td>
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<tr>
<td>MENS</td>
<td>Music Ensembles</td>
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<tr>
<td>MGT</td>
<td>Management</td>
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<td>MISS</td>
<td>Missions</td>
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<tr>
<td>MKT</td>
<td>Marketing</td>
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<tr>
<td>NS</td>
<td>Natural Science</td>
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<tr>
<td>NURS</td>
<td>Nursing</td>
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<tr>
<td>PEG</td>
<td>Physical Education-Gen'l</td>
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<tr>
<td>PHIL</td>
<td>Philosophy</td>
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<tr>
<td>PHYS</td>
<td>Physics</td>
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<tr>
<td>PRTH</td>
<td>Practical Theology</td>
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<tr>
<td>PSY</td>
<td>Psychology</td>
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<tr>
<td>SNM</td>
<td>System Network Mgmt.</td>
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<td>SOC</td>
<td>Sociology</td>
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<td>SP C</td>
<td>Speech Communication</td>
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<td>SPAN</td>
<td>Spanish</td>
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<td>STAT</td>
<td>Statistics</td>
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<td>THEO</td>
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<td></td>
</tr>
<tr>
<td>ZOO</td>
<td>Zoology</td>
<td></td>
</tr>
</tbody>
</table>
ACCOUNTING (ACC)

ACC 2113 Principles of Accounting I  (3 Hours)
Basic principles of accounting: cycle, statements, accounting systems, and payroll.

ACC 2123 Principles of Accounting II  (3 Hours)
Prerequisite: Principles of Accounting I (ACC 2113).

ACC 2132 Personal Income Tax  (2 Hours)
Individual income tax preparation. Special emphasis on the 1040 tax return forms. No prerequisites or accounting background necessary.

ACC 3113 Intermediate Accounting I  (3 Hours)
An extensive treatment of financial statements, assets and current liabilities. Resource material includes professional standards.
Prerequisite: Principles of Accounting II (ACC 2123)

ACC 3123 Intermediate Accounting II  (3 Hours)
Prerequisite: Intermediate Accounting I (ACC 3113) or concurrent enrollment.

ACC 3133 Cost Accounting  (3 Hours)
Principles and procedures of cost accumulation emphasizing job order and process cost systems. Resource material includes professional standards.
Prerequisite: Principles of Accounting II (ACC 2123) or concurrent enrollment.

ACC 3143 Cost Analysis  (3 Hours)
Standard cost, budgets, cost control, and profit analysis. Resource material includes professional standards.
Prerequisite: Principles of Accounting II (ACC 2123).

ACC 3153 Income Tax for Individuals  (3 Hours)
Study of IRC and the IRS procedures including individual income tax preparation, special provisions, and tax research.

ACC 3163 Managerial Accounting  (3 Hours)
Study of internal accounting for managerial decision-making. Topics include financial statement analysis, budget analysis, gross profit analysis and various decision-making applications.
Prerequisite: Principles of Accounting II (ACC 2123).

ACC 4113 Management Information Systems  (3 Hours)
This course is concerned with the design of information systems required for management decision making. Problems of communication, information theory, document flow, and internal control are considered. The integration of data into a total information system is the ultimate consideration. The role and use of computers is emphasized.

ACC 4123 Advanced Accounting  (3 Hours)
Partnership, Fiduciary and Fund accounting. Resource material includes professional standards.
Prerequisite: Intermediate Accounting II (ACC 3123).

ACC 4133 Auditing  (3 Hours)
Study of basic auditing standards and principles. (Cannot be taken by arrangement.) Resource material includes professional standards.
Prerequisite: Intermediate Accounting II (ACC 3123).

ACC 4143 Consolidated Statements  (3 Hours)
Consolidated balance sheets and income statements embracing wholly and partly owned subsidiaries, intercompany sales, purchases, and bonds. Intercompany profit on inventories and fixed assets, gain or loss on sale of part or entire controlling interest. Resource material includes professional standards.
Prerequisite: Intermediate Accounting II (ACC 3123).
COURSE DESCRIPTIONS

ACC 4153  Income Tax for Business & Fiduciary Entities  (3 Hours)
Study of IRC and IRS procedures dealing with corporate and partnerships income taxation, property
transactions, and tax implication of estates and trusts.

ACC 4173  Not-For-Profit Accounting  (3 Hours)
Fund accounting procedures for governmental, universities, health care organizations and other
not-for-profit organizations. Resource material includes professional standards.
Prerequisite: Principles of Accounting II (ACC 2123).

ACC 4181-3 Internship/Directed Study  (1-3 Hours)
Individual study of problems or reading in accounting.
Prerequisite: 12 hours of accounting, permission of the instructor, and 3.00 G.P.A.

APPLIED MUSIC  (APMU)
Individual lessons are offered in Voice, Piano, Organ, Woodwind, Brass, Strings and
Percussion. One hour of credit in Applied Music requires a minimum of four to six hours a
week of practice. The applied grade is based on practice and achievement. The student must
attend 75 percent of the regular lessons to receive a grade. Private lessons in Applied Music
are 30-minute periods.

APMU 1001  Beginning Guitar Class  (1 Hour)
Study of basics of guitar.

APMU 1011  Beginning Strings Class  (1 Hour)
Study of basic string techniques.

APMU 1101-2  Preparatory Level  (1-2 Hours)
Private instruction for non-music majors. May be repeated.

APMU 1111  Class Voice-Adult Beginners  (1 Hour)
Study of basic concepts of voice production.

APMU 1121  Class Voice-Adult Intermediate  (1 Hour)
Continuation of Class Voice, Adult Beginner (APMU 1111).

APMU 1131-2  Piano  (1-2 Hours)
Private instruction. May be repeated.

APMU 1141  Class Piano-Adult Beginners  (1 Hour)
Study of the basic concepts in keyboard techniques. Basic beginning skills of keyboard playing.

APMU 1151  Class Piano-Adult Intermediate  (1 Hour)
Continuation of 1141.

APMU 1161  Class Piano-Adult Advanced  (1 Hour)
Continuation of 1151 plus beginning repertoire.

APMU 1601-4  Private Lessons  (1-4 Hours)
Private instruction. May be repeated.

APMU 2400  Enrichment Seminar  (0 Hours)
A weekly, interactive seminar for Music majors and minors in their primary performing area, linked
to their private study. Sessions include performance opportunities and guest lecturers in various
fields of music. Majors enroll for eight semesters; minors enroll for three semesters.

APMU 3141  Junior Level Recital  (1 Hour)
Students must achieve and enroll in 3141 the semester the junior recital is presented. The program
should be approximately 25 minutes of music. Evaluation is based on the student's performance of
the recital, and the final grade is given by a committee of the faculty.

APMU 4141  Senior Level Recital  (1 Hour)
A student working toward the B.S. with Emphasis in Performance degree must enroll in this course
the semester the senior recital is presented. The program should be approximately 50 minutes of
music. Evaluation is based on the student's performance of the recital, and final grade is given by a
faculty committee.
ART (ART)

ART 2123 Introduction to Fine Arts (3 Hours)
A General Education CORE course. An exploration of the art, architecture, music, sculpture, and popular culture in various periods of the Western tradition. Emphasis will be given to cultural field experiences in the arts using the resources of the metropolitan Oklahoma City area. One freshman semester completed or Enrichment Track III student (may enroll with no pre-requisite). Intro. to World Civ. (HP 2003) recommended.
Prerequisite: One freshman semester completed or Enrichment Track III student (may enroll with no prerequisite). Intro. to World Civilization (HP 2003) recommended.

ART 2302 Commercial Art I (2 Hours)
A study of the relationship between the verbal and visual elements of communication, including layout, typography, design and production processes.

ART 2332 Photography (2 Hours)
A study of basic photography equipment and history with an emphasis on camera operation and composition. 35mm camera required.

ART 3153 Promotional Strategies (3 Hours)
An introductory course in advertising which involves the history of advertising, social and economic aspects of advertising, the advertising message, the advertising media, the advertising organization, and the background and planning of advertising strategy.

ART 3383 Desktop Publishing (3 Hours)
An introductory computer and design class. Students will be taught how to use the latest Mac computers and desktop publishing programs including Pagemaker, Microsoft, Photoshop, and others (as purchased). Course emphases are layout and design, typography, spot color and 4-color printing, web design and presentation graphics.

ART 3582 Art in the Elementary School (2 Hours)
A course in art methods for elementary classroom teachers, and a study of characteristics and developmental stages of children and their art.

AVIATION (AV)

AV 1113 Primary Ground Instruction (3 Hours)
The student will obtain the aeronautical knowledge necessary to meet the requirements of Federal Aviation Regulation 61.105(a) to take the private pilot written test. Subject matter includes basic aerodynamics, aircraft systems, airspace and communications, map reading, flight planning, meteorology, physiological considerations, airmanship, emergency procedures, flight safety, and federal aviation regulations. The appropriate FAA written examination will be the final examination for this course.
Prerequisite: Enrolled in or completed Primary Ground Instruction (AV 1113).

AV 1123 Primary Flying (3 Hours)
The student will complete the aeronautical experience requirements for a private pilot certificate as specified in Federal Aviation Regulation 61.109. A minimum of 40 hours of flight time and a checkride with an FAA examiner is required to obtain a private pilot's license. Instruction will be in accordance with the FAA's practical test standards in preparation for successful completion of the FAA checkride, which will be the final examination for this course.
Prerequisite: Enrolled in or completed Primary Ground Instruction (AV 1113).

AV 3113 Instrument Ground Instruction (3 Hours)
The student will obtain the aeronautical knowledge necessary to meet the requirements of Federal Aviation Regulation 61.65(b). Subject matter includes flight instruments, air traffic control system, approach charts, instrument approaches, meteorology, flight planning, airmanship, emergency procedures, flight safety, and federal aviation regulations. The appropriate FAA written examination will be the final examination for this course.
Prerequisite: Primary Ground Instruction (AV 1113) and enrolled in or completed Primary Flying (AV 1123).
COURSE DESCRIPTIONS

AV 3123  Instrument Flying  (3 Hours)
The student will obtain the aeronautical skill and experience necessary to meet the requirements for an instrument rating as specified in Federal Aviation Regulation 61.65(c). A minimum of 125 hours of flight time and a checkride with an FAA examiner is required to obtain an instrument rating. Instruction will be in accordance with the FAA’s practical test standards in preparation for successful completion of the FAA checkride, which will be the final examination for this course.
Prerequisite: Primary Flying (AV 1123) and Enrolled in or completed Instrument Ground Instruction (AV 3113).

AV 3133  Commercial Ground Instruction  (3 Hours)
The student will obtain the aeronautical knowledge necessary to meet the requirements of Federal Aviation Regulation 61.125(a). Subject matter includes advanced aerodynamics, predicting airplane performance, controlling weight and balance, advanced airplane systems, commercial flight maneuvers, airmanship, emergency procedures, flight safety, and federal aviation regulations. The appropriate FAA written examination will be the final examination for this course.
Prerequisite: Instrument Ground Instruction (AV 3113) and enrolled in or completed Instrument Flying (AV 3123).

AV 3143  Commercial Flying I  (3 Hours)
The student will begin to obtain the aeronautical skill and experience necessary to meet the requirements for a commercial pilot’s certificate as specified in Federal Aviation Regulation 61.127(a). A minimum of 250 hours of flight time and a checkride with an FAA examiner is required to obtain a commercial pilot’s certificate. Instruction will be in accordance with the FAA’s practical test standards in preparation for successful completion of the FAA checkride. Approximately 65 flight hours will be obtained during this course.
Prerequisite: Instrument Flying (AV 3123) and enrolled in or completed Commercial Ground Instruction (AV 3133).

AV 3153  Commercial Flying II  (3 Hours)
The student will complete obtaining the aeronautical skill and experience necessary to meet the requirements for a commercial pilot’s certificate as specified in Federal Aviation Regulation 61.127(a). A minimum of 250 hours of flight time and a checkride with an FAA examiner is required to obtain a commercial pilot’s certificate. The remaining flight hours will be obtained during this course. Instruction will be in accordance with the FAA’s practical test standards in preparation for successful completion of the FAA checkride, which will be the final examination for this course.
Prerequisite: Instrument Flying (AV 3123), Commercial Ground Instruction (AV 3133), and Commercial Flying I (AV 3143).

AV 4121  Multi-Engine Flying  (1 Hour)
The student will receive instruction for an additional class rating in Multi-Engine airplanes as required in Federal Aviation Regulation 61.63(c). Instruction will be in accordance with the FAA’s practical test standards in preparation for successful completion of the FAA checkride, which will be the final examination for this course.
Prerequisite: Primary Flying (AV 1123).

AV 4132  Certified Flight Instructor  (2 Hours)
The student will receive instruction for a Flight Instructor Certificate as required by Federal Aviation Regulations 61.185 and 61.187. Instruction will be in accordance with the FAA’s practical test standards in preparation for successful completion of the FAA checkride, which will be the final examination for this course.
Prerequisite: Commercial Flying II (AV 3153).

AV 4141  Certified Flight Instrument Instructor  (1 Hour)
The student will receive instruction for Instrument Flight Instructor Certificate as required by Federal Aviation Regulations 61.185 and 61.187. Instruction will be in accordance with the FAA’s practical test standards in preparation for successful completion of the FAA checkride, which will be the final examination for this course.
Prerequisite: Enrolled in or completed Certified Flight Instructor (AV 4132).
AV 4151  Multi-Engine Instructor (1 Hour)
The student will receive instruction for Multi-Engine Flight Instructor Certificate as required by Federal Aviation Regulation 61.191. Instruction will be given in accordance with the FAA's practical test standards in preparation for successful completion of the FAA checkride, which will be the final examination for this course.
Prerequisite: Certified Flight Instructor (AV 4132) and Enrolled in or completed Multi-Engine Flying (AV 4121).

AV 4181-3  Internship/Directed Study (1-3 Hours)
The student will complete an internship or individual study in an aviation related field or discipline to be approved by the Director of Aviation.

BIBLICAL LITERATURE (B LT)
B LT 1163  Introduction to Biblical Literature (3 Hours)
A General Education course. An introduction to the basic narrative line of the Bible. Significant characters, events, and themes will be the focus along with study of the way the Biblical literature functions in the formation of faith.

B LT 2163  Methods in Biblical Study (3 Hours)
An introduction to exegetical theology and methodology. Instruction in writing exegetical papers will precede the major written exegetical project. This course is the prerequisite for all upper division Bible literature courses for Theology & Ministry majors. This course substitutes for the General Education CORE course requirement Intro. to Biblical Interpretation (B LT 3013) for all majors in the School of Theology & Ministry.

B LT 3013  Introduction to Biblical Interpretation (3 Hours)
A General Education CORE course for all majors outside the School of Theology & Ministry. An introduction to the study of the Bible with emphasis on the methods, perspectives, and resources of study appropriate for various kinds of Biblical Literature. The emphasis will be on prophetic, wisdom, and epistolary portions of the Bible.
Prerequisite: Introduction to Biblical Literature (B LT/GS 1163) required. Intro. to Literature (ENGL 2413) recommended.

B LT 3113  Pentateuchal Narratives (3 Hours)
An exegetical study of the narrative literature in the books of Genesis and Exodus focusing especially on the theological interpretation of Israel's origin and early history including the concepts of creation, sin, promise, election and deliverance. The role of these narratives in the Pentateuch and the larger Old Testament canon will also be examined.
Prerequisite: For majors in the School of Theology & Ministry: Intro. to Biblical Literature (B LT 1163), and Methods in Biblical Study (B LT 2163).

B LT 3123  Historical Books: The Former Prophets (3 Hours)
A study of the books of the Former Prophets focusing on the historical setting of the Hebrew Commonwealth and Israelite Monarchy, the development of oral and literary traditions interpreting that history and the theological implications of the canonical form of those traditions. This course includes the books of Joshua, Judges, 1 and 2 Samuel, and 1 and 2 Kings.
Prerequisite: For majors in the School of Theology & Ministry: Intro. to Biblical Literature (B LT 1163) and Methods in Biblical Study (B LT 2163).

B LT 3233  The Bible as Literature (3 Hours)
The examination of literary types within the Bible, with attention given to writers' narrative, poetic, and dramatic techniques.
Prerequisite: GSE: Introduction to Literature (ENGL 2413) or permission of instructor.

B LT 3243  Matthew and Mark (3 Hours)
A study of the life and teachings of Jesus as presented in these two Synoptic Gospels, with special attention to their literary relationships, and the uniqueness of their respective portrayals of Jesus.
Prerequisite: For majors in the School of Theology & Ministry: Intro. to Biblical Literature (B LT 1163) and Methods in Biblical Study (B LT 2163).

B LT 3253  Pauline Epistles (3 Hours)
A study of the life and teachings of the Apostle Paul as presented in his epistles, supported by the narrative of his mission activity in the Acts of the Apostles.
Prerequisite: For majors in the School of Theology & Ministry: Intro. to Biblical Literature (B LT 1163) and Methods in Biblical Study (B LT 2163).
COURSE DESCRIPTIONS

B LT 4123  8th & 7th Century Prophets  (3 Hours)
An exegetical study of the prophetic literature of the 8th and 7th centuries B.C., focusing on the
major themes of prophetic preaching, the phenomena of prophecy and the prophetic response to
history. This course includes the books of Amos, Hosea, Micah, Isaiah 1-39, with some attention to
Nahum, Habakkuk, Zephaniah and Joel.
Prerequisite: For majors in the School of Theology & Ministry: Intro. to Biblical Literature (B LT
1163) and Methods in Biblical Study (B LT 2163).

B LT 4173  Johannine Literature  (3 Hours)
An investigation of the characteristics, purposes, and central themes of the gospel and epistles of
John.
Prerequisite: For majors in the School of Theology & Ministry: Intro. to Biblical Literature (B LT
1163) and Methods in Biblical Study (B LT 2163).

B LT 4181-3  Directed Study  (1-3 Hours)

B LT 4193  General Epistles & Revelation  (3 Hours)
A literary, cultural and theological analysis of the Epistle to the Hebrews, the Epistles, of James,
Jude and Peter, and the book of Revelation.
Prerequisite: For majors in the School of Theology & Ministry: Intro. to Biblical Literature (B LT
1163) and Methods in Biblical Study (B LT 2163).

B LT 4213  Poetic and Wisdom Literature  (3 Hours)
An exegetical study of the Psalms and Wisdom Literature of the Old Testament, focusing on the
literary form, the social and religious milieu and the theological significance of selected Psalms, the
books of Proverbs, Job and Ecclesiastes, as well as a brief survey of extra-canonical wisdom
literature.
Prerequisite: For majors in the School of Theology & Ministry: Intro. to Biblical Literature (B LT
1163) and Methods in Biblical Study (B LT 2163).

B LT 4273  Luke-Acts  (3 Hours)
A study of the Lukan writings as a literary unit which covers the history of the Gospel from its
beginnings in the life and ministry of Jesus through its proclamation to the world in the life and
ministry of the Early Church. Attention will be given to the literary relations between Luke and the
other Synoptic Gospels, as well as to the unifying themes of Luke-Acts.
Prerequisite: For undergraduate majors in the School of Theology & Ministry: Intro. to Biblical
Literature (B LT 1163) and Methods in Biblical Study (B LT 2163).

BIOLOGY  (BIOL)
BIOL 1113  Introduction to Biological Science  (3 Hours)
A course for non-science majors, emphasizing human aspects of biology—especially the human
body and health, and human interaction with and responsibility for the environment. Two
lecture/discussion periods and two hours of lab experience per week.

BIOL 2124  Microbiology  (4 Hours)
A study of pure culture methods of analysis and the morphology and physiology of bacteria and
other microorganisms. Three lectures and one four-hour lab per week.
Prerequisite: General Zoology (ZOO 1115) or Human Anatomy (BIOL 2224), and four hours in
Chemistry or permission of instructor.

BIOL 2224  Human Anatomy  (4 Hours)
A systematic study of human body structure with an emphasis on understanding how structure
determines function. The basic organization of the body at the level of cells, tissues, organs, systems,
and the organism are explored. Embryology, the integration, communication, transport and
relatedness between systems, and health applications are also discussed. Laboratory experiences
include study of the human cadaver. Three 50-minute lectures and one 3-hour lab per week.
Prerequisite: GSE: no prerequisite.

BIOL 2234  Human Physiology  (4 Hours)
A systematic study of how the human body functions. All aspects of function, beginning with the
physical, chemical, and cellular levels and continuing into overall integrated functions of organs,
systems, and whole organism are investigated. A clear understanding of normal physiology aids in
illuminating how abnormal physiological function leads to human disease. Three 50 minute lectures and one 3-hour lab per week.

**Prerequisite:** General Chemistry (CHEM 1124/1224) and Human Anatomy (BIOL 2224).

**BIOL 2321-3  Introduction to Research in Biology (1-3 Hours)**

Hands-on experience in biological research, under the supervision of member of the Biology faculty. Students will develop foundational skills necessary for carrying out future independent research projects. Course content will include introduction to literature search, experimental design, data collection/analysis/presentation, and exposure to numerous research techniques. This course is graded on a pass-fail basis and can be taken a maximum of two semesters for credit.

**Prerequisite:** One semester of a biological science and permission of the supervising faculty member.

**BIOL 3014  Land Resources Au Sable (4 Hours)**

Systems level perspective on land forms and ecosystems. Includes analysis and interpretation of on-site data recorded in the field and remote-sensing data derived from satellite and low altitude aerial imagery. Field trips to and analysis of forests, marshes, bogs, dunes and rivers. Includes application to policy and land use planning.

**Prerequisite:** One year of introductory science.

**BIOL 3024  Water Resources Au Sable (4 Hours)**

Field study of lakes and other freshwater systems with applications to planning and management. Includes an introduction to limnology and investigation of representative lakes, streams and other wetlands of the region and compares the North American Great Lakes with the other great lakes of the world and their stewardship.

**Prerequisite:** One year of general biology and one year of general chemistry.

**BIOL 3044  Natural Resources Practicum Au Sable (4 Hours)**

Environmental analysis and natural resources in relation to people and policy. The focus is on generation and deposition of wastes and groundwater stewardship. It employs guest experts and on-site field experience with the issues in the local region and the metropolitan and industrial areas of Chicago, Illinois and Gary, Indiana. Emphasis is on first-hand observation and experience. Enrollment in Natural Resources Practicum (BIOL 3044) or Environmental Chemistry (CHEM 3324) is required of all Au Sable Fellows.

**BIOL 3053-4  Tropical Biology QERC (3-4 Hours)**

A course designed to acquaint the student with basic biological principles as they apply to a specific biome. Floral, faunal, conservation and ecological principles are emphasized. A research paper is required. Offered in some mini-terms and summers. The four-hour component includes work on-site at the QERC.

**Prerequisite:** Permission of instructor.

**BIOL 3104  Field Botany Au Sable (4 Hours)**

Field identification and ecology of vascular plants as components of natural communities in Michigan. Emphasis is placed upon on-site examination of plants in communities such as bog, dune, forest, marsh, meadow and swamp. Plants difficult to study under field conditions will be brought to the lab for dissection and identification. Ecological features such as community stratification and plant zonation along ecological gradients will be examined. Will apply to the 25 hours above the Biology core.

**Prerequisite:** One semester of Botany or one year of General Biology.

**BIOL 3115  Comparative Anatomy (5 Hours)**

The phylogeny of the vertebrates and their anatomy and developmental homologies from a comparative standpoint. A basic course for students in pre-professional health fields and all Biology students. Three lectures and two, three-hour laboratory sessions per week.

**Prerequisite:** General Zoology (ZOO 1115) or equivalent.

**BIOL 3124  Genetics (4 Hours)**

Classical and molecular genetics, population genetics, and cytogenetics are studied through lecture and discussion. Student laboratory investigations are conducted with Drosophila melanogaster; Caenorhabditis elegans; and Escherichia coli; and students karyotype their own cells. P.C.R. and gel electrophoresis are introduced. Three lectures and three hours of lab per week.

**Prerequisite:** General Zoology (ZOO 1115) or General Botany (Botany 1114).
**BIOL 3134 Winter Biology Au Sable** (4 Hours)
Biology and environment of northern Michigan plants and animals in winter condition. Lectures, films, and field experience.
**Prerequisite:** One course in Biology.

**BIOL 3154 General Ecology** (4 Hours)
A study of the dynamics of organismal interactions with each other and their environment. Field work will constitute a major part of the lab work. Two lectures and one four-hour lab per week.
**Prerequisite:** General Zoology (ZOO 1115), General Botany (BOT 1114), and consent of instructor. GSE: permission of instructor.

**BIOL 3163 Tropical Ecology QERC** (3 Hours)
An amplification of BIOL 3154 to the tropical biome. Emphasis is placed on altitudinal zonations with respect to associated climatological and biotic features. A research problem in some phase of tropical ecology is required.
**Prerequisite:** General Zoology (ZOO 1115), General Botany (BOT 1114), and General Ecology (BIOL 3154) or permission of instructor. GSE: high school science background.

**BIOL 3173 Plant Taxonomy** (3 Hours)
An introduction to the terminology and methodology involved in the identification of plants. Emphasis will be placed on the angiosperms. A plant collection will be required. One lecture and four hours of field or laboratory work per week.

**BIOL 3193 Origins** (3 Hours)
A multi-disciplinary search for the origins of the universe, galaxies, our solar system, earth, life, diversity of living organisms, and the human body. The fields of nuclear physics, astronomy, geology, paleontology, comparative anatomy, genetics, cell and molecular biology, and biochemistry inform the search for physical origins. Metaphysical questions about origins are informed by scholars in Biblical analysis, theology, philosophy, and literature. Each student will develop an annotated bibliography and a scholarly paper integrating course content with his/her own worldview.
**Prerequisite:** One college science course or permission of instructor. GSE: junior standing.

**BIOL 3204 Advanced Physiology** (4 Hours)
A systematic study of the function of vertebrate body systems from the cellular level up to the organism level. Clinical examples will be discussed to illuminate physiological processes. Laboratory studies will demonstrate research techniques and augment theoretical concepts. Three lectures and three hours of laboratory experience per week.
**Prerequisite:** General Zoology (ZOO 1115), General Chemistry (CHEM 1124), and Cell and Molecular Biology (BIOL 4283) or permission of instructor.

**BIOL 3213 Ornithology** (3 Hours)
A course designed to acquaint the student with basic avian biology and ecology and the techniques involved in field identification. Field laboratories will be conducted in conjunction with the lecture presentation. One lecture and three hours of field work per week. Field laboratories normally commence at daybreak on Saturdays.
**Prerequisite:** GSE: high school science background.

**BIOL 3224 Aquatic Biology Au Sable** (4 Hours)
A field course which involves collecting, culturing, identifying and preserving aquatic plants and animals. Emphasis is put upon water as a habitat, adaptation of organisms and species interaction. Ramifications of human impacts receive special attention. Will apply to the 25 hours above the Biology core.
**Prerequisite:** General Zoology (ZOO 1115) and General Botany (BOT 1114).

**BIOL 3233 Entomology** (3 Hours)
A study of the taxonomy, anatomy, and life histories of the orders and representative families of insects. Lectures, student reports, video tapes and laboratory work are included. A sizable collection of classified insects or photographic documentation of extensive field work is required.
**Prerequisite:** General Zoology (ZOO 1115) or equivalent.

**BIOL 3241-4 Special Topics in Biology** (1-4 Hours)
Contains courses or topics not offered on a regular basis, but on student demand or in the event of special field trips. Possibilities include invertebrate zoology, plant morphology & anatomy, and
physical anthropology. Interest in class enrollment must be indicated prior to semester course will be offered.

**BIOL 3253  Special Topics in Tropical Biology  (3 Hours)**
As in BIOL 3243 but applied to a tropical setting. Topic might include microbiology, sea-turtle biology, deforestation problems and solutions, research topics and cloud-forest biology, and studies in tropical agro-ecosystems.

**Prerequisite:** Tropical Ecology QERC (BIOL 3163).

**BIOL 3263  Cell and Molecular Biology  (3 Hours)**
A study of the structure and function of cells, including the ultra-structure and roles of cytoplasmic and nuclear components. Nucleocytoplasmic relations and intermediary metabolic pathways will be covered. Three lectures per week.

**Prerequisite:** General Chemistry I & II (CHEM 1124/1224).

**BIOL 3264  Animal Ecology Au Sable  (4 Hours)**
Interrelationships between animals and their biotic and physical environments, emphasizing behavioral aspects. A field course that centers on the ecology of northern Michigan fauna from a stewardship perspective. Included are individual student projects.

**Prerequisite:** One year of introductory science.

**BIOL 3304  Woody Plants Au Sable  (4 Hours)**
Taxonomy, ecology, management, and stewardship of trees and shrubs. Presents the systematic botany of local woody flora including identification by foliage, twigs, wood, and bark, and trees of major economic and ecological importance worldwide. Given in the context of ethical and global questions of deforestation, global warming trends, old growth forest values, lumbering, forest ecosystem restoration, and land stewardship.

**Prerequisite:** One year of General Biology or one semester of Botany.

**BIOL 3314  Ecological Agriculture Au Sable  (4 Hours)**
Environmental analysis and natural resources in relation to people and policy. The focus of the course is on ethnobotany, ecological agriculture, and land stewardship. It employs a discussion format both in classroom and field settings. Its emphasis is grappling with difficult practical and ethical problems and issues that require deep and persistent thought. Enrollment in Ecological Agriculture, Environmental Chemistry, a Natural Resources Practicum or a Stewardship Practicum is required of all Au Sable Fellows.

**BIOL 3324  Insect Biology & Ecology Au Sable  (4 Hours)**
A study of insect taxonomy, ecology, life histories, and economic importance. Special attention is given to environmental stewardship issues including use of insecticides, biological control, integrated pest management, and impact of cultivation on formation of pest faunas. Field methods are stressed.

**Prerequisite:** One year of General Biology or one semester of General Zoology (ZOO 1115).

**BIOL 3424  Fish Biology & Ecology Au Sable  (4 Hours)**
Identification, ecology, exploitation and stewardship of fishes and their habitats. Field studies include non-commercial and commercial fisheries in the Great Lakes region, ecological dynamics of fisheries exploitation and population ecology, fishing techniques, and fishing rights and regulation.

**BIOL 3464  Winter Stream Ecology Au Sable  (4 Hours)**
The geological, physical and chemical features of streams in winter, with a focus on ecological interactions and applications to the stewardship of streams and watersheds. Students enrolled in this course may not be simultaneously enrolled in a recreation course. Will apply to the 25 hours above the Biology core.

**Prerequisite:** General Zoology (ZOO 1115) and General Botany (BOT 1114).

**BIOL 3483  Advanced Human Anatomy: Cadaver Dissection  (3 Hours)**
An intensive course designed primarily for pre-medical, pre-dental and allied health students in the last semester before they enter professional school. One hour of lecture and two hours of scheduled laboratory work per week. Dissection requires additional hours outside of lab time. Enrollment limited to 12 (priority to senior students).

**Prerequisite:** Comparative Anatomy of the Vertebrates (BIOL 3115) and permission of instructor.

**BIOL 3504  Environmental Ethics Au Sable  (4 Hours)**
Contemporary problems of environmental stewardship are investigated, including use of renewable and non-renewable natural resources, pollution, appropriate land use and development, third world
concerns and preservation of wild nature. These problems are set in a historical perspective of human relationships to the natural environment, especially as this relationship is viewed in the light of Christian thought and doctrine. Current attempts to develop a theology of nature and principles of Christian stewardship are considered.

**BIOL 4133 Tropical Microbiology QERC (3 Hours)**
An investigation into the importance and presence of microorganisms in a tropical environment. Characteristics and types of known fungi and bacteria will be studied. Students will describe fungi and bacteria cultured and isolated in Costa Rica. A final paper will consist of literature research on known tropical microorganisms and documentation of field experiences and data collection in Costa Rica.

**Prerequisite:** General Zoology (ZOO 1115) and General Botany (BOT 1114) or one year of introductory Biology or permission of instructor.

**BIOL 4143 Molecular Genetics (3 Hours)**
A study of the regulatory mechanisms governing gene expression in both prokaryotic and eukaryotic cells and their viruses. Alterations in normal eukaryotic genetic regulatory mechanisms that result in oncogenetic transformation will also be explored.

**Prerequisite:** Genetics (BIOL 3124), Cell and Molecular Biology (BIOL 3263), and Biochemistry (CHEM 3133/3134), or permission of instructor.

**BIOL 4163 Animal Behavior (3 Hours)**
An introduction to the study of animal behavior through discussion, observation, and experimental methods. Laboratory periods will involve the learning of observation techniques and the conducting of an individual behavioral research project. A paper will be required at the completion of the project. Two lectures and one three-hour lab per week.

**Prerequisite:** General Zoology (ZOO 1115) or a course in Psychology.

**BIOL 4174 Natural History of the Vertebrates (4 Hours)**
Taxonomy, behavior, distribution, and ecology of the vertebrates with emphasis on the Oklahoma fauna. Several field trips to portions of Oklahoma will be taken during the spring, during which collections will be made. Field trip fees will be collected by the department. Two lectures and a minimum of four hours lab work per week.

**BIOL 4181-3 Research in Biology (1-3 Hours)**
Students will engage in personal, independent research on a topic of interest selected in consultation with a biology faculty member. May include laboratory or field research in such arenas as ecology, taxonomy, microbiology, molecular biology, biochemistry, biophysics, or others of interest. The research will be of independent nature allowing the student to exercise a maximum amount of creativity, discipline, and scientific integrity. The student will perform a literature search, do experimental design and carry out the research plan. A major paper will be developed and the results presented in a public forum in professional format.

**Prerequisite:** Intro. to Research in Biology (BIOL 2321-2) and/or permission of consulting faculty member.

**BIOL 4262 Human Histology (2 Hours)**
Students view videotapes and professor-narrated photographic and microscope slides of representative epithelia, muscle, nerve and connective tissues, and their appearance in the major organ systems. Laboratory work consists of microscope identification and study of tissues sections and consultation with the instructor. One lecture and two hours of laboratory work per week.

**Prerequisite:** General Zoology (ZOO 1115) and/or a vertebrate or human anatomy course.

**BIOL 4272 Human Embryology (2 Hours)**
A basic course in human embryonic and fetal development, from conception to parturition. The first one-third of the course is a general overview, followed by a more detailed systemic analysis of development. Some consideration is given to spontaneous and environmentally-induced abnormalities.

**Prerequisite:** Genetics (BIOL 3124) and/or Comparative Anatomy of the Vertebrates (BIOL 3115) and consent of instructor.

**BIOL 4292 Immunology (2 Hours)**
A study of the immune system including immunobiology, allergy and hypersensitivity; immunosuppression, serology, immunodeficiency, autoimmunity, transplantation and tumor immunology.

**Prerequisite:** 15 hours of Biology including Microbiology (BIOL 2124) and Organic Chemistry I (CHEM 3114) or permission of instructor.
Biol 4391  Molecular Biology Lab  (1 Hour)
A laboratory course designed to provide practical experience with modern methodologies of genetic engineering. Theoretical and practical aspects of DNA isolation, manipulation, and cloning, polymerase chain reactions, blot hybridization analysis, and basic electrophoretic techniques are explored.

Biol 4714  Conservation Biology Au Sable  (4 Hours)
Principles of conservation biology with applications to sustainable human society and biospheric integrity. An integrative approach to biology and society that interrelates population biology, ecological principles, biogeochemical cycles, ecosystem functions, and human society in the context of biospheric degradation. The course develops a stewardship perspective rooted in biological principles and directed at conservation of plant and animal species, biotic communities, ecosystems, and human society. Included are topics of human development, poverty, and economic growth. One year in Biology and one course in Ecology or permission of professor.
Prerequisite: One year in Biology and one course in Ecology or permission of professor.

Biol 4774  Plant Ecology Au Sable  (4 Hours)
Interrelationships between plants and their physical and biotic environments; plant-animal interactions; plant community composition and development; and modern methods of ordination and quantitative analysis with applications to conservation and stewardship
Prerequisite: One year of Biology and one course in Ecology.

Botany (BOT)

Bot 1114  General Botany  (4 Hours)
A basic course involving the study of the morphology, physiology, and life history of plants. Three lectures and one four-hour lab per week.

Business Administration (BADM)

BADM 1113  Introduction to Business  (3 Hours)
A survey of the field of business. How business is owned, organized, managed, and controlled. Marketing, management, banking, securities, insurance, government regulations and international business are surveyed.

BADM 2113  Computer Applications for Decision Making  (3 Hours)
Second computer course for non-computer science majors, designed to use spreadsheet analysis in decision-making. Objective to advance spreadsheet knowledge to a level of extensive problem solving skills.
Prerequisite: Computing Today (CS 1113) or spreadsheet skills.

BADM 3103  Business Communication  (3 Hours)
Principles of effective communication in a business environment. Practice in the preparation of letters, reports, and other forms of business writing. Course also includes a study of communication variables and barriers to effective communication in a business organization.
Prerequisite: Composition II (ENGL 1213).

BADM 3113  Business Law I  (3 Hours)
A study of the law of business and its administration. The interaction of government, business and society, contracts, personal property, bailments, and sales. The emphasis in the course is upon contracts, and the influence of the UCC.

BADM 3123  Business Law II  (3 Hours)
A continuation of Business Law I. Commercial planning, creditor’s rights, secured transactions, agency and employment partnerships, special ventures, and corporation. Real property, estates and trusts.

BADM 3173  Quantitative Methods  (3 Hours)
A beginning course in quantitative techniques, including, but not limited to the following topics: cost volume analysis, probability concepts, decision theory, determinants and matrices, linear programming, Markov analysis, waiting lines, queuing costs, simulation, network models, and game theory.

BADM 4163  Contemporary Issues in Business  (3 Hours)
An applied study of the managerial and marketing aspects of the business firm. Current writings and case studies will be emphasized.
COURSE DESCRIPTIONS

**BADM 4181-3  Internship/ Directed Study (1-3 Hours)**
Individual study of problems in business and economics. On demand.
**Prerequisite:** Permission of the instructor and 3.00 G.P.A.

**CHEMISTRY (CHEM)**

**CHEM 1124  General Chemistry I (4 Hours)**
A systematic study of the principal non-metallic elements and their compounds together with the fundamental principles and laws of science. Open to those who have had no previous course in chemistry as well as to those who offer chemistry as an entrance unit. Three lectures, one recitation period, and one three-hour laboratory period per week.
**Prerequisite:** Required: Algebra II; Recommended: 1 year High School Chemistry

**CHEM 1224  General Chemistry II (4 Hours)**
A continuation of General Chemistry I (CHEM 1124) but with emphasis upon the metallic elements and their compounds. A brief introduction to organic chemistry is also included. Three lectures, one recitation period and one three-hour laboratory period per week. Emphasis in the laboratory is on the qualitative analysis and the properties of the common ions.
**Prerequisite:** General Chemistry I (CHEM 1124). GSE: high school AP chemistry or CHEM 1124.

**CHEM 3024  Analytical Chemistry I (4 Hours)**
The principles and techniques of quantitative analysis. Emphasizes volumetric and gravimetric methods of analysis and includes an introduction to instrumental methods of analysis. Three lectures and one three-hour laboratory period per week.
**Prerequisite:** General Chemistry II (CHEM 1224).

**CHEM 3114  Organic Chemistry I (4 Hours)**
Begins the study of organic chemistry. Primary emphasis on stereochemistry, acid-base theory, infrared and NMR spectroscopy, the basis of mechanistic interpretation and several functional group topics: alkanes, alkenes, alkynes, alcohols. The laboratory emphasizes separation methods, synthesis, and introduces the student to instrumental methods: GC, IR, and NMR. Three lectures and one three-hour laboratory period per week.
**Prerequisite:** General Chemistry II (CHEM 1224) or permission of instructor.

**CHEM 3125  Organic Chemistry II (5 Hours)**
A continuation of Chemistry 3114. The remaining functional groups are studied with heavy emphasis on mechanistic interpretation. Bioorganic topics are carbohydrates and lipids. Most of the laboratory emphasizes organic qualitative analysis. Four lectures and one three-hour lab per week.
**Prerequisite:** Organic Chemistry I (CHEM 3114).

**CHEM 3133-4  Biochemistry (3-4 Hours)**
Principle topics are protein structure and function; enzymes with emphasis of selected enzyme mechanisms; DNA structure and synthesis; DNA translation and protein synthesis; detailed aspects of energy metabolism; selected areas of intermediary metabolism from fatty acid catabolism, steroid syntheses, selected amino acid catabolism, gluconeogenesis, cell signaling, and regulation. Three lectures per week (if enrolled in CHEM 3134 there is one three-hour laboratory period per week).
**Prerequisite:** Organic Chemistry I (CHEM 3114).

**CHEM 3142  Readings in Advanced Organic Chemistry (2 Hours)**
Study in approved subjects from the area of modern organic chemistry. Possible topics include orbital symmetry rules, advanced synthetic methods, structure reactivity relationships. Intended especially for those persons that are preparing for a career in chemistry or a graduate program in chemistry.
**Prerequisite:** Organic Chemistry II (CHEM 3125) and junior standing.

**CHEM 3191  Junior Seminar in Chemistry (1 Hour)**
Designed to cover important concepts as they are reflected in the various subdisciplines of chemistry from an integrated viewpoint. Activities include discussions and presentations by students. Meets in conjunction with Senior Seminar (CHEM 4191).

**CHEM 3213  Physical Chemistry: Quantum Chemistry (3 Hours)**
Introduction to quantum theory, including crucial anomalies from Newtonian physics and fundamental postulates of the quantum paradigm; wave functions and superposition; operators, commutation relations, and their interpretations for measurement; position and momentum space; Fourier transforms. The Schrödinger equation; its stationary states and eigenfunctions;
approximation methods, especially perturbation theory. Central potentials and the hydrogenic atom.

**Prerequisite:** See Quantum Mechanics (PHYS 3213)

**CHEM 3253 Analytical Chemistry II (3 Hours)**
The principles and applications of modern instrumental methods of chemical analysis. Especially emphasizes those instrumental techniques not studied in other courses of the curriculum. Two lectures and one three-hour laboratory period per week.

**Prerequisite:** Analytical Chemistry I (CHEM 3024) or permission of instructor

**CHEM 3324 Environmental Chemistry Au Sable (4 Hours)**
Principles and analysis of chemical movement and distribution—both natural and human-induced—in natural environments. Sampling and analytical methods are included for water, soil and air. Work is conducted both on site in natural habitats and the laboratory. Taught at AuSable Institute, Mancelona, Michigan. See Environmental Studies in Biology section.

**Prerequisite:** One year of general chemistry and one semester of organic chemistry.

**CHEM 4114 Physical Chemistry (4 Hours)**
A systematic treatment of classical thermodynamics with an emphasis on the application of the first and second laws to chemical and physical changes. Applications are made to chemical equilibrium, electrochemical cells, and other spontaneous processes. Three lectures and one laboratory per week.

**Prerequisite:** General Physics for Scientists & Engineers (PHYS 2114) and Calculus II (MATH 2424).

**CHEM 4133-4 Advanced Inorganic Chemistry (3-4 Hours)**
A one-semester course designed to acquaint the student with the following: a theoretical picture of bonding as it relates to inorganic compounds, the descriptive chemistry of the representative elements, the descriptive chemistry of transition metals and organo-metallic compounds. The course is highly recommended for persons planning to enter graduate school in chemistry or to seek employment as a chemist. Three lectures per week (if enrolled in CHEM 4134 there is one three-hour laboratory period per week).

**Prerequisite:** General Chemistry II (CHEM 1224), Organic Chemistry II (CHEM 3125), and junior standing.

**CHEM 4181-2 Research Project in Chemistry (1-2 Hours)**
An introduction to literature search and experimental work as applied to the solution of chemical problems. Projects may be chosen from the areas of organic, analytical, biochemistry, and inorganic. Course especially stresses the importance of individual initiative in chemical research. Credit earned depends upon the project chosen and the quality of work done.

**CHEM 4191 Senior Seminar in Chemistry (1 Hour)**
Designed to cover important concepts as they are reflected in the various subdisciplines of chemistry from an integrated viewpoint. Activities include discussions and presentations by students. Meets in conjunction with Junior Seminar.

**CHEM 4211 Chemical Kinetics (1 Hour)**
A study of the present theories of chemical rates of reactions and applications to mechanisms. Discussion of experimental methods will also be included. One lecture per week.

**Prerequisite:** General Chemistry II (CHEM 1224), Organic Chemistry II (CHEM 3125), Calculus II (MATH 2424).

**CHEM 4291-3 Special Topics in Chemistry (1-3 Hours)**
Offers the student an opportunity to engage in independent study of advanced topics in chemistry. Instructional tools used may be practica, computer software, or audio-visual materials.

**CHRISTIAN EDUCATION (CED)**

**CED 2123 Foundations of Christian Education (3 Hours)**
This is the introductory course for Christian Education majors and minors. An extensive look at philosophical and theological basics, the history of the movement, the educational roots in Hebrew tradition and American history, and a look at significant religious educators of the past and present.

**CED 2173 Psychology of Children & Youth (3 Hours)**
A study of physical, cognitive, moral, and social development of the individual from conception through adolescence. Emphasis is placed on understanding the relationships between and importance of these processes in facilitating development in the context of schools, as well as other professional areas and future parental lifestyles.
COURSE DESCRIPTIONS

C ED 2213  Administration of Christian Education  (3 Hours)
This course will look at such topics as planning, needs assessment, program design and
development, recruitment, training, curriculum analysis, and other special topics that equip the
Director of Christian Education to facilitate an effective educational ministry in the local church.

C ED 3023  Ministry, Church, & Society  (3 Hours)
A General Education course. The preparation of active, purposeful lay leaders in the local church.
Specific topics for study will include the theology of the church, spiritual leadership, the concept of
ministry, servanthood, self-assessment skills and tools, churchmanship, stewardship of personal
resources, devotional life development, volunteerism, avenues of ministry, and models for future
church ministry.
Prerequisite: Junior standing OR 15 or more General Education CORE hours completed.

C ED 3133  Writing for Christian Publications  (3 Hours)
A professional writer's approach and "editor's eye-view" of current Christian markets to help the
student write and submit publishable short stories, biographies, testimonies, news and feature
articles, editorials, poems, and other marketable genres.

C ED 3173  Survey of Children's Ministry  (3 Hours)
A study of the developmental needs, organization and administration, methods and techniques,
pertaining to the spiritual development of children within the context of the local church and the
Christian home.

C ED 3112  Hymnology & Sacred Literature  (2 Hours)
A survey of the hymnody of the Christian church and an overview of the literature and process of
literature selection in the evangelical church.

C ED 3212  Survey of Worship  (3 Hours)
An introductory course in the theology and practice of worship. Biblical and historical practice is
introduced for informing contemporary worship leadership.

C ED 3223  Evangelism & Church Renewal  (3 Hours)
The history, place and methodologies of evangelism are studied in the context of the local church.
The strategies of both evangelism and renewal in giving vitality to the church are stressed.

C ED 4133  Survey of Youth Ministry  (3 Hours)
A study of the developmental needs, the organization and administration, methods and techniques,
that formulate educational programming for ministry of adults in the local church environment.

C ED 4143  Multiple Staff Ministry  (3 Hours)
A study of the principles of organizing and maintaining a paid staff in the local church, with
consideration given to the opportunities and problems of multiple staff operation.
Prerequisite: Foundations of Christian Education (C ED 2123) and Evangelism and Church
Renewal (C ED 3323).

C ED 4163  Pastoral Leadership & Team Building  (3 Hours)
This course provides a detailed study of organizational leadership skills, spiritual leadership,
followership, dynamics of group interaction, types of groups, problem solving, conflict resolution, as
well as in-class application of these principles.

C ED 4181-3  Ministry Experience  (1-3 Hours)
Active work in a ministry setting under supervision, along with classroom study directed towards
reflection upon and understanding of the actual ministry situations and experiences. May be
repeated for up to three hours credit.

C ED 4191-3  Summer Ministries Practicum  (1-3 Hours)
A supervised practicum experience in which the student works in a local church setting, under the
direct supervision of a senior pastor or full-time staff minister. The summer practicum is preceded
by periods of orientation/instruction by the summer practicum coordinator, and is followed with a
COURSE DESCRIPTIONS

session or sessions of debriefing. Credit for the practicum is granted only after the completion of the entire reporting process.

**C ED 4212  Church Music Administration (2 Hours)**
A thorough examination of the organization of the church music program at the local level. Emphasis is on the comprehensive use of musical skills, knowledge of administrative methods, and wide knowledge of materials.

**C ED 4281-4  Age Group Special Studies (1-4 Hours)**
A combination of directed study and practicum specializing in either Children, Youth, or Adult Ministries.

**C ED 4381-3  Ministry Intensive (1-3 Hours)**
Work in a supervised ministry setting in connection with the SNU Ministry Internship Scholarship Program. The student is directed towards reflection upon and understanding of the actual ministry situations and experiences of the Internship Program. May be repeated for up to three hours of credit.

**CHURCH HISTORY (C HS)**

**C HS 2113  History & Polity of Nazarene Church (3 Hours)**
A SCHOOL CORE REQUIREMENT. A survey of the history and polity of the Church of the Nazarene with due regard to its organization, development, growth, constitution and study of the Manual.

**C HS 3123  Church History I (3 Hours)**
A SCHOOL CORE REQUIREMENT. A study of the theological development of the Christian Church in its historical context up to 1500. Primary emphasis will be placed on the development of Western Christianity.

**Prerequisite:** GSE: no prerequisite.

**C HS 3133  Church History II (3 Hours)**
A continuation of Church History I (C HS 3123) to modern times.

**Prerequisite:** GSE: no prerequisite.

**C HS 4313  American Religious History (3 Hours)**
A survey of American religious history from 1607 to the present. This course focuses on the development of American Christianity with a particular emphasis on evangelical Christianity and its impact on American politics and culture.

**CHURCH MUSIC (C M)**

**C M 3113  Music, Ministry, & the Church (3 Hours)**
A course designed to investigate the role of music in the life of the church. Topics to cover basic philosophy of music ministry, church music materials, the hymnal, elementary conducting, distinctive of music used in evangelical free-church tradition.

**C M 3212  Hymnology & Sacred Literature (2 Hours)**
A survey of the hymnody of the Christian church and an overview of the literature and process of literature selection in the evangelical church.

**C M 3223  Survey of Worship (3 Hours)**
An introductory course in the theology and practice of worship. Biblical and historical practice is introduced for informing contemporary worship leadership.

**C M 4212  Church Music Administration (2 Hours)**
A thorough examination of the organization of the church music program at the local level. Emphasis is on the comprehensive use of musical skills, knowledge of administrative methods, and wide knowledge of materials.

**C M 4281-3  Church Music Internship (1-3 Hours)**
Supervised church music experience. Should be conducted with an approved church music staff supervisor, and a designated member of the Music faculty. One hour of credit equals 40 hours of staff experience.
COURSE DESCRIPTIONS

COMPUTER SCIENCE (CS)

CS 1113  Computing Today   (3 Hours)
A General Education course. An introductory survey of computers and their uses in today's society. Use of application programs such as word processing, electronic spreadsheets, and databases will be studied. A brief introduction to Windows and Internet is also included. NOT intended for CS major credit.

CS 2443  Intro to Computer Science I   (3 Hours)
Introduces the general organization of computers identifying components and their functions. The fundamentals of problem solving and algorithm development are introduced through a high level language.

CS 2543  Intro to Computer Science II   (3 Hours)
A continuation of Introduction to Computer Science I (CS 2443) with added emphasis on algorithm development and analysis. Major area of study will include debugging and testing techniques and searching and sorting methods. An introduction to theory of data structures concludes the course.
Prerequisite: Introduction to Computer Science I (CS 2443) or approval of department.

CS 3123  Advanced C Programming   (3 Hours)
An advanced study of C++ programming with an emphasis on topics such as Windows, and interacting with other languages.
Prerequisite: Introduction to Computer Science I & II (CS 2443/2543).

CS 3193  Seminar: Programming Languages   (3 Hours)
The purpose of this class is to offer a wide variety of current programming languages. Each language will be covered on a per semester basis. A partial list of those languages include: COBOL, Visual Basic, AS400 RPG, and Java. May be repeated for up to nine (9) hours of credit, with different languages.
Prerequisite: Introduction to Computer Science II (CS 2543) or approval of department.

CS 3213  Intro to Computer Systems   (3 Hours)
The emphasis of the course will be studying an assembly language. The language will be used to understand computer systems and machine level programming.
Prerequisite: Introduction to Computer Science I & II (CS 2443/2543) or approval of department.

CS 3513  Network Technologies   (3 Hours)
This course covers the basics of computer networking, including terms and concepts. Networking technology - how it works, and why it works - is made clear in this course, where concepts like contemporary network services, transmission media, and protocols are explained. Students learn how protocols are used in networking implementations from many vendors, especially those most common in today's LANs and WANs.
Prerequisite: Intro to Computer Science I & II (CS 2443/2543).

CS 4113  Management Information Systems   (3 Hours)
This course is concerned with the design of information systems required for management decision making. Problems of communication, information theory, document flow, and internal control are considered. The integration of data into a total information system is the ultimate consideration. The role and use of computers is emphasized.
Prerequisite: Computing Today (CS 1113) and Principles of Management (MGT 3113) or permission of instructor.

CS 4181-3  Computer Science Seminar   (1-3 Hours)
Special seminars on selected current topics in the area of information and computer sciences. May be repeated for up to 6 hours credit with different topics.
Prerequisite: Permission of instructor.

CS 4233  Computing Systems   (3 Hours)
Prerequisite: Introduction to Computer Systems (CS 3213).

CS 4243  Database Systems   (3 Hours)
A survey of the database systems with experience using a current database program. Emphasis will be placed on the relational database model and an implementation of it.
Prerequisite: Introduction to Computer Science I and II (CS 2443/ 2543).
CS 4433  Integrating Networks  
The focus of this class is to learn the fundamentals of how to integrate different networks into an 
internetwork, which can consist of different network operating systems, such as Microsoft Windows, 
Novel NetWare, Unix and others.  
Prerequisites: Network Admin. I & II (SNM 3673/3683) and Windows Networking I (SNM 3413)  

CS 4443  Computer Science Practicum  (3 Hours)  
The CS practicum is set up for a student to do "real work" as a capstone to their college career. The 
practicum work will be geared to the individual student's major and interest.  

CREATIVE WRITING (C W)  
C W 2313  Newswriting  (3 Hours)  
A study of the principles and practices of modern American journalism, especially as they apply to 
the newspaper. Students practice writing news stories and are provided opportunity to write for the 
college publications.  

C W 2813  Introduction to Creative Writing  (3 Hours)  
Practice in crafting life-like characters and vivid settings and incorporating these in such genres as 
the short story, the drama, and the poem.  

C W 2833  Introduction to Poetry and Poetics  (3 Hours)  
Instruction in composition of poetic forms, along with a study of prosody, poems, and critical theory 
of great poets.  

C W 3133  Writing for Christian Publications  (3 Hours)  
A professional writer's approach and "editor's eye-view" of current Christian markets to help the 
student write and submit publishable short stories, biographies, testimonies, news and feature 
articles, editorials, poems, and other marketable genres.  

C W 3313  Magazine Writing  (3 Hours)  
A study of the varieties and techniques of writing for magazines and periodicals, with ample 
practice in writing such stories and articles. Students will be encouraged to submit their work for 
publishing.  
Prerequisite: Newswriting (MCJL 2313) or Introduction to Creative Writing (CW 2813).  

C W 3343  Writing for Broadcast  (3 Hours)  
Research, writing, and production techniques for video production in corporate and traditional 
broadcast news environments. This course will focus on advanced methods of editing with Final Cut 
Pro software.  
Prerequisite: Newswriting (MCJL 2313).  

C W 4203  Writing for Digital Media  (3 Hours)  
A study of the transition of composition from the print age to the digital age. Emphasis will be 
placed on web design and composition techniques which adapt to mass media venues and internet 
distribution.  

C W 4833  Roundtable in Creative Writing  (3 Hours)  
A seminar setting providing an atmosphere for constructive feedback as serious writers gather to 
critique each other's works and follow steps to insure completion of marketable works. Some study 
of techniques of professional writers as well as how to market. Genres will vary by semester. May 
be repeated for credit with different subject matter.  
Prerequisite: 3 hours of Creative Writing.  

ECONOMICS (ECO)  
ECO 2113  Macroeconomics  (3 Hours)  
Dealing with the functioning of the American economic system. A study of the basic principles 
underlying production, exchange, consumption, and income distribution.  

ECO 2123  Microeconomics  (3 Hours)  
The application of economic principles to the problems of economic life; income distribution, labor 
problems, agricultural problems, unemployment, business cycles, public finance, taxation, and 
economic systems.
ECO 3033  Business, Economics, & Society  (3 Hours)
A General Education course designed to create an integrated thought pattern for one's professional, cultural, economic, and spiritual life. A Biblical understanding of wealth, labor, and career; ethical implications in professional life; comprehension of the capitalistic vs. state-owned issue; and working knowledge of personal economics.
Prerequisite: Sophomore standing.

EDUCATION (ED)
ED 2102  Self-Concept Development  (2 Hours)
A course designed to assist students in developing a wholesome self-concept and understanding their role in society. Specific assistance will be given to the student in establishing positive self-identity, self-orientation and self-direction.

ED 2103  English Grammar  (3 Hours)
An overview of the principles of English syntax and contemporary English usage.

ED 2111  Intro to Education and Teaching Lab  (1 Hour)
A course designed to assist the student who is considering education as a profession. Emphasis is placed on individual self-evaluation as a prerequisite to choosing a vocation and exploration of teaching from the practitioner's point of view. Includes a first phase internship in public school classroom. Grading is on P-F system.

ED 2142  Educational Technology  (2 Hours)
Since computers are an essential part of the "basics" of education for the next century, this course introduces the student to a variety of elements necessary for an "adequate" understanding of this role. The course focuses primarily on "application" software tools such as word processing, multimedia, Internet access and database management. Attention will also be given to the selection of educational software for the classroom and "technology implementation."

ED 2162  Foundations of Education  (2 Hours)
A course designed for the beginning philosopher or educator. The basic design of the course is to learn educational approaches, historical development, and societal problems as they are affected by underlying philosophical thought. Includes an internship in the public school classroom.
Prerequisite: 24 hours completed.

ED 2173  Psychology of Children & Youth  (3 Hours)
A study of physical, cognitive, moral, and social development of the individual from conception through adolescence. Emphasis is placed on understanding the relationships between and importance of these processes in facilitating development in the context of schools, as well as other professional areas and future parental lifestyles.
Prerequisite: GSE: no prerequisite.

ED 3122  Learning & Evaluation  (2 Hours)
This course is designed to introduce the student to psychological principles and theories in order that this information can influence teaching decisions for maximum learning in the classroom. The course will also provide information on reading standardized tests to improve the teaching-learning process. Includes .5 hours of peer teaching.

ED 3182  Methods in Foreign Languages K-12  (2 Hours)
Methods and materials for teaching foreign languages on the elementary/secondary levels (K-12).
Prerequisite: Admission to the Teacher Education Program.

ED 3222  Child Development  (2 Hours)
An intensive study of the developmental process of early childhood. Emphasis is given to some of the major, present-day development theories and their application in dealing with children. Includes 11 hours of observation. (Early Childhood majors only)
Prerequisite: Admission to the Teacher Education Program.

ED 3323  Developmental Reading & Practicum  (3 Hours)
This is an introductory course designed to focus on language acquisition, emergent and early reading, and materials at the primary and elementary level. Special attention is given to the foundations and development of literacy, basic approaches to reading, the phonetic structure of language, strategies of a balanced reading curriculum, new trends in reading research, and means of evaluation and field experience. Candidates complete practicum experiences with small groups of
elementary students. This is the first reading course of three required for all elementary education majors.

**ED 3422 Primary Literature/Language Arts (2 Hours)**
This course is for undergraduate elementary and early childhood majors preparing for their student teaching assignment. All aspects of the language arts will be reviewed: listening, speaking, reading, writing, viewing, and visual representing. Emphasis will be placed on developing classrooms where young children discover the richness of language.

**ED 3432 Music/Art (2 Hours)**
This course is designed to prepare teachers for classroom teaching in both disciplines. Attention is given to integrating these areas into other subjects.

**ED 3442 Primary Math/Science (2 Hours)**
This course is designed to give the prospective teacher necessary knowledge and skills to teach Pre-K through Primary.

**ED 3453 Intermediate Math/Science (3 Hours)**
This course is designed to prepare students for effective teaching of Mathematics and Science at the intermediate school level.

**ED 3464 Elementary Literature/Language Arts (4 Hours)**
This course is for undergraduate elementary education majors preparing for their student teaching assignment. All aspects of the language arts will be reviewed: listening skills, oral language skills, written skills, and reading. Emphasis will be placed on developing classrooms where young children discover the richness and power of written and oral communication. (4 hrs of teaching in public school)

**ED 3512 Social Studies in Elementary School (2 Hours)**
A course designed to acquaint the student with curriculum materials to methodologies used at the elementary level. Descriptions of specific teaching strategies include discussion, questioning techniques, problem solving, contracts, computers and audio-visual instruction, learning centers, community resources, role-playing and simulation activities. Attention is given to multi-cultural aspects of teaching social studies.

**ED 3543 Methods in Secondary Physical Education (3 Hours)**
Methods and materials in physical education at the secondary level. 
**Prerequisite:** Admission to the Teacher Education Program.

**ED 3553 Reading Theory & Practicum (3 Hours)**
A course designed to focus on refining and extending reading competence through skill development, content reading and developing intrinsic motivations. Special attention is given to classroom organization, lesson plans, material planning, evaluation, and field experience (20 practicum hours). Recommended: Spring of Junior year.

**ED 3562 Health, Safety, Nutrition, & PE (2 Hours)**
Theory and laboratory course concerning methods and techniques of teaching health, safety, nutrition and physical education in the elementary schools. Emphasis on group organization and program planning for instruction in the progression of activities which will improve the health-related fitness components (cardiovascular fitness, muscular strength, muscular endurance, flexibility, and nutritional & body composition).

**ED 3633 Child Guidance: Theory & Practicum (3 Hours)**
The course emphasizes special methods, materials and techniques for guiding the young child's learning experiences. The child development approach to teaching and the positive approach to communication, human relations and discipline as related to all learning areas are integrated throughout the course. Parent education is also an important component of the course. A simultaneous practicum with three, four and five-year-old children is part of this course.

**ED 3682 Language Development & Reading (2 Hours)**
A course for those preparing to teach young children with special emphasis directed toward the acquisition of language and the language experience approach to pre and beginning reading. The integration of all areas of language as applied to listening, speaking, writing, reading, literature, story telling and dramatization are integral parts of the course. Appropriate techniques, methods and materials are included as well as classroom simulations and field experiences. (Must be taken simultaneously with Motor Skill Development/Creative Arts (ED 3692)).
ED 3692  Motor Skill Development/ Creative Arts  (2 Hours)
A course designed for the student preparing to teach young children at the pre-kindergarten, kindergarten and primary levels. Psychomotor skill development is emphasized through play and physical fitness as related to gross motor skill development; and through manipulative materials, handwriting and graphic arts as related to fine motor skill development. All areas of music, rhythm, art and creativity with appropriate methods, materials and classroom simulations are included throughout the course. (Must be taken simultaneously with Language Dev./Reading (ED 3682)).

ED 4005  Student Teaching I  (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas.
Prerequisite: Senior standing and admission to the Professional Semester. (Liability insurance included in ‘Professional Semester’ fee).

ED 4105  Student Teaching II  (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas.
Prerequisite: Senior standing and admission to the Professional Semester. (Liability insurance included in ‘Professional Semester’ fee).

ED 4142  Survey of the Exceptional Child  (2 Hours)
A general course designed to acquaint the student with the various types of exceptionality in children. Emphasis is placed on an understanding of the psychological characteristics and the educational needs of the exceptional child. Includes 3 hours of observation in a public school. (Elementary and Secondary majors only).
Prerequisite: Psychology of Children and Youth (ED 2173) or equivalent and admission to the Teacher Education Program.

ED 4273  Professional Decision Making  (3 Hours)
Based on systems theory, this course emphasizes: 1) a systems model of learning-teaching; 2) developing and managing a positive classroom climate through an understanding and application of group processes; 3) developing instructional objectives, units, evaluation instruments and curricula; and 4) classroom management.
Prerequisite: Learning and Evaluation (ED 3122) and Admission to the Teacher Education Program. This course is a prerequisite for the Professional Semester.

ED 4281-3  Directed Study  (1-3 Hours)

ED 4333  Reading Diagnosis and Practicum  (3 Hours)
This course is designed to provide student learning and experience with informal and formal diagnostic instruments. The student will also be involved with direct tutoring experiences (20 hrs) using diagnosis and remedial techniques. Includes 1.5 hours of teaching.

ED 4352  Music Methods: Elementary  (2 Hours)
Methods for teaching music in the elementary school.

ED 4362  Music Methods: Secondary  (2 Hours)
Methods for teaching music in the secondary school.

ED 4451-4  Early Childhood Practicum  (1-4 Hours)
A laboratory course designed for the student who desires to broaden his experiences with young children. The planning, presentation, evaluation of learning experiences is required throughout the semester while working directly with children in the laboratory school or in the public school kindergarten class. May be repeated for a maximum of 4 hours.

ED 4472  Early Childhood Curriculum  (2 Hours)
Includes the historical and philosophical background of Early Childhood Education. Attention is given to current trends in program planning and meeting the needs of children through broad experiences in order to provide a foundation for later learning.

ED 4483-4  Cognitive Development: Math/ Science/ Social Studies  (3-4 Hours)
A course designed for the student preparing to teach at the pre-kindergarten, kindergarten and primary levels, with attention given to the cognitive development of children as related to mathematics and the physical and social sciences. Theories of cognitive development are examined with emphasis given to the Piagetian theory and the process approach. Appropriate teaching
COURSE DESCRIPTIONS

strategies and materials are included as well as classroom simulations and field experiences. Taken concurrently with Mathematics in the Primary School (ED 3442).

ED 4522 Characteristics of Early Adolescents (2 Hours)
The teacher understands how students learn and develop, and can provide learning opportunities that support their intellectual, social, and physical development at all grade levels including early childhood, elementary, middle level, and secondary. Includes 15 hours of tutoring a middle school student.

ED 4534 Middle School Curriculum & Design (4 Hours)
This course is designed to bridge the gap between the elementary and secondary curriculum. Emphasis will be directed towards grades 5-8 or the young adolescent. Includes 20 hours of observation in a middle school.

ED 4553 Child & Social Systems (3 Hours)
This course is designed to inform the student as to the wider parameters of school and society. Includes two (2) hours of surveys and two (2) hours of interviewing.

ED 4602 Special Methods: 7-12 (2 Hours)
This course is designed for the 7-12 secondary education major. Its purpose is to enhance the student's ability to develop appropriate instructional goals and objects that are applicable to student needs and learning modes. This course will also include an observation/internship within a multicultural setting. The hours required for this internship will vary depending on what students need in order to complete the Oklahoma State Department's forty-five (45)-hour requirement. A participatory and interactive form of instruction will be utilized in this course.

ED 4700 Student Teaching Seminar (0 Hour)
This semester is taken concurrently with student teaching and is designed for student teachers to develop proficiency in interpersonal skills (relating to the teacher/student, teacher/teacher, teacher/parent relationship and multi-cultural learning situations, further understand mainstreaming, discipline problems and solutions, and to prepare to secure a teaching position.

NOTE: Professional Semester Fee: The Professional Semester will include a fee for student professional membership, liability insurance, and teacher supervision expenses.

ED 4805 Student Teaching: Pre-Kindergarten (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas. (Liability insurance included in 'Professional Semester' fee).

Prerequisite: Senior standing and admission to the Professional Semester.

ED 4815 Student Teaching: Kindergarten (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas. (Liability insurance included in 'Professional Semester' fee).

Prerequisite: Senior standing and admission to the Professional Semester.

ED 4905 Student Teaching: 1st Grade (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas. (Liability insurance included in 'Professional Semester' fee).

Prerequisite: Senior standing and admission to the Professional Semester.

ED 4915 Student Teaching: 2nd Grade (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas. (Liability insurance included in 'Professional Semester' fee).
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ED 4925  Student Teaching: 3rd Grade  (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas. (Liability insurance included in 'Professional Semester' fee).
Prerequisite: Senior standing and admission to the Professional Semester.

ED 4935  Student Teaching: 4th Grade  (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas. (Liability insurance included in 'Professional Semester' fee).
Prerequisite: Senior standing and admission to the Professional Semester.

ED 4945  Student Teaching: 5th Grade  (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas. (Liability insurance included in 'Professional Semester' fee).
Prerequisite: Senior standing and admission to the Professional Semester.

ED 4955  Student Teaching: 6th Grade  (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas. (Liability insurance included in 'Professional Semester' fee).
Prerequisite: Senior standing and admission to the Professional Semester.

ED 4965  Student Teaching: Elementary  (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas. (Liability insurance included in 'Professional Semester' fee).
Prerequisite: Senior standing and admission to the Professional Semester.

ED 4975  Student Teaching: Middle School  (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas. (Liability insurance included in 'Professional Semester' fee).
Prerequisite: Senior standing and admission to the Professional Semester.

ED 4995  Student Teaching: Secondary  (5 Hours)
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas. (Liability insurance included in 'Professional Semester' fee).
Prerequisite: Senior standing and admission to the Professional Semester.

ENGLISH  (ENGL)
ENGL 0024  English Language & Culture I  (4 Hours)
A required course for those international students who score below 550 on the TOEFL, and for any student speaking English as a second language. The course meets five days a week and helps students develop speaking and listening as well as reading skills. This course is a preparation for successful work in Composition I (ENGL 1113), not a substitute. Lab required.

ENGL 0034  English Language & Culture II  (4 Hours)
A course designed for students speaking English as a second language. Continued emphasis on speaking, listening and reading skills will be presented as well as the development of writing skills. This course is further preparation for successful work in Composition I (ENGL 1113), not a substitute. Lab required.

ENGL 0103  Modern English Usage  (3 Hours)
A course designed to emphasize reading improvement, language usage, and the techniques related to effective sentence and paragraph development. Recommended for students who wish to improve basic language skills and for those scoring 14 or below on the English portion of the ACT. Not a substitute for Composition I (ENGL 1113). Lab required. Not recommended for students speaking English as a second language who score below 550 on the TOEFL examination.

ENGL 1113  Composition I  (3 Hours)
A General Education course that develops writing skills through expressive and explanatory writing, largely in the context of the student's experiences. Sections of ENGL 1113 are limited to students
COURSE DESCRIPTIONS

scoring at least 15 on the English portion of the ACT (or the equivalent score on the SAT). Lab is required for students scoring between 15 and 17 on the English portion of the ACT. Students who score 25 or above on the English portion of the ACT should be enrolled directly in Composition II (ENGL 1213) or Academic Writing: Research and Argument (ENGL 2213) instead of Composition I (ENGL 1113).

Prerequisite: Modern English Usage (ENGL 0103) for students scoring 0-14 on the English portion of the ACT; English Language and Culture I and II (ENGL 0024, 0034) for international students who score below 550 on the TOEFL. Students speaking English as a second language should validate proficiency with either ACT or TOEFL scores.

ENGL 1213 Composition II (3 Hours)
A General Education course that continues to develop writing skills in more formal and academic contexts through practice in rhetoric, argumentation, and research. Academic Writing: Research and Argument (ENGL 2213) is offered for students who score 25 or above on the English portion of the ACT.

Prerequisite: A passing grade in Composition I (ENGL 1113) or equivalent.

ENGL 2103 English Grammar (3 Hours)
An overview of the principles of English syntax and contemporary English usage.

ENGL 2111-3 Developmental English Practicum (1-3 Hour)
A course designed for English majors and developmental laboratory workers intended to develop training skills with under-prepared students in English, to extend the workers' knowledge of the principles of English grammar, and to increase their knowledge of the principles of rhetoric. Practical experience for English and English Education majors. May be repeated for credit.

ENGL 2213 Teaching English as a Second Language I (3 Hours)
This course provides the theoretical and practical foundations for teaching English as a second language. The course will provide linguistic background of language and introduce the student to practical classroom applications of this knowledge.

ENGL 2213 Academic Writing: Research and Argument (3 Hours)
This course focuses on writing in formal and academic contexts through practice in rhetoric, argumentation, persuasion, and research. Writings and projects are designed to help the student understand features of academic writing. Students will learn how to evaluate, persuade, and argue, will develop the skills needed for effective research, and will practice generating original arguments after they have researched, designed, and articulated.

ENGL 2413 Introduction to Literature (3 Hours)
A General Education CORE course emphasizing principles of reading literature for understanding and appreciation while exposing students to a wide range of themes and genres found in literature. Students will read, analyze, and write about representative examples of short stories, poetry, and essays, as well as at least one drama and one novel.

Prerequisite: Passing grades in Composition I & II (ENGL 1113/1213) or equivalent AP or CLEP credit (required); Introduction to World Civilization (HP 2003) recommended.

ENGL 2533 Oral Interpretation of Literature (3 Hours)
The development of intellectual and emotional responsiveness to dramatic literature, and the ability to read orally so as to communicate the printed page with appreciation to others. Projects in cutting and analysis are required.

ENGL 2813 Introduction to Creative Writing (3 Hours)
Practice in crafting life-like characters and vivid settings and incorporating these in such genres as the short story, the drama, and the poem.

ENGL 2833 Introduction to Poetry and Poetics (3 Hours)
Instruction in composition of poetic forms, along with a study of prosody, poems, and critical theory of great poets.

ENGL 2933 Foundations for English Studies (3 Hours)
An introductory methods course for the discipline that focuses on a rationale for the study of literature as well as its history and methodologies. Research methods in primary and secondary sources, critical theory and other methods of literary analysis are covered in detail.

ENGL 3003 Special Studies in English (3 Hours)
General Studies Elective course in special topics.
ENGL 3043  Survey of American Literature I  (3 Hours)
A study of American poets and prose writers prior to the Civil War with consideration of the
influential political, social, religious, and literary contexts.

ENGL 3053  Survey of American Literature II  (3 Hours)
Selections from American writers from 1860 to the present as representative interpreters of
American life and ideas. Consideration of the principal literary trends of the Age of Realism and the
modern and post-modern Periods through the study of poetry, drama, and short fiction. Each of the
survey courses may be counted independently for credit.

ENGL 3123  Teaching English as a Second Language II  (3 Hours)
This course continues the exploration and the theoretical and practical foundations for teaching
English as a second language begun in ENGL 2123. The course will provide methodological
instruction, opportunities for observation of ESL classes, and internship in such a classroom.
Prerequisite: Teaching English as a Second Language I (ENGL 2123).

ENGL 3133  Writing for Christian Publications  (3 Hours)
A professional writer’s approach and “editor’s eye-view” of current Christian markets to help the
student write and submit publishable short stories, biographies, testimonies, news and feature
articles, editorials, poems, and other marketable genres.

ENGL 3163  Survey of British Literature I  (3 Hours)
An overview of significant authors, works of literature, and literary forms and trends from the
Anglo-Saxon times to the late eighteenth century, including Beowulf, Chaucer, Shakespeare,
Spenser, Milton, Pope, Swift, and Johnson, in the context of important historical and cultural forces.

ENGL 3173  Survey of British Literature II  (3 Hours)
A continuation of ENGL 3163, using similar methodologies in approaching Romantic, Victorian,
modern, and post-modern writers such as Wordsworth, Tennyson, the Brontes, Eliot, Joyce, Woolf,
Larkin, Lessing, and Stoppard. Each of the survey courses may be counted independently for credit.

ENGL 3181-3  Directed Study  (1-3 Hours)
Individual study in an approved area based on interest and/or needs of the student. May be
repeated for credit. Departmental approval required for enrollment.

ENGL 3192-3  Literary Field Studies  (2-3 Hours)
A travel-study experience designed to acquaint the student first-hand with the cultural and
historical settings in which great writers produced their literature. Preparatory reading, discussion,
and research prior to the course and a follow-up written project required. Offered only when
number of interested students permits.
Prerequisite: GSE: no prerequisite.

ENGL 3202-3  Special Studies in Literature  (2-3 Hours)
Intensive study of selected issues in literature. May be repeated with different subject matter.
Prerequisite: GSE: permission of instructor.

ENGL 3223  Mythology  (3 Hours)
An introductory exploration of classical and comparative mythology and an examination of the role
of myth in society, the relation of myth to other disciplines, and the relationship between myth and
Christianity.
Prerequisite: GSE: Intro. to Literature (ENGL 2413) and Intro. to Christian Thought (THEO 2233).

ENGL 3233  The Bible as Literature  (3 Hours)
The examination of literary types within the Bible, with attention given to writers’ narrative, poetic,
and dramatic techniques.
Prerequisite: GSE: Introduction to Literature (ENGL 2413) or permission of instructor.

ENGL 3293  Genre Studies  (3 Hours)
An in-depth exploration of a specific literary type. May be repeated with different subject matter.

ENGL 3313  Magazine Writing  (3 Hours)
A study of the varieties and techniques of writing for magazines and periodicals, with ample
practice in writing such stories and articles. Students will be encouraged to submit their work for
publication.
Prerequisite: Newswriting (MCJL 2313) or Introduction to Creative Writing (CW 2813)
recommended.
ENGL 3323  Survey of World Literature  (3 Hours)
A study of the major literary works, fiction, essays, poetry, epic and drama from around the world
which formed present world cultures and influence us today. Readings will include works from
ancient China, India, Greece and Rome; medieval works of the Europeans, Middle Eastern worlds,
and the European writers of the Renaissance through the 19th Century, and global study of the
20th Century writers.
Prerequisite: Introduction to World Civilization (HP 2003). GSE: no prerequisite.

ENGL 3343  Writing for Broadcast  (3 Hours)
Research, writing, and production techniques for video production in corporate and traditional
broadcast news environments. This course will focus on advanced methods of editing with Final Cut
Pro software.
Prerequisite: Newswriting (MCJL 2313).

ENGL 3412  Strategies in Teaching English I  (2 Hours)
Methods and materials for teaching English in the secondary school. Requirements include
observation of English instruction.
Prerequisite: Admission to the Teacher Education Program.

ENGL 3421  Strategies in Teaching English II  (1 Hour)
A course providing support and resources to the practicing student teacher during the professional
semester. Discussion of questions of pedagogy, classroom management, teaching materials, and
specific problems encountered in teaching English in the secondary school.
Prerequisite: Strategies in Teaching English I (ENGL 3412).

ENGL 3523  Latino Literature  (3 Hours)
The attitudes, adjustments, value system, historical and social factors pertaining to the various
Latino groups residing in the U.S. as portrayed in their literature. Reading and class discussion in
English.

ENGL 4001-2  Senior Thesis  (1-2 Hours)
Students will work closely with the English faculty to develop, research, and write an original
undergraduate thesis. Required of all majors choosing the Literature concentration. Recommended
for any student anticipating graduate study.

ENGL 4003  Special Studies in English  (3 Hours)
General Studies Elective course in special topics.

ENGL 4093  The Novel  (3 Hours)
A study of major American or British novelists: American novelists from colonial times to the
present with attention given to the historical background of each work and an emphasis on the
novel as a reflection of American culture; British novelists from Defoe to Joyce with attention given
to the development of the novel, to historical background for the genre and to needed background,
ideas, and styles of the major novelists. A variety of critical methodologies will be employed and
major critical works will be examined. May be repeated with different subject matter.
Prerequisite: GSE: Introduction to Literature (ENGL 2413) or permission of instructor.

ENGL 4103  Advanced English Grammar  (3 Hours)
A study of the phonology, morphology, and syntax of the English language. Three major schools of
grammar are contrasted: traditional, structural, and transformational.
Prerequisite: English Grammar (ENGL 2103) or a strong background in grammar studies.

ENGL 4113  Shakespeare  (3 Hours)
A study of both famous and lesser-known plays and selections from the poems with supplementary
consideration of Shakespeare's language, text, sources, characterization, and dramatic structure;
Shakespeare in the Elizabethan and modern theater and on film; and Shakespeare criticism.
Prerequisite: GSE: Introduction to Literature (ENGL 2413) or permission of instructor.

ENGL 4123  Literary Eras  (3 Hours)
A course designed to study in depth the literary forms, themes and theories of a particular literary
era by examining representative selections in their historical and cultural contexts. Supplementary
critical reading required. Particular eras (the Renaissance, 17th, 18th or 19th Century English
literature, Romantic poets, American Romanticism, the Post-Modern era) offered in rotation. May be
repeated for credit with different subject matter.
COURSE DESCRIPTIONS

ENGL 4203 Writing for Digital Media (3 Hours)
A study of the transition of composition from the print age to the digital age. Emphasis will be placed on web design and composition techniques which adapt to mass media venues and internet distribution.

ENGL 4223 Major Authors (3 Hours)
Intensive study of a selected author or group of authors in literary relationship. Possible authors include Chaucer, Spenser, Donne, Milton, Austen, Hawthorne, Frost, Eliot, Woolf, James, and Wharton. May be repeated for credit with different subject matter.

ENGL 4273 Linguistics (3 Hours)
A comprehensive study of current linguistic theory including morphology, phonology, syntax, semantics and pragmatics. Formation and evolution of language change and variations within a language and between languages are also covered.

ENGL 4283 History of the English Language (3 Hours)
A study of the historical development of the English language including attention to orthography, phonology, morphology, syntax, and vocabulary. Some consideration of recent trends in language study. Includes readings in Old and Middle English.

ENGL 4293 Contemporary Literary Theory (3 Hours)
A study of the theory of significant schools of criticism with practical applications of these theories to particular works. Includes some reading in the history of criticism and in critical essays
Prerequisite: Foundations for English Studies (ENGL 2933).

ENGL 4833 Roundtable in Creative Writing (3 Hours)
A seminar setting providing an atmosphere for constructive feedback as serious writers gather to critique each other's works and follow steps to insure completion of marketable works. Some study of techniques of professional writers as well as how to market. Genres will vary by semester. May be repeated for credit with different subject matter.
Prerequisite: Three hours of creative writing.

ENGL 4931-2 Communication Arts Colloquium (1-2 Hours)
A Capstone course for junior and senior majors designed to coordinate and integrate the work in each student's major field. Special emphasis given to career considerations.

FINANCE (FIN)

FIN 3103 Business Finance (3 Hours)
An introductory course in financial management which studies short-term and long-term corporate financing, the time value of money, the cost of capital, capital budgeting, and capital markets.
Prerequisite: Principles of Accounting I (ACC 2113).

FIN 3113 Personal Finance (3 Hours)
A course dealing with the consumer in the American economic system: budgeting, credit, buying habits, savings, health and medical care, insurance, housing, government aids, and basic investing.

FIN 3133 Investments (3 Hours)
An introductory course dealing with the theory and practice of financial instruments to gain a basic understanding of securities and portfolio management.

FIN 3143 Real Estate (3 Hours)
A study of basic real estate terminology concepts and principles and of the various factors to purchase real estate investments. A preparation for state real estate licensing examination.

FIN 4113 Principles of Insurance (3 Hours)
A study of the pervasive nature of risk on the individual and society, and to study the way in which insurance can be used to deal with the problems posed by such risk. Topics include risk management, insurance industry, regulation, life and health insurance, property and casualty, and commercial.

FIN 4123 Money and Banking (3 Hours)
A study of monetary institutions, regulations and the importance of monetary policy and full employment. Consideration is given to the role of money in the modern economy on the national and personal level as well as the banking system of the U.S. including the Federal Reserve System and the United States Treasury.
COURSE DESCRIPTIONS

Prerequisite: Macroeconomics (ECO 2113) or Microeconomics (ECO 2123).

FIN 4133 Credit & Collections (3 Hours)
An analysis of consumer and commercial credit. Special emphasis on credit policies, credit investigation, collection problems and financial reports. Also a study of interchange credit bureaus and recent government regulations in credit.
Prerequisite: Business Finance (FIN 3103).

FIN 4153 International Finance (3 Hours)
An examination of the international economic environment in which a manager makes decisions and how financial management is affected by this environment. Topics include: foreign exchange risk, political risk, and methods to measure and reduce these risks.
Prerequisite: Business Finance (FIN 3103).

FIN 4181-3 Internship/Directed Study (1-3 Hours)
Individual study of finance problems in business.
Prerequisite: Permission of the instructor and 3.0 GPA.

FINE ARTS (FA)
FA 2123 Introduction to Fine Arts (3 Hours)
A General Education CORE course. An exploration of the art, architecture, music, sculpture, and popular culture in various periods of the Western tradition. Emphasis will be given to cultural field experiences in the arts using the resources of the metropolitan Oklahoma City area.
Prerequisite: One freshman semester completed; Enrichment Track student may enroll with no prerequisite. Introduction to World Civilization (HP 2003) recommended.

FRENCH (FR)
FR 1113 Elementary French I (3 Hours)
An introduction to the study of the French language. Although some students will have studied a little French before this course, no background in the language is expected. Special emphasis is placed on listening and speaking skills.
FR 1123 Elementary French II (3 Hours)
A continuation of Elementary French I (FR 1113). Continued emphasis on listening and speaking skills.
Prerequisite: Two semester HS with A or B grade or one semester college.
FR 2133 Intermediate French I (3 Hours)
Development in reading, listening, speaking and writing skills in the French language on the intermediate level.
Prerequisite: Two years HS with A or B grade or one year college.
FR 2143 Intermediate French II (3 Hours)
A continuation of Intermediate French I (FR 2133). Improvement of fluency in speaking and writing in French on everyday topics along with increased speed in reading comprehension.
Prerequisite: Intermediate French I (FR 2133) or equivalent.
FR 2313 French Culture (3 Hours)
Group study dealing with various aspects of French culture (language, literature, history, art, music and characteristics of the people).
Prerequisite: Elementary French II (FR 1123) or equivalent.
FR 3221-3 Special Studies in French (1-3 Hours)
An intensive study of a specific area in French language, culture, or literature. Offered at irregular intervals, it may be repeated to a maximum of six hours of credit by varying its content.
Prerequisite: Intermediate French II (FR 2143) or equivalent.
FR 3423 French Composition & Conversation (3 Hours)
A course designed to help the student gain fluency in speaking and writing the French language; advanced principles of French grammar are included.
Prerequisite: Intermediate French I (French 2133).
GENERAL STUDIES (G S)

G S 0113 University Study Strategies (3 Hours)
A course designed to help the student learn and improve the academic skills necessary for successful college work. Emphasis is on the development of personalized study tools and learning strategies (e.g. time management, memory improvement, comprehension, vocabulary, note-taking, information review, test anxiety).

G S 1213 Critical Thinking Strategies (3 Hours)
Assists students in learning how to examine their own thought processes and understanding how environment influences thinking processes, with application of higher-level thinking skills to education and personal and spiritual growth.

G S 1031 New Student Institute/ Seminar (1 Hour)
A course that provides an orientation to college life and deals with the personal development of the student.

G S 1163 Introduction to Biblical Literature (3 Hours)
A General Education course. An introduction to the basic narrative line of the Bible. Significant characters, events, and themes will be the focus along with study of the way the Biblical literature functions in the formation of faith.

G S 2233 Introduction to Christian Thought (3 Hours)
A General Education CORE course. An approach to basic concepts of Christian theology via the perspective of Biblical tradition, historical development, and contemporary relevance. Specific attention will be given to addressing current social and ethical issues.

G S 3013 Introduction to Biblical Interpretation (3 Hours)
A General Education CORE course for all majors outside the School of Theology & Ministry. An introduction to the study of the Bible with emphasis on the methods, perspectives, and resources of study appropriate for various kinds of Biblical Literature. The emphasis will be on prophetic, wisdom, and epistolary portions of the Bible.

G S 3023 Ministry, Church, & Society (3 Hours)
A General Education course. The preparation of active, purposeful lay leaders in the local church. Specific topics for study will include the theology of the church, spiritual leadership, the concept of ministry, servanthood, self-assessment skills and tools, churchmanship, stewardship of personal resources, devotional life development, avenues of ministry, and models for future church ministry.

GEOGRAPHY (GEOG)

GEOG 1213 Physical Geography (3 Hours)
An introduction to the systematic methods of studying man-land relationships, including physical geography and economics. The course is designed to meet the basic geography course requirements of an Elementary Education major as well as physical science with lab credit for Track II & III students and is a fundamental course for any Social Science major or minor.

GREEK (GK)

GK 1113 Beginning Greek I (3 Hours)
A beginning study of the grammar of New Testament Greek up to the study of participles.

GK 1213 Beginning Greek II (3 Hours)
A continuation of Beginning Greek I.

GK 2113 New Testament Greek: John (3 Hours)
Translation of selected passages in the Gospel of John, applying the principles of structural linguistics. Exegetical method is introduced and vocabulary building is emphasized.
GK 4183  
**Readings in New Testament Greek**  (3 Hours)
Advanced readings from the Greek text of selected New Testament books. The Books of Romans, Corinthians, Prison Epistles, Matthew, Luke and Acts are offered at various times. This course may be repeated.

**Prerequisite:** Nine semester hours of Greek.

**HISTORY, POLITICS, & GEOGRAPHY (HP)**

**HP 1113  
American Federal Government**  (3 Hours)
A General Education CHOICE course. A course dealing with the organization and functions of the American national government in all of its branches. An emphasis is placed on the relations of the citizen to the government and upon duties and obligations of citizenship.

**HP 1213  
Physical Geography**  (3 Hours)
An introduction to the systematic methods of studying person-land relationships, including physical geography and economics. The course is designed to meet the basic geography course requirements of an Elementary Education major as well as physical science with lab credit for Track II & III students and is a fundamental course for any Social Science major or minor.

**HP 1483  
United States History I**  (3 Hours)
A General Education CHOICE course. A study of the history of the United States from its colonial origins through end of the Civil War in 1865.

**HP 1493  
United States History II**  (3 Hours)
A General Education CHOICE course. A study of the history of the United States from the end of Reconstruction in 1877 to the present.

**HP 2003  
Introduction to World Civilization**  (3 Hours)
A General Education CORE course. A study of the development of the world's civilizations from their prehistoric roots to the modern era. This course will analyze the major political, social, economic, moral, and ideological foundations important in the development of world civilizations.

**HP 2113  
Introduction to Historical Studies**  (3 Hours)
This course introduces students to the ways in which historians think about the past and the methods used within the discipline. The primary focus is on research methods and historical writing. Required for all majors and prerequisite to all upper division classes.

**HP 2123  
Introduction to Political Studies**  (3 Hours)
An introduction to the art of politics with special attention being given to political theory and political ideologies, the origin and nature of law, and the normative and empirical methodology of the discipline. Required for all History & Politics majors and minors.

**HP 3003  
Special Studies in History**  (3 Hours)
General Studies Elective course in special topics.

**HP 3123  
Legislative Process**  (3 Hours)
A study of congress with its committee systems and pressure politics; legislative leadership; the legislator and constituents; lobbyist and special interest groups; and the relationship between the legislative and executive branches of government.

**HP 3133  
Geographical Information Systems**  (3 Hours)

**HP 3143  
American State and Local Government**  (3 Hours)
A study of the organization, principles and working of the state, county and municipal governments within the American political system.

**HP 3153  
Public Administration**  (3 Hours)
A study of the concepts of public administration and the significance of administration in the modern state.

**HP 3173  
Judicial Process**  (3 Hours)
An examination of the American judicial system in both its historical and modern contexts. Trends in judicial interpretation, development and operation of the court system and current practices of the judiciary are among the topics discussed.
COURSE DESCRIPTIONS

HP 3213 Political & Social Philosophy (3 Hours)
A study of ideas from ancient through modern times from such major thinkers as Aquinas, Augustine, Machiavelli, Hobbes, Locke, Rousseau, Montesquieu, Marx, Smith, and John Stuart Mill. Themes of study will include such topics as wisdom, virtue, the just society, the good society, equality, property, natural rights, liberty, power, and human nature.
Prerequisite: GSE: Sophomore standing or permission of instructor.

HP 3313 Colonial & Revolutionary America (3 Hours)
A study of America from the beginning of European exploration to 1783 focusing on European colonization in North America; the political, social, cultural, intellectual and economic development of British North America, British imperial structure and the dynamics of international rivalries, and developments of the Revolutionary era.
Prerequisite: U.S. History I & II (HP 1483, 1493) and Introduction to Historical Studies (HP 2112) OR permission of the instructor. GSE: no prerequisite.

HP 3323 Early National Period: 1783-1850 (3 Hours)
A study focusing on the American Republic in its formative stages. Beginning with the Confederation government and concluding with the Compromise of 1850, the course focuses on the political and economic development of the new republic and the growth of a distinctively American culture and political institutions.
Prerequisite: U.S. History I & II (HP 1483, 1493) and Introduction to Historical Studies (HP 2112) OR permission of the instructor.

HP 3333 Civil War & Reconstruction: 1850-1877 (3 Hours)
A survey of the critical period from the Compromise of 1850 to the end of Reconstruction. Attention will be given to the causes of the Civil War, the military and political progress of the war and the impact of the conflict on American society and the American political system.
Prerequisite: U.S. History I & II (HP 1483, 1493) and Introduction to Historical Studies (HP 2112) OR permission of the instructor. GSE: no prerequisite.

HP 3343 Gilded Age & Progressive Era: 1877-1920 (3 Hours)
A historical analysis of American society during its evolution from a rural agrarian country into a modern industrial nation.
Prerequisite: U.S. History I & II (HP 1483, 1493) and Introduction to Historical Studies (HP 2112) OR permission of the instructor.

HP 3353 Twentieth Century World: 1890-2000 (3 Hours)
This course assesses the historical interaction between Europe, the Americas, Asia, and Africa in the twentieth century. Attention will be given to the social, ideological, political, and international relations developments during the past century.
Prerequisite: U.S. History I & II (HP 1483, 1493) and Introduction to Historical Studies (HP 2112) OR permission of the instructor.

HP 3413 Medieval Europe (3 Hours)
A study of European history from the Fall of Rome to the Renaissance. Emphasis will be given to the role of the church in society, feudal culture, and the development of the Western mentality.
Prerequisite: Introduction to World Civilization (HP 2003) and Introduction to Historical Studies (HP 2112) OR permission of the instructor.

HP 3423 Early Modern Europe: 1450-1789 (3 Hours)
A study of the Rise of Modern Europe from the Renaissance and Reformation through the age of Absolutism to the fall of the Old Regime. This course will explore the development of the distinctive elements of modernity in the areas of politics, economics, society, religion, intellect and the arts.
Prerequisite: Introduction to World Civilization (HP 2003) and Introduction to Historical Studies (HP 2112) OR permission of the instructor.

HP 3433 Modern Europe: 1789-1914 (3 Hours)
A study of Europe from the French Revolution to the beginning of World War I. Particular attention will be given to the events of the Revolution and Napoleon's imperium, the struggle between the forces of change and the forces of reaction in the mid-nineteenth century and the political and social developments of the age of imperialism.
Prerequisite: Introduction to World Civilization (HP 2003) and Introduction to Historical Studies (HP 2112) OR permission of the instructor.
**HP 3991-3  Special Topics (1-3 Hours)**
Independent research, life-learning credit, or one-time courses of special relevance in History of Political Science. Restricted enrollment; see Chair of Department of History, Politics, and Geography. No more than six (6) hours of this credit may apply toward the History major.

**HP 4003  Special Studies in History  (3 Hours)**
General Studies Elective course in special topics.

**HP 4113  International Relations  (3 Hours)**
An analysis of international politics as well as a study of the factors that govern both peaceful and belligerent interactions among nation-states. There will be an emphasis on such factors as nationalism, colonial and economic imperialism, power and ideology and international law and organization.

**HP 4123  Modern East Asia  (3 Hours)**
A study of the political and economic development of East Asia (China, Japan, Korea) since 1850 with special attention given to the development of Communism in China and North Korea, and the "economic miracles" in Japan and South Korea.
Prerequisite: Sophomore standing or American Federal Government (HP 1113).

**HP 4133  Comparative Government  (3 Hours)**
A thorough study of the world politics utilizing the comparative approach. Attention will be given to the theory of comparative politics as well as ideologies, governmental structures, and the political dynamics of change and public policy-making. In addition to major world governments there will be a focus on Third World countries with regard to such issues as modernization, and the tensions between economic development and historic-cultural integrity.

**HP 4153  Constitutional Law  (3 Hours)**
In the United States with its written constitution, constitutional law consists of the application of fundamental principles of law based on that document, as finally interpreted by its highest judicial organ, the Supreme Court. The intent of this course is to show how the court has contributed to the allocation of political power and the determination of important public policy policies.

**HP 4173  Modern Latin America  (3 Hours)**
This is an upper division survey of Modern Latin American History and Culture. Using a multidisciplinary approach students will examine the political, social, economic and cultural aspects of the 33 sovereign states that make up Latin America and the Caribbean region. This is an area which has great political and economic importance for the United States and which promises to be even more critical in the 21st Century. However, our knowledge of the area is characterized by ignorance and long held prejudices. This course aims to remedy that state of affairs.
Prerequisite: U.S. History I & II (HP 1483, 1493) and Introduction to Historical Studies (HP 2112) OR permission of the instructor. GSE: no prerequisite.

**HP 4191-3  Internship in History  (1-3 Hours)**

**HP 4303  Topics in American History  (3 Hours)**
This course deals with a variety of topics in American History on a rotating basis. Topics include Religious History, Intellectual and Cultural History, Environmental History, the American West and the Vietnam War.
Prerequisite: U.S. History I & II (HP 1483, 1493) and Introduction to Historical Studies (HP 2112) OR permission of the instructor.

**HP 4353  America in Vietnam  (3 Hours)**
This course focuses on the American involvement in Vietnam from 1945 to 1975. Emphasis is placed on the ways in which U.S. actions were a reflection of American culture in the late twentieth century as well as the impact of the war on the American political system.
Prerequisite: GSE: Sophomore standing or permission of instructor.

**HP 4363  Oklahoma History  (3 Hours)**
A study of Oklahoma history from its prehistoric origins. There will be special emphasis on nineteenth-century developments among Indian and White cultures and the effect of the late pioneer heritage. Required by Social Studies-Education majors for the secondary teaching certificate in Oklahoma.
Prerequisite: U.S. History I & II (HP 1483, 1493) and Introduction to Historical Studies (HP 2112) OR permission of the instructor.
COURSE DESCRIPTIONS

HP 4393  Field Studies in History  (3 Hours)
A field course introducing students to the history of the United States or other regions of the Americas through reading coupled with visits to historic places. Topics of emphasis vary.

HP 4403  Topics in European History  (3 Hours)
This course examines selected topics in European History on a rotating basis. Topics include European Intellectual and Cultural History, the History of Science, Nationalism in Modern Europe, and The Quest for Empire. 
Prerequisite: World Civilization (HP 2003) and Introduction to Historical Studies (HP 2112) OR permission of the instructor.

HP 4433  Anti-Semitism & the Holocaust  (3 Hours)
A study of the history of anti-Semitism, with special attention to the twentieth-century Nazi phenomenon of the "final solution" which led to the Holocaust; Jewish responses to anti-Semitism; and reflections on the Holocaust. 
Prerequisite: World Civilization (HP 2003) and Introduction to Historical Studies (HP 2112) OR permission of the instructor. GSE: Sophomore standing.

HP 4443  History of Judaism  (3 Hours)
A study of Judaica from the Jewish commonwealth, through medieval and modern times. Attention will be given to the origins of American Judaism, and the role of Judaism in the contemporary scene; and the historic origins and development of Judaism in the ancient Near East.
Prerequisite: World Civilization (HP 2003) and Introduction to Historical Studies (HP 2112) OR permission of the instructor.

HP 4912  Senior Project  (2 Hours)
Students will work closely with History faculty to develop, research, and write an original undergraduate thesis. Required of all majors.

KINESIOLOGY & SPORT MANAGEMENT  (KSM)

KSM 1321  Intermediate Physical Activity I  (1 Hour)
A continuation of any PEG activity course. Permission of instructor required. 
Prerequisites: PEG I & II (1091/2091) of the same activity course.

KSM 1331  Advanced Physical Activity I  (1 Hour)
A continuation of any PEG activity course. Permission of instructor required. 
Prerequisites: PEG I & II (1321/2321) of the same activity course.

KSM 1511  Teaching & Performance of Weight Training  (1 Hour)
Instruction in weight training techniques for developing strength and endurance with emphasis on correct techniques for proper lifting and spotting, beginning overload, progression, maintenance, frequency, duration and rest, proper warm-up and cool down procedures. The relationship between strength training and health/wellness related benefits is emphasized.

KSM 1523  Care & Prevention of Athletic Injuries  (3 Hours)
This course is designed to introduce the student to the Profession of Athletic Training. The course will primarily focus on the prevention, recognition and evaluation, and the initial management and treatment of common athletic injuries. Organization, administration, education and counseling concepts will also be introduced to the student. Lecture and laboratory experiences will be blended to provide a practical approach for prospective coaches and Allied Health students.

KSM 1613  First Aid/ CPR, Safety & Lab  (3 Hours)
The purpose of First Aid and CPR is to teach the knowledge and skills that are needed for the emergency care of the injured or ill until medical care can be obtained. Initial management and prevention will be emphasized, and integrated into a lecture and laboratory format. Red Cross Certificates in First Aid and CPR will be given to those who qualify.

KSM 1624  Lower Extremity Injury Recognition/ Evaluation & Lab  (4 Hours)
This course is designed to introduce the student to the profession of athletic training. The course will primarily focus on the prevention, recognition and evaluation, and the initial management and treatment of common athletic injuries. Organization, administration, education and counseling concepts will also be introduced to the student. Lecture and laboratory experiences will be blended to provide a practical approach for prospective coaches, athletic training, and allied health students.
KSM 1630  Athletic Training Observation  (0 Hours)
A non-credit clinical experience designed to give both the student and faculty supervisor a chance to explore athletic training as a profession.

KSM 1713  Foundations of Kinesiology & Sport Management  (3 Hours)
An overview course dealing with basic concepts involved in Kinesiology and Sport Management careers, history, and early leaders. A study of future directions in Kinesiology and Sport Management are considered for the modern society.

KSM 2321  Intermediate Physical Activity II  (1 Hour)
Continuation of any PEG activity course. Permission of instructor required.  
**Prerequisite:** PEG 1321 I of the same activity course.

KSM 2331  Advanced Physical Activity II  (1 Hour)
A continuation of any PEG activity course. Permission of instructor required.  
**Prerequisite:** PEG 1331 I of the same activity course.

KSM 2512  Team & Lifetime Sports I  (2 Hours)
Skills, techniques, rules, and methods of individual (archery, golf, racquetball, and swimming) and team sports (hockey, basketball, soccer, volleyball, and team handball). For KSM Majors only.

KSM 2522  Team & Lifetime Sports II  (2 Hours)
Skills, techniques, rules, and methods of individual (tennis, cycling-mountain biking, track & field, weight training) Also team sports (baseball, softball, football, and ultimate). For KSM Majors only.

KSM 2531-3  Officiating  (1-3 Hours)
A study of rules, interpretation, and officiating techniques for basketball, volleyball, softball, soccer. Practical laboratory officiating experiences are required. Students who qualify through practical and written exams may become certified officials in that sport.

KSM 2541  Practicum/ Clinical Experience: Elementary  (1 Hour)
A field experience for the teacher candidate to observe modeling, class organization, preparation and actual teaching with an elementary student population.

KSM 2551  Practicum/ Clinical Experience: Secondary  (1 Hour)
A field experience for the teacher candidate to observe modeling, class organization, preparation and actual teaching with a secondary student population.

KSM 2613  Personal & Community Health  (3 Hours)
A study of the basic principles and practices of personal hygiene, drug, mental health and community health problems with emphasis on contemporary health problems.

KSM 2632  Athletic Training Practicum I  (2 Hours)
This course is clinical and intended to provide the student with hands-on experience in the prevention, treatment, & rehabilitation of athletic injuries under the direct supervision of the Clinical Instructor. The clinical experience will also provide the student with exposure to and practice in athletic training administration and management issues and skills.  
**Prerequisite:** Sophomore status, successful completion of KSM 1630, acceptance to the Student Athletic Training (SAT) program following previous Spring application & interview.

KSM 2642  Athletic Training Practicum II  (2 Hours)
This course is clinical and intended to provide the student with hands-on experience in the prevention, treatment, & rehabilitation of athletic injuries under the direct supervision of the Clinical Instructor. This experience will also provide the student with exposure to and practice in athletic training administration and management issues and skills.  
**Prerequisite:** 'A' or 'B' in Athletic Training I (KSM 2632).

KSM 2653  Introduction to Health Psychology  (3 Hours)
A study of psychological principles, behavioral medicine, and behavioral health theories and application of theories, particularly in relation to individual approach and treatment strategies. Focus will be on how and why individual health behavior affects the formation and/or management of stress, pain, chronic disease, and overall health or wellness.

KSM 2664  Upper Extremity Injury Recognition/Evaluation & Lab  (4 Hours)
This course will introduce the student to advanced Athletic Training Topics and provide a basis for injury assessment and field management of athletic injuries. Emphasis will be placed on basic and
advanced recognition and evaluation skills used in Athletic Training. Prevention, management/treatment and disposition, education and counseling concepts will also be integrated into a lecture and laboratory format.

**Prerequisite:** Lower Extremity Injury Recognition/Evaluation & Lab (KSM 1624).

**KSM 2671  Terminology for Health Professions** *(1 Hour)*  
A course to provide the student with terminology used by health care professionals. Includes classroom and computer assisted learning.

**Prerequisite:** General Psychology (PSY 1113).

**KSM 3512  Coaching** *(2 Hours)*  
A study of the principles of coaching with an emphasis on organization, coaching strategies, behavioral management, and unique responsibilities involved in coaching.

**KSM 3523  School Health/Safety Curriculum: K-12** *(3 Hours)*  
The course is designed to expose students to the new insights and concepts in curriculum development, teaching strategies, and professional services in school health education grade K-12.

**KSM 3532  Health, Safety, Nutrition, & P.E.** *(2 Hours)*  
Theory and laboratory course concerning methods and techniques of teaching health, safety, nutrition and physical education in the elementary schools. Emphasis on group organization and program planning for instruction in the progression of activities which will improve the health-related fitness components (cardiovascular fitness, muscular strength, muscular endurance, flexibility, and nutritional & body composition).

**KSM 3533  Methods in Elementary P.E.** *(3 Hours)*  
Theory, observation, participation, and laboratory course concerning methods and techniques of physical education in the elementary schools. Emphasis on group organization and program planning for instruction in progression and sequential curriculum of physical activities.

**Prerequisite:** Admission to professional semester.

**KSM 3542  Methods in Secondary P.E.** *(3 Hours)*  
Methods and materials for teaching physical education in the secondary schools. Admission to professional semester.

**Prerequisite:** Admission to professional semester.

**KSM 3613  Exercise Physiology** *(3 Hours)*  
Study of the physiological effects of physical exercise. Changes in muscular efficiency, fatigue, recovery, and neuromuscular control, with special references to activity, are studied.

**Prerequisite:** HS biology course with A or B grade.

**KSM 3624  Therapeutic Modalities & Lab** *(4 Hours)*  
This course is designed to provide the student with a basic understanding of the application and competent administration of therapeutic modalities. Lecture and laboratory experiences will provide a study of physiological, biomechanical and therapeutic concepts which will be integrated into a rationale for efficacious treatment.

**KSM 3652  Athletic Training Practicum III** *(2 Hours)*  
This course is clinical and intended to provide the student with hands-on experience in the prevention, treatment, & rehabilitation of athletic injuries under the direct supervision of the Clinical Instructor. The clinical experience will also provide the student with exposure to and practice in athletic training administration and management issues and skills.

**Prerequisite:** Junior status and grade of "A" or "B" in Athletic Training Practicum II (KSM 2642).

**KSM 3662  Athletic Training Practicum IV** *(2 Hours)*  
This course is clinical and intended to provide the student with hands-on experience in the prevention, treatment, & rehabilitation of athletic injuries under the direct supervision of the Clinical Instructor. This experience will also provide the student with exposure to and practice in athletic training administration and management issues and skills.

**Prerequisite:** "A" or "B" in Athletic Training Practicum III (KSM 3652).

**KSM 3713  Sociology of Sports** *(3 Hours)*  
Survey course dealing with sports known to various social groups and countries; brief glimpses into foreign approaches to games, sports, physical education, etc.; to prepare students to discuss current sport picture in modern world to include all major countries.
KSM 3723  **Sport Marketing and Promotions**  (3 Hours)
This course is designed for the student preparing for a career in exercise science and sport management. Emphasis is placed on theories, principles, and practices for developing, implementing, management, and marketing exercise and sport programs.

KSM 3734  **Practicum**  (4 Hours)
A course designed to give the student first-hand experience in planning, organizing, instructing, and management skills related to Kinesiology & Sport Management.
**Prerequisite:** Approval of advisor and KSM Department Chair.

KSM 4513  **Adapted/Inclusive Physical Education**  (3 Hours)
A course designed to acquaint the student with developmental and adaptive physical education and how it is to meet, through physical education methods and activities, the individual needs of persons who are handicapped in some respect; who have functional defects of deficiencies amenable to improvement through exercise; or who possess other inadequacies which interfere with their successful participation in the diversified and vigorous activities of the general physical education program.

KSM 4523  **Motor Learning**  (3 Hours)
A study of the processes and the organismic and situational factors related to the acquisition and performance of motor skills.

KSM 4533  **Research Measurement & Evaluation**  (3 Hours)
A study of principles, concepts, and application of measurement and evaluation including test selection, administration, statistical analysis, and interpretation of results. Emphasis will be placed on need for measurement and evaluation in a changing profession in a changing society. Use of computers and computer programs related to careers in teaching, health/wellness management, athletics, and exercise science will be presented.

KSM 4634  **Therapeutic Physical Rehab & Lab**  (4 Hours)
This course is designed to familiarize the student with the injury management process, and provide the student with an introduction to the basic concepts of athletic rehabilitation. The course will focus on the therapeutic progression of an athlete through an injury recovery process. Etiology, symptomatology, pathology, biomechanics, surgical management and non-surgical management will be discussed as they relate to the rehabilitation process. Counseling, home programs, and patient education concepts will be integrated into a lecture and laboratory experience for the student.
**Prerequisite:** Athletic Training II (KSM 4613), Exercise Physiology (KSM 3613), and Therapeutic Modalities & Lab (KSM 3624).

KSM 4643  **Administration & Management of Athletic Training Programs**  (3 Hours)
A study of the organization, administration, and professional standards regarding the knowledge and skills necessary for approaching and solving management/administration issues in an athletic training setting. Learning and application of management theories will be addressed from a problem-solving perspective through the use of case studies.

KSM 4652  **Athletic Training Internship I**  (2 Hours)
This course is to be an off-campus, summer experience arrangement (90 hours) made by the student and approved by the Athletic Training Program Director. The course is clinical and intended to provide the student with hands-on experience in the prevention, treatment, & rehabilitation of athletic injuries under the direct supervision of a Certified Athletic Trainer in a sport or setting not available to the student through the Practicum courses. The clinical experience will also provide the student with exposure to and practice in athletic training administration and management issues and skills.
**Prerequisite:** Grade of ‘A’ or ‘B’ in Athletic Training Practicum I & II (KSM 2632/2642).

KSM 4662  **Athletic Training Internship II**  (2 Hours)
This course is to be an off-campus, summer experience arrangement (90 hours) made by the student and approved by the Athletic Training Program Director. The course is clinical and intended to provide the student with hands-on experience in the prevention, treatment, & rehabilitation of athletic injuries under the direct supervision of a Certified Athletic Trainer in a sport or setting not available to the student through the Practicum or Internship I courses. The clinical experience will also provide the student with exposure to and practice in athletic training administration and management issues and skills.
**Prerequisite:** Grade of ‘A’ or ‘B’ in Athletic Training Practicum III (KSM 3652), Athletic Training Internship I (KSM 4652) and Athletic Training Practicum IV (KSM 3662).
KSM 4672  Athletic Training Practicum V (2 Hours)
This course is clinical and intended to provide the student with hands-on experience in the prevention, treatment, & rehabilitation of athletic injuries under the direct supervision of the Clinical Instructor. The clinical experience will also provide the student with exposure to and practice in athletic training administration and management issues and skills.
Prerequisite: Senior status and grade of 'A' or 'B' in Athletic Training Practicum IV (KSM 3662).

KSM 4682  Athletic Training Practicum VI (2 Hours)
This course is clinical and intended to provide the student with hands-on experience in the prevention, treatment, & rehabilitation of athletic injuries under the direct supervision of the Clinical Instructor. The clinical experience will also provide the student with exposure to and practice in athletic training administration and management issues and skills.
Prerequisite: Grade of 'A' or 'B' in Athletic Training Practicum V (KSM 4672).

KSM 4693  Biomechanics & Kinesiology (3 Hours)
A study of articulations and movements, and muscular analysis involved with various sports, exercises, rehabilitative programs and daily activities.
Prerequisite: Human Anatomy (BIOL 2224), Human Physiology (BIOL 2234), Exercise Physiology (KSM 3613), and General Physics I (PHYS 1114).

KSM 4713  Organization, Leadership, & Management of KSM (3 Hours)
A study of the challenges and problems associated with planning, organizing, scheduling, and marketing programs for Kinesiology & Sport Management. Emphasis will be placed on use, care, and maintenance of indoor and outdoor facilities.

KSM 4723  Sport Facility Management (3 Hours)
A study of the challenges and problems associated with the use, care, and maintenance of indoor and outdoor athletic facilities. Special emphasis will be placed on financing new facilities or renovation, retaining revenue generated by the facility, and event management.

KSM 4743  Seminar in KSM (3 Hours)
Directed intensive study on approved selected topics related to Kinesiology & Sport Management. Conferences, oral and written reports required.
Prerequisite: Approval of advisor and KSM Department Chair.

KSM 4751-3  Individual Study in KSM (1-3 Hours)
Directed intensive study on approved selected topics related to Kinesiology & Sport Management. Conferences, oral and written reports required.
Prerequisite: Approval of advisor and KSM Department Chair.

KSM 4766  Internship I (6 Hours)
A course designed to give the student experience in program planning, management, instruction, and marketing in Kinesiology and Sport Management. The student will be assigned to an agency related to the student's area of concentration.
Prerequisite: Senior standing and KSM Department approval.

KSM 4776  Internship II (6 Hours)
Continuation of Internship I. Both courses, Internship I & II, can be taken in the same semesters.

MANAGEMENT (MGT)

MGT 3113  Principles of Management (3 Hours)
A study of the functions of a business enterprise, the internal structure of a business organization, and the responsibility of executives. Classical, behavioral, and management science schools are considered. Experiential exercise, computer gaming, and contemporary reading are included in course requirements.

MGT 3123  Human Resource Management (3 Hours)
This course examines issues typically found in a corporate or institutional human resources function. The course focuses on both internal and external environmental influences which affect the management of human resources and HRM activities such as planning and staffing of the organization, performance evaluation and compensation, training and development, labor relations, and quality of work life.
MGT 3133  Small Business Management  (3 Hours)
The course is designed to acquaint the student with the opportunities and problems encountered in a small business enterprise. Class sessions are designed on a seminar basis. Managerial functions and processes as related to the small business environment are covered. A pragmatic approach to the real world environment is followed.

MGT 3203  Industrial/Organizational Psychology  (3 Hours)
A study of the individual and groups in complex organizations: organizational structure, organizational changes, and the organization in society. The course is concerned with motivation, worker satisfaction, and communication in organizations, personnel relations and other related factors.

MGT 4113  Management Information Systems  (3 Hours)
This course is concerned with the design of information systems required for management decision making. Problems of communication, information theory, document flow, and internal control are considered. The integration of data into a total information system is the ultimate consideration. The role and use of computers is emphasized.

MGT 4123  Business Policy  (3 Hours)
Formation and application of management policy; analysis and solution of cases in which students put to use knowledge acquired in such basic business courses on accounting, economics, finance, marketing, and statistics. 
Prerequisite: Principles of Accounting I & II (ACC 2113/2123), Macroeconomics (ECO 2113), and Principles of Management (MGT 3113).

MGT 4142  Production & Operations Management  (3 Hours)
A detailed study of manufacturing/operations management. Areas studied include: organizing, product development, production system, and work standards.

MGT 4153  Practical Problems in Management  (3 Hours)
This course is designed to be taught on an individual basis with a very limited enrollment. Students pursue special problems in business and make an in-depth analysis. The experiential approach to learning is used covering organization, environment technological, psychological, and managerial systems. 
Prerequisite: Principles of Management (MGT 3113), and three additional hours of Management.

MGT 4163  Behavioral Management  (3 Hours)
Course designed for small group interaction and research in behavioral aspects of management and employee relations. Areas studied include: organizational behavior, leadership, organizational environment, social environment, and communication processes.

MGT 4173  International Management  (3 Hours)
This course is designed to develop insight in the strategies and managing the operations of companies crossing national boundaries; to develop knowledge of economic, political and social perspectives of dealing with transnational organizations; and to create greater comfort in managing in the global environment.

MGT 4181-3  Internship/ Directed Study  (1-3 Hours)
Individual study of managerial problems in business. 
Prerequisite: Permission of the instructor and 3.00 GPA.

MARKETING  (MKT)
MKT 3113  Principles of Marketing  (3 Hours)
A study of marketing mix elements, trends, and the competitive social, economic, technological and regulatory influences which affect these factors.

MKT 3123  Salesmanship  (3 Hours)
Study of selling principles which develops the salesman’s responsibilities, preparation, sales processes, and sales management; preparing sales manuals, demonstrations, and using various selling techniques.
COURSE DESCRIPTIONS

MKT 3133 Retailing (3 Hours)
A study of the fundamentals of retailing including retail organization, store location, design, and layout, purchasing, personal selling, operating activities, personnel, merchandising policies, inventory control systems, and opportunities.

MKT 3153 Promotional Strategies (3 Hours)
An introductory course in promotions which involves analysis of promotional mix alternatives, introduction to each element, and focus on integrating the elements into a cohesive integrated marketing communication plan.

MKT 3163 Consumer Behavior (3 Hours)
Developing an understanding of the marketing function and applying it to the consumer decision-making process. An explanation of the consumer buying process, the psychological, social, economic, and global influences affecting consumer choices.

MKT 4133 Purchasing and Materials Management (3 Hours)
A study of the functions of logistics, purchasing, and materials management and the auxiliary services performed by the purchasing department, and the social, economic, and global influences of the function.

MKT 4163 International Marketing (3 Hours)
A focus on the global economic environment and its impact upon the marketing discipline. Emphasis is placed upon dealing with risks inherent in operating across international boundaries.

MKT 4173 Strategic Marketing (3 Hours)
An applied marketing course which includes tours of businesses in the Oklahoma City area and case studies concerning strategic marketing mistakes by familiar organizations.

MKT 4181-3 Internship/Directed Study (1-3 Hours)
Individual study of marketing problems or internship.
**Prerequisite:** Permission of instructor and 3.0 G.P.A.

MKT 4193 Marketing Research (3 Hours)
Review and analysis of information for marketing decision-making. Emphasis on hands-on marketing research including questionnaire design, administration, tabulating results, and reporting findings.
**Prerequisite:** Principles of Marketing (MKT 3113).

MASS COMMUNICATION/JOURNALISM (MCJL)

MCJL 2302 Graphics of Communication (2 Hours)
A study of the relationship between the verbal and visual elements of communication, including layout, typography, design and production processes.

MCJL 2313 Newswriting (3 Hours)
A study of the principles and practices of modern American journalism, especially as they apply to the newspaper. Students practice writing news stories and are provided opportunity to write for the college publications.

MCJL 2323 Survey of Mass Media (3 Hours)
An overview of the mass communication field that includes both print and broadcast media.

MCJL 2332 Photography (2 Hours)
A study of basic photography equipment and history with an emphasis on camera operation and composition. 35mm camera required.

MCJL 2353 Interviewing Techniques (3 Hours)
A practical course in how to conduct an interview as an interviewer. Basic interviewing skills are emphasized. Emphasis is on learning by doing. Skills learned apply to many settings.

MCJL 2361-3 Newspaper Practicum (1-3 Hours)
The class is made up of the staff of the Echo. Course may be repeated for additional credit.
**Prerequisite:** Enrollment in 2 or 3 hours credit requires approval by the faculty advisor.
MCJL 2371-3 Yearbook Practicum (1-3 Hours)
The class is made up of the staff of the Arrow. Course may be repeated for additional credit.
Prerequisite: Enrollment in 2 or 3 hours credit requires approval by the faculty advisor.

MCJL 2381 Broadcasting Practicum (1 Hour)
The class is made up of the crew of the campus television studio. Course may be repeated for additional credit.

MCJL 2513 Introduction to Recording Engineering (3 Hours)
Practical knowledge of and hands-on experience with recording equipment and recording industry. Taught in recording studio lab setting.

MCJL 2813 Introduction to Creative Writing (3 Hours)
Practice in crafting life-like characters and vivid settings and incorporating these in such genres as the short story, the drama, and the poem.

MCJL 3133 Writing for Christian Publications (3 Hours)
A professional writer's approach and "editor's eye-view" of current Christian markets to help the student write and submit publishable short stories, biographies, testimonies, news and feature articles, editorials, poems, and other marketable genres.

MCJL 3153 Promotional Strategies (3 Hours)
An introductory course in promotions which involves analysis of promotional mix alternatives, introduction to each element, and focus on integrating the elements into a cohesive integrated marketing communication plan.

MCJL 3303 Editing (3 Hours)
A study of and practice in preparation for copy for publication: headline writing, copyediting, evaluating news, rewriting news stories, news displays, and design. Emphasis on news writing.
Prerequisite: Newswriting (MCJL 2313).

MCJL 3313 Magazine Writing (3 Hours)
A study of the varieties and techniques of writing for magazines and periodicals, with ample practice in writing such stories and articles. Students will be encouraged to submit their work for publication.
Prerequisite: Newswriting (MCJL 2313) or Introduction to Creative Writing (CW 2813) recommended.

MCJL 3343 Writing for Broadcast (3 Hours)
Research, writing, and production techniques for video production in corporate and traditional broadcast news environments. This course will focus on advanced methods of editing with Final Cut Pro software.
Prerequisite: Newswriting (MCJL 2313).

MCJL 3363 Newspaper Editor Practicum (3 Hours)
A course designed for and limited to the editor of the college newspaper.

MCJL 3373 Yearbook Editor Practicum (3 Hours)
A course designed for and limited to the editor of the college yearbook.

MCJL 3383 Desktop Publishing (3 Hours)
An introductory computer and design class. Students will be taught how to use the latest Mac computers and desktop publishing programs including Pagemaker, Microsoft, Photoshop, and others (as purchased). Course emphases are layout and design, typography, spot color and 4-color printing, web design and presentation graphics.

MCJL 3393 Video Production (3 Hours)
Practice of planning and executing quality video projects in studio and freelance environments using iMovie and Final Cut Pro non-linear editing software.

MCJL 4003 Special Studies in MCJL (3 Hours)
General Studies Elective course in special topics.
MCJL 4203  Writing for Digital Media  (3 Hours)
A study of the transition of composition from the print age to the digital age. Emphasis will be placed on web design and composition techniques which adapt to mass media venues and internet distribution.

MCJL 4323  Broadcast News  (3 Hours)
Immersion in the broadcast news experience. Research, writing, and production of a weekly news program telecast to the Bethany community through cable access. Students will learn the method of non-linear digital editing.
Prerequisite: Newswriting (MCJL 2313) recommended.

MCJL 4343  Public Relations  (3 Hours)
The theory and practice of public relations will be the focus of this class. Through this course material, the student will learn the theory behind public relations and then will practice aspects of public relations through applicable exercises and assignments.

MCJL 4361-3  Special Studies in Mass Communication  (1-3 Hours)
Treatment of specific problems and trends in the field of mass communication. May be repeated for credit with different subject matter.

MCJL 4371-2  Communication Arts Colloquium  (1-2 Hours)
A capstone course for junior and senior majors designed to coordinate and integrate the work in each student's major field. Special emphasis given to career considerations.

MCJL 4381-3  Internship  (1-3 Hours)

MATHEMATICS  (MATH)

MATH 1113  Math Concepts: Discrete Math  (3 Hours)
A general education course designed to enhance the students' abilities to analyze and solve problems mathematically and to communicate their results in writing. Topics include networks, circuits, codes and cryptography.
Prerequisite: ACT Math score 15-23 and 2-3 years HS math including Geometry & Algebra I

MATH 1123  Math Concepts: Geometry & Topology  (3 Hours)
A general education course designed to enhance the students' abilities to analyze and solve problems mathematically and to communicate their results in writing. Topics include: tilings, transformations, polyhedra, and geometry on 2D surfaces.
Prerequisite: ACT Math score 15-23 and 2-3 years HS math including Geometry & Algebra I

MATH 1133  Math Concepts: Probability & Statistics  (3 Hours)
A general education course designed to enhance the students' abilities to analyze and solve problems mathematically and to communicate their results in writing. Topics include sampling, descriptive statistics, probability, and statistical inference. ACT Math score 15-23 and 2-3 years HS math including Geometry & Algebra I.
Prerequisite: ACT Math score 15-23 and 2-3 years HS math including Geometry & Algebra I

MATH 1143  Math Concepts: Math Structures  (3 Hours)
A general education course designed to enhance the students' abilities to analyze and solve problems mathematically and to communicate their results in writing. Topics include logic, numerals, numeration systems, number theory, real number system, and finite algebras.
Prerequisite: ACT Math score 15-23 and 2-3 years HS math including Geometry & Algebra I

MATH 1513  College Algebra  (3 Hours)
A study of linear, quadratic, polynomial, rational, exponential and logarithmic functions preparatory to the calculus. Graphical, numerical, and analytical approaches to functions are used.
Prerequisite: ACT Math score 24-30 and 3 years HS math including Geometry, Algebra II, and Advanced Math.

MATH 1613  Plane Trigonometry  (3 Hours)
A study of trigonometric functions through their properties and graphs.
Prerequisite: ACT Math score 24-30 and 3 years HS math including Geometry, Algebra II, and Advanced Math.
MATH 1781-3  Projects in Mathematics  (1-3 Hours)
Individual study in topics of particular interest to the general student. May be repeated.
Prerequisite: Permission of the instructor.

MATH 2324  Calculus I  (4 Hours)
An intuitive introduction to the basic concepts of Calculus: limits, derivatives, and integrals, using
graphical, numerical, and symbolic points of view. Development of the Calculus of algebraic and
elementary transcendental functions. Emphasis will be placed on using Calculus in problem solving.
Prerequisite: ACT Math score 28+, 4 years HS math including Geometry, Algebra II, and
Advanced Math. GSE: no prerequisite.

MATH 2424  Calculus II  (4 Hours)
A continuation of Calculus I (MATH 2324). A rigorous development of differential and integral
Calculus. Advanced topics on limits, continuity, differentials, and integration theory. Applications of
derivatives and integrals. Infinite series and functions as power series.
Prerequisite: Calculus I (MATH 2324) or one year of high school Calculus with permission of the
department. GSE: high school calculus and permission of instructor.

MATH 2524  Calculus III  (4 Hours)
A continuation of Calculus II (MATH 2424). Vectors in the plane, parametric equations, three-
dimensional vectors, solid analytic geometry, differential Calculus of functions of more than one
variable with applications to directional derivatives, gradients, line integrals, etc. Multiple integrals
in rectangular, polar, cylindrical, and spherical coordinates. Elementary differential equations
Prerequisite: Calculus II (MATH 2424).

MATH 3013  Discrete Mathematical Structures  (3 Hours)
Discrete mathematical structures and their applications. Applications to Computing and Information
Sciences are emphasized. Algorithms, modular arithmetic, elementary graph theory, Boolean
algebra, logic circuits, and elementary probability theory.
Prerequisite: College Algebra (MATH 1513) and Intro. to Computer Science I (CS 2443).

MATH 3103  Number Theory  (3 Hours)
An introduction to elementary number theory including divisibility, primes and their distribution,
decompositions and base-representations of integers, congruences, Fermat's theorems, multiplicative functions, and famous classes of numbers. Applications to cryptography. Emphasis on
students constructing proofs.
Prerequisite: Discrete Math Structures (MATH 3013) or Calculus III (MATH 2524).

MATH 3113  Differential Equations  (3 Hours)
Introductory course in ordinary differential equations with numerous applications from the physical
sciences and numerical solution of ordinary differential equations.
Prerequisite: Calculus II (MATH 2424) and Linear Algebra (MATH 3133).

MATH 3133  Linear Algebra  (3 Hours)
Study of linear algebra with primary emphasis on the theory of matrices with applications to
computer analysis.
Prerequisite: Calculus II (MATH 2424) or permission of the instructor.

MATH 3143  Probability and Statistics I  (3 Hours)
Study of discrete and continuous random variables and density functions based on their sample
spaces. Also an introduction to statistical methods and sampling theory.
Prerequisite: Calculus II (MATH 2424) or permission of the instructor.

MATH 3153  Probability and Statistics II  (3 Hours)
A continuation of Probability and Statistics I (MATH 3143) with emphasis on correlation and
regression, principles for statistical inference, testing goodness of fit and statistical design in
experiments.
Prerequisite: Probability & Statistics I (MATH 3143).

MATH 3191  Junior Colloquium in Mathematics  (1 Hour)
Directed readings and written reports in Mathematics and Math Education. Required of all majors in
mathematics.
MATH 3213 Introduction to Analysis (3 Hours)
Advanced study of the properties of real numbers and functions. Includes topics in continuity, sequences and series, integration, and differentiation.
Prerequisite: Calculus III (MATH 2524).

MATH 3223 History of Mathematics (3 Hours)
A survey of the historical development of mathematics. The focus of the course is on the progression of mathematical concepts from their origination to the present. Mathematicians who made significant contributions are highlighted.
Prerequisite: Calculus II (MATH 2424). GSE: one semester of college calculus or one year high school calculus.

MATH 4103 Introduction to Modern Algebra (3 Hours)
Definition of such formal algebraic structures as groups, rings, fields, and vector spaces, with a deduction of some of their theoretical properties. Experience in formal proofs and applications.
Prerequisite: Calculus II (MATH 2424) or permission of the instructor.

MATH 4123 College Geometry I (3 Hours)
Introduction to the foundations of geometry: language of sets, logic, and the axiomatic method. In particular, an advanced study of the Euclidean geometry of two or more dimensions.
Prerequisite: Calculus I (MATH 2324) or permission of the instructor.

MATH 4133 College Geometry II (3 Hours)
A continuation of College Geometry I. A systematic study of geometric structures other than the Euclidean.
Prerequisite: College Geometry I (MATH 4123).

MATH 4153 Complex Variables (3 Hours)
Study of theory and applications of functions of a complex variable. Includes topics in elementary analytic functions, complex integration, series representations, residue theory, and conformal mapping.
Prerequisite: Calculus III (MATH 2524).

MATH 4171 Mathematics Seminar (1 Hour)
An integration and review of all the courses in mathematics completed or in progress. Required of all majors in mathematics.

MATH 4181-3 Topics in Mathematics (1-3 Hours)
Advanced study of a specific topic in Mathematics. Suggested areas: Topology, Numerical Analysis, Mathematical Models, or others. May be repeated.
Prerequisite: Calculus III (MATH 2524) and permission of the instructor.

MATH 4191 Senior Research in Mathematics (1 Hour)
In-depth individual study of a selected topic in Mathematics or Math Education.

MISSIONS (MISS)
MISS 2113 Introduction to Christian Missions (3 Hours)
An introduction to the study of Christian missions. Consideration is given to: (1) the biblical and theological basis of missions; (2) the relation of the missionary to the total Church; (3) the call, personal qualifications and selection of missionary personnel; (4) the nature and objectives of missionary work.

MISS 2133 Nazarene Missions (3 Hours)
A survey of the missionary activity of the Church of the Nazarene since its inception, including current programs and policies of the denomination regarding world evangelization.

MISS 2243 Modern Missionary Movement (3 Hours)
A survey of the modern missionary movement from its inception with William Carey in the late 18th century to the present. Emphasis will be given to major personalities and organizations in the movement.
Prerequisite: GSE: no prerequisite.
MISS 2253  Missions Strategies (3 Hours)
The role of various methods in missions as they contribute to evangelism. The purpose and relationships of such methods as agricultural, economic development, educational, literature, medical, and radio missions are explored.

MISS 3113  Perspectives on World Christian Movement (3 Hours)
A multi-faceted study of the biblical, historical, cultural and strategic dimensions of the task of world evangelization.

MISS 3181-3  Ministry Experience (1-3 Hours)
Active work in a ministry setting under supervision, along with classroom study directed towards reflection upon and understanding of the actual ministry situations and experiences. May be repeated for up to three hours credit.

MISS 3231-3  Mexican Field Studies (1-3 Hours)
A unique travel-study experience in Mexico. It is designed to help the student experience first-hand the culture and environment of a Spanish-speaking country, learn something of the history of Mexico and advance in personal development toward a broader view of humanity and appreciation for cultures different from our own.

MISS 4113  International Relations (3 Hours)
An analysis of international politics as well as a study of the factors that govern both peaceful and belligerent interactions among nation-states. There will be an emphasis on such factors as nationalism, colonial and economic imperialism, power and ideology and international law and organization.
Prerequisite: Junior standing or American Federal Government (HP 1113).

MISS 4123  Modern East Asia (3 Hours)
A study of the political and economic development of East Asia (China, Japan, Korea) since 1850 with special attention given to the development of Communism in China and North Korea, and the "economic miracles" in Japan and South Korea.
Prerequisite: Sophomore standing or American Federal Government (HP 1113).

MISS 4133  Church Growth & Christian Mission (3 Hours)
A study of the principles of church growth and church planting with special attention to the theological, sociological, and cultural aspects which may affect the rate and patterns of church expansion.

MISS 4163  Theology of Christian Missions (3 Hours)
A study of the underlying principles and theological presuppositions of the Christian mission in relation to other cultures and non-Christian religions.

MISS 4183  Cultural Anthropology (3 Hours)
A cross-cultural approach to a study of race, culture, and society which provides understanding toward effective communication of the gospel.
Prerequisite: GSE: Sophomore standing.

MISS 4213  Communication in Conflict Management (3 Hours)
The study and practice of communication as interpersonal behavior and relationship with emphasis upon the individual and his/her management of conflict situations through specific tactics and strategies. Extensive use of cases and simulations illustrating conflict problems and management in personal, family and professional situations.

MISS 4223  Mission Topics (3 Hours)
Selected topics related to missions such as culture and evangelism, linguistics, area studies and issues in missiology. The course is taught subject to interest and specialization of the Garner Chair of Missions professor.

MISS 4233  Intercultural Communication (3 Hours)
An introduction to the communication, which takes place when people of different cultures interact. This course surveys differences in cultures, which can create obstacles to understanding and communication and offers suggestions for dealing with these obstacles.
Prerequisite: GSE: junior standing.
MISS 4273  Linguistics  (3 Hours)
A comprehensive study of current linguistic theory including morphology, phonology, syntax, semantics and pragmatics. Formation and evolution of language change and variations within a language and between languages are also covered.

MISS 4281-3  Directed Study in Missions  (1-3 Hours)

MISS 4333  World’s Living Religions  (3 Hours)
A study of the major religions of the world and its literature, with special emphasis on the religions of the Orient and the Near East.
Prerequisite: GSE: junior standing.

MISS 4381-3  Ministry Intensive  (1-3 Hours)
Work in a supervised ministry setting in connection with the SNU Ministry Internship Scholarship Program. The student is directed towards reflection upon and understanding of the actual ministry situations and experiences of the Internship Program. May be repeated for up to three hours of credit.

MUSIC EDUCATION  (MED)
MED 2300  Recital Attendance  (0 Hours)
Music majors/minors required to attend designated number of live performances each semester.

MED 3211  Introduction to Opera  (1 Hour)
An overview of opera throughout history with an emphasis on experiencing the masterpieces of great composers.

MED 3222  Vocal Literature and Diction I  (2 Hours)
A study of the International Phonetic Alphabet, with concentration on English and Italian pronunciation, and combined with a study of solo vocal literature in these languages.

MED 3231  Vocal Literature and Diction II  (1 Hour)
A study of basic German and French diction with an emphasis on using the International Phonetic Alphabet as a tool to correctly produce the language sounds, combined with a study of solo vocal literature in these languages.

MED 3302  Music History I: Ancient to 1600  (2 Hours)
A survey of Western art music from its origins in classical Greek culture through the contrapuntal techniques of the 16th century. Development of awareness of styles and formal procedures through study of representative composers and works.

MED 3311  Brass Methods  (1 Hour)
An introduction to the fundamental skills and knowledge of the brass instruments for teaching in the public schools.

MED 3321  Percussion Methods  (1 Hour)
An introduction to the fundamental skills and knowledge of the percussion instruments for teaching in the public school.

MED 3331  Woodwind Methods  (1 Hour)
An introduction to the fundamental skills and knowledge of the woodwind instruments for teaching in the public schools.

MED 3341  String Methods  (1 Hour)
An introduction to the fundamental skills and knowledge of the string instruments for teaching in the public schools.

MED 3352  Keyboard Pedagogy  (2 Hours)
A study of teaching techniques for keyboard instruments. Discussion of individual and class instruction and review of current published teaching methods. Students must enroll concurrently in Keyboard Literature (MED 3411).

MED 3362  Vocal Pedagogy  (2 Hours)
Basic principals in training the vocal instrument including specific physiological information and teaching techniques. Practical teaching application included by student-taught lessons.
M ED 3372  Conducting I  (2 Hours)  
Basic principles in conducting technique, interpretation, and elements of expression.

M ED 3382  Conducting II  (2 Hours)  
The musical scores, rehearsal procedures, concert, competition and festivals. Separate emphasis on choral and instrumental.

M ED 3391  Fundamentals of Instrumental Methods  (1 Hour)  
Provides the vocal music education student with a functional knowledge of woodwinds, brass, strings and percussion.

M ED 3411  Keyboard Literature  (1 Hour)  
A study of major works of significant keyboard composers from 1600 to the present. Students must enroll concurrently in Keyboard Pedagogy (M ED 3352).

M ED 3442  String Pedagogy  (2 Hours)  
A study of teaching techniques for string instruments. Discussion of individual and class instruction and review of historical and current teaching systems and philosophies.

M ED 4322-3  Music History II: 1600-1825  (2-3 Hours)  
A continuation of M ED 3302 with emphasis on the Baroque and Classical eras. Can be taken for three hours credit with addition of a research paper.

M ED 4332-3  Music History III: 1825 to present  (2-3 Hours)  
A continuation of M ED 4322-3 with emphasis on the Romantic and 20th Century eras continuing to music of the present day. Can be taken for three hours credit with addition of a research paper.  
Prerequisite: permission of instructor

M ED 4342  Marching Band Techniques  (2 Hours)  
Study of special techniques required for organizing and training marching bands in the public schools. Problems of planning and charting football formations for various sized bands; organizational and rehearsal programs.

M ED 4352  Elementary Music Methods  (2 Hours)  
Methods for teaching music in the elementary school.

M ED 4362  Secondary Music Methods  (2 Hours)  
Methods for teaching music in the secondary school.

M ED 4381-3  Music Business Internship  (1-3 Hours)

M ED 4965  Student Teaching: Elementary  (5 Hours)  
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas.  
Prerequisite: Senior standing and admission to the Professional Semester. (Liability insurance included in 'Professional Semester' fee).

M ED 4995  Student Teaching: Secondary/7-12  (5 Hours)  
A course designed to give the student teacher first-hand experience in the school situation through observation/teaching in accredited schools of the surrounding areas.  
Prerequisite: Senior standing and admission to the Professional Semester. (Liability insurance included in 'Professional Semester' fee).

MUS I C ENSemble  (MENS)
MENS 1531  Women's Ensemble  (1 Hour)  
Open by audition to all ladies, the Women's Ensemble offers students an opportunity for performance of quality music on and off campus. Schedule demands are less intense than for the other vocal ensembles. Participation with the Choral Society each Fall is required.

MENS 1581  Men's Chorus  (1 Hour)  
Open by audition to all men, the Men's Chorus offers students an opportunity for performance of quality music on and off campus. Schedule demands are less intense than for the other vocal ensembles. Participation with the Choral Society each Fall is required.
MENS 2501  Jazz Band (1 Hour)
Audition only. Open to trumpet, trombone, axophone, and rhythm players. The Jazz Band performs literature from the big band era to contemporary jazz. Performs in schools, special events, and travels regionally and internationally. May be repeated.
Prerequisite: Permission of Director.

MENS 2511  Symphonic Band (1 Hour)
Open to all students by audition. Required for wind and percussion majors. Secular and sacred literature from all periods of music are performed in churches, schools, on-campus and special events. Tours regionally and internationally. May be repeated.
Prerequisite: Permission of Director.

MENS 2521  SNU Metropolitan/Chamber Orchestra (1 Hour)
Open to string and wind players by audition; required for string majors. May be repeated. Sacred and secular literature performed in a variety of venues. Performs on campus and in churches across the region.
Prerequisite: Permission of Director.

MENS 2531  Brass Choir (1 Hour)
Open to selected brass players. Audition only. The brass choir performs all types of literature for churches, schools, on-campus and special events. Tours regionally and internationally. May be repeated. Permission of Director.
Prerequisite: Permission of Director.

MENS 2541  Percussion Ensemble (1 Hour)
Select ensemble of percussionists who perform on campus, in the community and on the region. Annual audition.
Prerequisite: Permission of the instructor.

MENS 2551  Choral Society (1 Hour)
A large choral group that performs major and minor choral works each Fall semester. Required of all voice and keyboard majors; open to any qualified student or member of the University or community. Concurrent enrollment required for students enrolled in other choral ensembles.
Prerequisite: Permission of the instructor.

MENS 2571  Handbell Choir (1 Hour)
Select ensemble of handbell ringers who perform on campus, in the community, and on the region.
Prerequisite: Permission of the instructor.

MENS 2591  Chamber Ensemble (1 Hour)
String quartet established by audition. Performance opportunities on and off campus; wide range of repertoire studied in addition to sight reading.

MENS 3511  Symphonic Band (Upper Division) (1 Hour)
Prerequisite: Four credits in Symphonic Band (MENS 2511).

MENS 3521  Choral Society (Upper Division) (1 Hour)
Prerequisite: Two credits of Choral Society (MENS 2561).

MENS 3561  SNU Chorale (1 Hour)
SNU's premier choir, the Chorale is dedicated to the study and performance of the finest choral literature (sacred and secular) of all musical eras. Performances are given for churches and a variety of university and community events. The Chorale tours every Spring, yearly alternating regional and international musical missions tours. Numbering around 45 singers, members are selected by competitive auditions from students across the University. Concurrent enrollment in Choral Society is required.

MENS 3571  University Singers (1 Hour)
The University Singers is SNU's most active ensemble. Repertoire includes the best in traditional and contemporary sacred and secular music as well as the presentation of a Broadway musical. This 16-member ensemble travels throughout the region and takes an international musical missions tour every other year. Membership is by audition only. Concurrent enrollment in Choral Society is required.

MENS 3591  Chamber Ensemble (1 Hour)
String quartet established by audition. Performance opportunities on and off campus; wide range of repertoire studied in addition to sight reading.
MUSIC THEORY (M TH)

M TH 1322 Survey of Music (2 Hours)
Designed to introduce various musical components to freshman music majors and minors. Included in the course are discussions about music careers, practice habits, the impact of music on our lives, and the integration of music with faith. The class also contains a listening component, study of historical facts and music periods, and study of musical form.

M TH 1332 Fundamentals of Music (2 Hours)
Stresses written theory and provides a gradual introduction to aural skill development. It includes the study of foundational musical elements such as rhythm, intervals, triads, key signatures, primary chord structures and basic harmonic analysis. Students will be tested upon entry to the School of Music with the possibility of waiving this course. Meets three days per week. Concurrent enrollment in Survey of Music required.

M TH 1342 Harmony I (2 Hours)
Introduces part-writing skills, secondary chords, seventh chords, secondary dominants, modulation, analysis of scores, and musical composition. Concurrent enrollment in Aural Theory I required.

M TH 1352 Aural Theory I (2 Hours)
Applies the study and appreciation of basic music theory to listening and analysis. Experiences include melodic and harmonic dictation and sight singing. Concurrent enrollment in Harmony I required.

M TH 2322 Harmony II (2 Hours)
Continues the concepts covered in Harmony I and introduces altered chords and macroanalysis. Concurrent enrollment in Aural Theory II required.

M TH 2332 Harmony III (2 Hours)
Extends the study of altered chords and introduces 20th century theory. Concurrent enrollment in Aural Theory III required.

M TH 2342 Aural Theory II (2 Hours)
Continues the concepts covered in Aural Theory I. Concurrent enrollment in Harmony I required.

M TH 2352 Aural Theory III (2 Hours)
Advances melodic, rhythmic and harmonic dictation and sight singing through the study of chord progressions, modulations, and seventh chords. Concurrent enrollment in Harmony III required.

M TH 2513 Introduction to Recording Engineering (3 Hours)
Practical knowledge of and hands-on experience with recording equipment and recording industry. Taught in recording studio lab setting.

M TH 2541 Introduction to Production Technology (1 hour)
An overview of the technology required for basic productions, geared primarily for the church setting, including sound reinforcement, lighting, and computer generated graphics.

M TH 3431-2 Music Technology (1-2 Hours)
The study of electronics in music through use of computers and synthesizer. Emphasis on MIDI technology. Special project required for a second credit hour.

M TH 4413 Counterpoint (3 Hours)
Melodic treatment in two, three, and four part writing, using the principles as set forth in 18th century style.

M TH 4423 Music Analysis (3 Hours)
Analysis of primary forms, rondo, sonatina, sonata-allegro, and irregular forms.

M TH 4432 Orchestration (2 Hours)
Practical introduction of the instruments of the orchestra, including range, transposition, tonal colors, and combination of instruments, arranging music for strings, woodwind, brass, and percussion.
COURSE DESCRIPTIONS

M TH 4442 Arranging (2 Hours)
Choral and/or instrumental music arranging. The writing and arranging of choir and/or instrumental music to meet the needs of many types of performing groups.

M TH 4481-3 Directed Study (1-3 Hours)

NATURAL SCIENCE (N S)

N S 1113 Introduction to Biological Science (3 Hours)
An introduction to the systematic methods of studying man-land relationships, including physical geography and economics. The course is designed to meet the basic geography course requirements of an Elementary Education major as well as physical science with lab credit for Track II & III students and is a fundamental course for any Social Science major or minor.

N S 1123 Introduction to Astronomy (3 Hours)
An introduction to the models and nomenclature of modern astronomy with emphasis on conceptual as well as mathematical comprehension. The history of astronomy and its impact on thought and culture, the description of the instruments and techniques of modern astronomy, and the interpretation of information gained by such is emphasized. The history and composition of our solar system, the evolution of stars and other stellar objects, the formation and structure of galaxies, and the probable origin of the universe itself are described through theories of modern physics and cosmology. Laboratory work includes observations with departmental telescopes.

N S 1143 Earth and Sky (3 Hours)
A hands-on, integrated and multi-disciplinary survey of selected topics in chemistry, astronomy, physics and geology. Instruction features about two-dozen experiments that can be performed with everyday items. Experiments are tied to a "story line" and a set of concepts that relates them to fundamental principles of physical science. The course also includes some discussion of the values, methods, limitations, applications and philosophy of science.

N S 1213 Physical Geography (3 Hours)
An introduction to the systematic methods of studying man-land relationships, including physical geography and economics. The course is designed to meet the basic geography course requirements of an Elementary Education major as well as physical science with lab credit for Track II & III students and is a fundamental course for any Social Science major or minor.

N S 3043 Science, Technology, & Society (3 Hours)
A capstone General Education CORE course. Examines the influence of science and its applications through technology on individual lives, on society, and on how we view ourselves in the universe. Prerequisite: Junior standing or completion of at least 15 General Education CORE hours. Intro to Philosophy (PHIL 2013) and Introduction to Christian Thought (THEO 2233) recommended.

N S 3264 Field Geology Au Sable (4 Hours)
Geology as the context of ecosystems and human settlements. An introductory geology course with emphasis placed upon field observations of geological processes, both past and present. Although glacial geomorphology is a dominant theme, such topics as mineral and rock classification, seismology, groundwater flow, fossil fuel resources, climatic change, map interpretations, and fossil identification are also included. Prerequisite: One year of introductory science.

NURSING (NURS)

NURS 1311 Introduction to Nursing (1 Hour)
A course to acquaint the student with the development of nursing from its beginning to the present. Major contributors and their contributions to nursing are discussed. Focus is on beginning socialization into nursing. Students are introduced to the major concepts in the philosophy of the School of Nursing. Concepts basic to nursing are introduced.

NURS 2102-3 Pharmacology (2-3 Hours)
Pharmacological concepts related to the classifications of medications as well as the nursing implications for administering the medications will be discussed. Dosage calculations for all forms of medications will be utilized.

NURS 2323 Nutrition (3 Hours)
The principles of basic nutrition and specific nutrients will be discussed. Life cycle nutrition with varied needs will be addressed. Disease states with emphasis on nutrition concerns will be introduced.
NURS 2404 Health Assessment (4 Hours)
A theoretical basis for holistic health assessment of well and ill individuals across the lifespan is presented. Instruction and practice in taking comprehensive histories and performing system and region-specific physical examinations are provided, and findings are documented, analyzed, and interpreted as they are relevant to the practice of nursing at the baccalaureate level.

NURS 2436 Foundations of Nursing (6 Hours)
Concepts basic to nursing are introduced. The nursing process is utilized in caring for individuals and families experiencing wellness-illness. Utilization of theory-based interventions is emphasized through clinical practice.

NURS 3344 Nursing Care of Childbearing Family (4 Hours)
Review of the spiritual, intellectual, physical, emotional and social concepts which occur in childbearing. The development of the family within the context of the culture is explored, both from an individual, family, and group perspective. Health maintenance and promotion will be studied. Those theories and concepts are then applied in the process of nursing care to promote wellness in the life span through clinical experiences, care plans and in the completion of a family study.

NURS 3354 Mental Health Nursing (4 Hours)
Focuses on the holistic understanding of physical, intellectual, emotional, spiritual and social aspects of life that impact the mental health of individuals, families and communities.

NURS 3416 Adult Nursing I (6 Hours)
Building upon concepts presented in prerequisite courses, the nursing process, critical thinking and current research are applied in caring for adults with increasingly complex disturbances of health in the following systems: integumentary, eye/ear, reproductive, musculoskeletal, endocrine, gastrointestinal and urinary. Nursing care focuses on enabling individuals and their families to achieve the highest possible level of wellness.

NURS 3424 Nursing Care of the Child (4 Hours)
The physical, intellectual, emotional, social and spiritual development of the child is examined. Health maintenance and promotion of the well child is explored. Disease processes and health problems common to childhood are studied. These theories and concepts are applied to the process of nursing care to promote wellness in infancy through adolescence by clinical experiences in a variety of multi-cultural settings.

NURS 4333 Community Health Nursing (3 Hours)
Concepts related to issues in caring for community, state, national and international populations are discussed. Emphasis is placed on the role of the nurse to promote wellness within populations. Community agencies and international opportunities are utilized for clinical practice.

NURS 4342 Nursing Research (2 Hours)
The scientific approach to nursing practice is explored. Knowledge of the research process is expanded through critical analysis of nursing research articles. The course is designed to assist the student to apply research findings appropriately in nursing practice and education.

NURS 4372 Professional Trends and Issues (2 Hours)
Legal, ethical, and economic trends and issues, and current events affecting the delivery of health care and nursing practice are explored and analyzed. Emphasis is on socialization of the new graduate into the practice of professional nursing.

NURS 4416 Adult Health II (6 Hours)
Building upon concepts presented in prerequisite courses, the nursing process, critical thinking and current research are applied in caring for adults with increasingly complex disturbances of health in the following systems: cardiovascular, peripheral vascular, respiratory, immune/hematologic and neurologic. Nursing care focuses on enabling the individuals and their families to achieve the highest possible level of wellness.

NURS 4423 Gerontologic Nursing (3 Hours)
The spiritual, intellectual, physical, emotional and social needs of the older client are examined. Emphasis is placed on the physiologic changes associated with aging, the adaptation to these changes and common health care problems confronted by the aging adult. Specific emphasis is given to the nursing interventions necessary for this population. A variety of inpatient and outpatient clinical experiences are provided.
PHILOSOPHY (PHIL)

PHIL 2013  Introduction to Philosophy  (3 Hours)
A General Education CORE course. A course designed to get students to "do" philosophy by considering relevant issues and problems in the human pursuit of a rational understanding of the cosmos.
Prerequisite: Comp. II (ENGL 1213) or one freshman semester completed. Introduction to World Civilization (HP 2003) recommended.

PHIL 3003  Special Studies in Philosophy  (3 Hours)
General Studies Elective course in special topics.

PHIL 3103  History of Ancient & Medieval Philosophy  (3 Hours)
An historical survey and analysis of the emerging and persistent problems of philosophy beginning with the pre-Socratics, Plato and Aristotle, and concluding with St. Augustine, St. Thomas and other medieval thinkers.
Prerequisite: GSE: no prerequisite.

PHIL 3113  History of Modern Philosophy  (3 Hours)
A survey and study of the central, enduring problems of philosophy as reflected by thinkers of the Renaissance, Continental Rationalism, British Empiricism, Kantian Transcendentalism, Hegelian Absolutism, Idealism, and early Existentialism.

PHIL 3123  Logic  (3 Hours)
An explication of the processes of inductive and deductive logic. There is emphasis on terms, propositions, syllogistic and inferential procedures, fallacies, propaganda, and the methods of scientific inquiry. Modern symbolic logic is also introduced.
Prerequisite: GSE: no prerequisite.

PHIL 3181-3  Readings in Philosophy  (1-3 Hours)
Study in approved subjects and literature in the field of philosophy is permitted. The procedure represents an intense interest and diligent research on the part of the student guided by the instructor with regular weekly class sessions.
Prerequisite: Junior standing required.

PHIL 3223  Ethics  (3 Hours)
A course which extends the centuries-old debate about "How does one determine the morality of any action?" and, "How can one resolve ethical dilemmas?"
Prerequisite: GSE: Sophomore standing.

PHIL 4003  Special Studies in Philosophy  (3 Hours)
General Studies Elective course in special topics.

PHIL 4113  Developments in Contemporary Phil  (3 Hours)
The main problems of pragmatism, neorealism, logical positivism, phenomenology, existentialism and analytic philosophy are carefully surveyed and analyzed.

PHIL 4123  Philosophy of Religion  (3 Hours)
Attention is given to the meaning of religion, the relation of faith and reason, the nature and validity of religious experience, the arguments for the existence of God, the nature of good and evil, the knowledge of God and the theories of religious language.
Prerequisite: Introduction to Philosophy (PHIL 2013).

PHIL 4181-3  Directed Study  (1-3 Hours)

PHIL 4192-3  Seminar in Philosophy  (2-3 Hours)
An advanced course designed to deal intensively with a topic of current philosophical significance. The content varies so that credit may be obtained in successive semesters. A wide variety of subjects makes the course attractive to students of all fields, and by permission of the instructor special students may be admitted to the class even though not of advanced standing.

PHIL 4273  Linguistics  (3 Hours)
A comprehensive study of current linguistic theory including morphology, phonology, syntax, semantics and pragmatics. Formation and evolution of language change and variations within a language and between languages are also covered.
PHIL 4333  World's Living Religions  (3 Hours)
A study of the major religions of the world and its literature, with special emphasis on the religions of the Orient.
Prerequisite: GSE: junior standing.

PHYSICAL EDUCATION GENERAL (PEG)
PEG 1001  Lifetime Wellness  (1 Hour)
A combined lecture and aerobic activity course designed to instruct the student in health-related principles and techniques for total well-being. The class will include three weeks of lecture, ten weeks of a specific physical activity course, and then two weeks of lecture to evaluate the activity course's effect on specific health/wellness components. Any PEG activity course can be used for this course.

PEG 1011  Aerobic Exercise I  (1 Hour)
A course designed to develop and maintain aerobic fitness through vigorous exercise workouts using music to create an atmosphere of motivation and fun. Related topics covered are fitness assessments, personal training strategies, body composition, nutrition and diet. Emphasis on low impact.

PEG 1021  Aerobic Circuit Exercise I  (1 Hour)
A course designed to develop and maintain aerobic fitness through vigorous exercise workouts using various exercise modes of training. Exercise may include walking/jogging, rope jumping, calisthenics, stretching, light weight lifting, and specific exercises for each individual.

PEG 1031  Water Aerobics I  (1 Hour)
Instruction and techniques involving development of muscular strength, endurance, stamina, flexibility, agility, and development of aerobic fitness through water exercises.

PEG 1041  Beginning Swimming  (1 Hour)
Basic instruction of beginning strokes and skills. Additional skills: surface dives, turns, underwater swimming, and lifesaving assists. Lap swimming for aerobic fitness is emphasized.

PEG 1051  Weight Training I  (1 Hour)
Instruction in weight training techniques for developing strength and endurance with emphasis on correct techniques for proper lifting and spotting, beginning overload, progression, maintenance, frequency, duration and rest, proper warm-up and cool down procedures. The relationship between strength training and health/wellness related benefits is emphasized.

PEG 1061  Karate I  (1 Hour)
Instruction in basic techniques and skills for self-defense. Course includes the history and traditions of the martial arts as they evolved into self-defense. The relationship between self-defense and health/wellness related benefits is emphasized.

PEG 1071  Tennis I  (1 Hour)
Instructions in basic tennis skill, rules, etiquette, history, strategies for singles, doubles, and mixed doubles. Includes demonstration, match play experience, and class tournament play.

PEG 1081  Badminton I  (1 Hour)
Instruction in basic badminton skills, rules, history, terminology, etiquette, and playing strategies for singles, doubles, and mixed doubles.

PEG 1091  Sport Conditioning I  (1 Hour)
The relationship between specific sports and health/wellness is evaluated. A conditioning program will be prescribed by the coach. The health/wellness components will be reevaluated at the end of the course. Student must be a member of a varsity sport at SNU.

PEG 1211  Horsemanship I  (1 Hour)
Instruction in basic Western riding techniques in an arena and trail setting, care and management procedures, with emphasis places on safety for both the rider and the horse. Basic vocabulary and fundamentals of horsemanship will be stress. Riding labs will provide opportunity for hands on proficiency to learn the basic riding maneuvers.
PEG 1221 Golf I (1 Hour)
Fundamental instruction for inexperienced and beginning golfers including true theory, mechanics, and basic fundamentals of golf, rules, etiquette, and use of irons and woods.

PEG 1231 Volleyball I (1 Hour)
Beginning skills, strategy, rules, and game experience in volleyball.

PEG 1241 Backpacking I (1 Hour)
Instruction in basic wilderness backpacking including equipment, food preparation, cooking, walking the trails, route finding, backpacking essentials, trail and camping ethics. Recent innovations in backpacking gear and clothing will be covered. Three day backpacking trip required as part of the course.

PEG 1251 Sailing I (1 Hour)
Instructions and practice in learning to sail a lateen sail boat safely. Includes emphasis on reading the wind, points of sailing, right-of-way rules, and learning to sail a triangular course, equipment care, safety, and rigging and unrigging.

PEG 1271 Basketball I (1 Hour)
Fundamental instruction for the beginner and experienced basketball player. Student will cover the basic fundamentals to increase skill level.

PEG 1321 Intermediate Physical Activity I (1 Hour)
A continuation of any PEG activity course.
Prerequisite: PEG I & II (1091/2091) of the same activity course and permission of instructor.

PEG 1331 Advanced Physical Activity I (1 Hour)
A continuation of any PEG activity course.
Prerequisite: PEG I & II (1321/2321) of the same activity course and permission of instructor.

PEG 1411 Bowling I (1 Hour)
Fundamental skills of bowling including stance, approach, delivery, aiming, and follow through. Practice in etiquette, scoring terminology, and some forms of competition.

PEG 1421 Racquetball I (1 Hour)
Instruction in fundamental skills including proper stroke techniques, safety, court position, rules history, strategies for singles, doubles, and mixed doubles.

PEG 1441 Lifesaving (1 Hour)
Instruction in American Red Cross life saving techniques. A review of the nine styles of swimming. 
Prerequisite: Ability to swim one-quarter mile using front crawl, side and breaststroke, ability to perform front dive, surface dive, tread water, and swim underwater.

PEG 1461 Walking I (1 Hour)
A course designed to develop and maintain aerobic fitness through walking. Related topics covered are biomechanical analysis, fitness assessments, personal training strategies, body composition, nutrition and diet.

PEG 1471 Target/Field Archery I (1 Hour)
Instruction in fundamentals, rules, safety, history, essential tackle, and language of Target and Field Archery. Target Archery first eight weeks indoors; Field Archery second eight weeks outdoors on a seven-target outdoor range of distances from 10 to 60 yards.

PEG 2011 Aerobic Exercise II (1 Hour)
Continuation of instruction in aerobic exercise principles, techniques and practices. Student is encouraged to explore a variety of movements for developing and maintaining the highest fitness level possible.

PEG 2021 Aerobic Circuit Exercise II (1 Hour)
Continuation of instruction in aerobic exercise principles, techniques and practices. Student is encouraged to explore a variety of movements for developing and maintaining the highest fitness level possible.
PEG 2031 Water Aerobics II (1 Hour)
Continuation of Water Exercise I. Emphasis on improving student aerobic fitness and endurance status. Water jogging and innovative water exercise techniques will be stressed.

PEG 2041 Water Exercise-Lap Swimming (1 Hour)
Continuation of Beginning Swimming. Emphasis on improving student aerobic fitness and endurance status through lap swimming.

PEG 2051 Weight Training II (1 Hour)
Continuation of Weight Training I. Greater emphasis will be placed on circuit training & aerobic endurance.

PEG 2061 Karate II (1 Hour)
Continuation of Karate I. Intermediate techniques and skills for self-defense will be introduced. Belt ranking will be available for those students completing this course.

PEG 2071 Tennis II (1 Hour)
Stroke improvement, stroke and game analysis, game strategy, match challenges, and tournament play. Review of tennis rules, history, and etiquette.

PEG 2081 Badminton II (1 Hour)
Advanced skills and strategy in singles, doubles and mixed doubles play. Knowledge and application of rules, etiquette, and tournament play.

PEG 2091 Sport Conditioning II (1 Hour)
Continuation of Sport Conditioning I. Student must be member of a varsity sport at SNU.

PEG 2211 Horsemanship II (1 Hour)
This course is designed to include an introductory academic view of horsemanship emphasizing horse training, selection, and care/maintenance. The fieldwork will provide actual hands-on practical experience of the academic area emphasized. Overall goal is to enable the student to gain knowledge concerning buying, owning, and caring for a horse. Emphasis will be placed on improving the student’s ability to ride and handle a horse.

PEG 2221 Golf II (1 Hour)
Continuation of instruction and participation in golf strokes, strategies, skills, and etiquette. Student will experience stroke practice, games, and matches at nearby ranges and courses.

PEG 2231 Volleyball II (1 Hour)
Advanced skills, strategy, plays, defense, and team play. Review of rules. Knowledge and application of officiating techniques.

PEG 2241 Backpacking II (1 Hour)
Continuation of instruction in basic wilderness backpacking including equipment, food preparation, cooking, walking the trails, route finding, backpacking essentials, trail and camping ethics. Recent innovations in backpacking gear and clothing will be covered. Three day backpacking trip required as part of the course.

PEG 2251 Sailing II (1 Hour)
Continuation of Sailing I. Study of advanced sailing techniques, sail open waters on Lake Hefner, and sail the triangular course. Opportunity to assist students in Sailing I.

PEG 2271 Basketball II (1 Hour)
Continuation of instruction and participation of the game of basketball. Student will continue to cover the basic fundamentals to increase skill level.

PEG 2321 Intermediate Physical Activity II (1 Hour)
A continuation of any PEG activity course. 
Prerequisite: Intermediate Physical Activity I (PEG 1321) of the same activity course and permission of instructor.

PEG 2331 Advanced Physical Activity II (1 Hour)
A continuation of any PEG activity course. 
Prerequisite: Advanced Physical Activity I (PEG 1331) of the same activity course and permission of instructor.
### PEG 2411 Bowling II (1 Hour)
Continuation of Bowling I. League play and advanced forms of competition.

### PEG 2421 Racquetball II (1 Hour)
Advanced skills and strategy in singles, doubles, and mixed doubles match play. Knowledge and application of rules, etiquette, and tournament play.

### PEG 2441 Water Safety Instruction (1 Hour)
Lecture, demonstration, and practice in nine styles of swimming, diving, life saving skills, as well as skill and knowledge in class organization and management, and teaching techniques. Must hold a current American Red Cross Lifesaving Certificate.
**Prerequisite:** Swimming skills.

### PEG 2461 Walking II (1 Hour)
Continuation of Walking I. Speed walking will be introduced.

### PEG 2471 Target/Field Archery II (1 Hour)
Continuation of instruction and practice to become more proficient in Target/Field Archery. Target Archery first eight weeks indoors; Field Archery second eight weeks outdoors on a seven-target outdoor range of distances from 10 to 60 yards.

### PHYSICS (PHYS)

**PHYS 1111 Careers in Physics & Applied Physics (1 Hour)**
Surveys the range of careers made accessible with the Bachelor's degree in physics. Such careers include but are not limited to physics, engineering, medicine, education, biological physics, technical law, geophysics, applied mathematics, and actuarial science. Comparison of the scope, professional culture, and problem-solving approaches of various professions. Overview of the history of physics, and research topics of current interest. Introduction to undergraduate and advanced degree programs, professional societies, research environments, peer review, publications, the international physics community, relationships between physics-related professions and the larger society. Course activities include guest lectures and interviews with alumni and other professionals.

**PHYS 1114 General Physics I (4 Hours)**
A trigonometry-based survey of physics, including kinematics and Newtonian dynamics, gravitation, wave motion, and optics. Three lectures and one lab session per week.
**Prerequisite:** Plane Trigonometry (MATH 1613) or high school equivalent. GSE: high school Algebra II and Trigonometry.

**PHYS 1123 Introduction to Astronomy (3 Hours)**
A survey of the methods and concepts of modern astronomy, including the history of astronomy and its impact on thought and culture; astronomical distance and time scales; descriptions of telescopes, spectroscopes, and the information they yield; formation and structure of the solar system; the life cycles of stars, stellar evolution, and nucleosynthesis; compact objects such as white dwarfs, neutron stars, black holes; galaxy formation and structure; cosmology and the history of the very early universe. Laboratory work includes observation sessions using departmental telescopes.

**PHYS 1214 General Physics II (4 Hours)**
Continuation of Physics 1114, including electricity and magnetism, thermodynamics, and topics in atomic and nuclear physics. Three lectures and one lab session per week.
**Prerequisite:** General Physics I (PHYS 1114). GSE: high school Algebra II and Trigonometry.

**PHYS 2114 General Physics for Scientists/Engineers I (4 Hours)**
A calculus-based survey of physics, including kinematics and Newtonian dynamics, gravitation, harmonic motion, waves and superposition, interference and diffraction, geometrical optics. Three lecture periods and one lab session per week. The lab is used to introduce concepts as much as possible; lecture is devoted to explicit instruction in the art of mathematical modeling.
**Prerequisite:** Calculus I (MATH 2324) or high school equivalent.

**PHYS 2214 General Physics for Scientists/Engineers II (4 Hours)**
A continuation of Physics 2114, emphasizing electromagnetism, including Maxwell's equations, radiation produced by an accelerated point charge, waves in the electromagnetic field. Introduction to special relativity, deBroglie waves, atomic spectra, the Bohr model of the hydrogen atom, and
the nucleus. Three lecture periods and one lab session per week.

**Prerequisite:** General Physics for Scientists & Engineers I (PHYS 2114).

**PHYS 2313 Introduction to Atomic & Nuclear Physics (3 Hours)**

An introduction to physics paradigms developed in the 20th century, including the special theory of relativity; wave-particle duality; elementary quantum mechanics including the Bohr atom and applications of the Schrödinger equation in one dimension; Rutherford scattering and atomic structure; nuclear structure and reactions. Orbitals in chemical bonding, energy gaps in semiconductors, population inversions and lasers. Statistical mechanics, electron microscopes, and scanning tunneling microscopes as windows into the atom. Applied nuclear physics includes MRI and PET scans in medical physics, nuclear reactors and weapons. Introduction to elementary particle physics, cosmology, and the very early universe. Incoming freshmen Physics Department advisees, and students majoring in other fields, are encouraged to enroll.

**Prerequisite:** College Algebra (MATH 1513) and High School Physics. GSE: College Algebra.

**PHYS 3003 Special Studies in Physics (3 Hours)**

General Studies Elective course in special topics.

**PHYS 3113 Astronomical Basis of Life on Earth QERC (3 Hours)**

Examines the connections between astronomical realities and the conditions necessary for life on a planet. Begins with elementary connections such as the day/night biological cycles, moves on to less elementary ones, such as: mean interstellar distances and the probability of stellar collisions; the "life zone" of a star; stellar lifetimes and element synthesis; astronomical planet-building processes; the role of tidal forces in the history of life. The course will feature astronomy lectures and hikes during the day, and astronomical observations at night. For example, a discussion of stellar energy production is followed by a hike through the forest of the Talamanca Mountains to see how diverse tropical species use solar radiation; studies of cratering features a visit to the Arenal Volcano to examine craters made by projectile bombardment. These and other examples offer a unique interdisciplinary study in astronomy, biology, and geology. Spring Break, with pre- and post-trip meetings and assignments.

**Prerequisite:** College Algebra (MATH 1513).

**PHYS 3173 Waves and Optics (3 Hours)**

An in-depth study of waves in general. Acoustic and electromagnetic waves; phonons and photons. Maxwell's equations and waves in the electromagnetic field. The linear wave equation and its stationary states; superposition and interference; polarization. Fourier series and transforms; propagator theory and dispersion. Fraunhofer and Fresnel diffraction; geometrical optics; lasers and holography; topics in nonlinear optics.

**Prerequisite:** General Physics for Scientists & Engineers II (PHYS 2214) and Calculus III (MATH 2524)

**PHYS 3191-3 Selected Topics in Physics (1-3 Hours)**

In-depth study of a selected topic, such as: Astrophysics, Biological Physics, Philosophy of Science; Nuclear Reactors and Weapons; Elementary Particle Physics; Musical Acoustics; Relativity; Fluid Mechanics; and other topics on demand. Offered except when General Relativity (PHYS 4311-2) is offered. May be repeated.

**Prerequisite:** General Physics for Scientists & Engineers II (PHYS 2214) or permission of the instructor. GSE: one philosophy class and one science class.

**PHYS 3213 Quantum Mechanics I (3 Hours)**

Introduction to quantum theory, including crucial anomalies from Newtonian physics and fundamental postulates of the quantum paradigm; wave functions and superposition; operators, commutation relations, and their interpretations for measurement; position and momentum space; Fourier transforms. The Schrödinger equation; its stationary states and eigenfunctions; approximation methods, especially perturbation theory. Central potentials and the hydrogenic atom.

**Prerequisite:** General Physics for Scientists & Engineers (PHYS 2214) and Calculus III (MATH 2524).

**PHYS 3223 Quantum Mechanics II (3 Hours)**

A continuation of Quantum Mechanics I. Angular momentum, spin, and Clebsch-Gordon addition of angular momentum; multi-electron atoms and the periodic table. Perturbation theory applied to atomic physics such as atoms in external fields and the spin-orbit interaction. Quantum statistics for indistinguishable particles. Introduction to relativistic electron theory via hypercomplex numbers and the Dirac equation.

**Prerequisite:** Quantum Mechanics I (PHYS 3213).
COURSE DESCRIPTIONS

PHYS 4114  Physical Chemistry, Heat & Thermodynamics  (4 Hours)
A systematic treatment of classical thermodynamics with an emphasis on the application of the first and second laws to chemical and physical changes. Applications are made to chemical equilibrium, electrochemical cells, and other spontaneous processes. Three lectures and one laboratory per week.
Prerequisite: General Physics II (PHYS 1214) and Calculus II (MATH 2424).

PHYS 4123  Electricity & Magnetism I  (3 Hours)
The theory of electrostatic and magnetostatic fields in vacuum, including the Coulomb and Biot-Savart fields, the theorems of Gauss and Stokes, scalar and vector potentials, multipole expansions, and solutions of Poisson's and Laplace's equations via Green's functions and expansions in terms of orthogonal functions. Time-dependent electric and magnetic fields, Maxwell's equations, gauge invariance, Poynting's theorem, conservation of energy and momentum. Solutions and applications of Maxwell's equations include wave equations and their plane-wave solutions, polarization, and the fields produced by accelerating charges, especially electric and magnetic dipole sources.
Prerequisite: General Physics for Scientists & Engineers II (PHYS 2214) and Calculus III (MATH 2524).

PHYS 4133  Classical Mechanics I  (3 Hours)
Comprehensive survey of the principles of classical mechanics, including Newtonian dynamics and conservation laws; oscillations; central force motion; the calculus of variations; Lagrangian and Hamiltonian formalisms, Noether's Theorem relating invariances to conservation laws.
Prerequisite: General Physics for Scientists & Engineers II (PHYS 2214) and Calculus III (MATH 2524).

PHYS 4143  Classical Mechanics II  (3 Hours)
Continuation of Classical Mechanics I. Hamilton-Jacobi theory; rigid body dynamics and the inertia tensor; motion in non-inertial reference frames; coupled oscillations and waves; fluid mechanics through the Navier-Stokes equation.
Prerequisite: Classical Mechanics I (PHYS 4133).

PHYS 4151  Advanced Physics Laboratory  (1 Hour)
Advanced experiments selected from mechanics, electromagnetism, optics, atomic physics, or nuclear physics. The student will repeat selected "classic" physics experiments, and may design and execute experiments related to original research. May be repeated.
Prerequisite: 10 hours of Physics.

PHYS 4181-3  Directed Research  (1-3 Hours)
An independent research project, theoretical or experimental. Results of the research will be presented by the student at a regional or national physics conference. May be repeated.
Prerequisite: General Physics for Scientists & Engineers II (PHYS 2214).

PHYS 4213  Statistical Mechanics  (3 Hours)
Relates macroscopic thermodynamic observables to the structure of atoms and molecules. The macroscopic view is developed through thermodynamics and its applications, the microscopic view through Hamilton's equations and phase space. The macro-micro connection is realized through the partition function and the statistical interpretation of entropy through Boltzmann's H theorem. From microscopic models, thermodynamic observables and equations of state are calculated from the partition function. Identical particles and Bose-Einstein and Fermi-Dirac statistics are discussed, including applications such as blackbody radiation and Bose-Einstein condensation.
Prerequisite: General Physics for Scientists & Engineers (PHYS 2214) and Calculus III (MATH 2524).

PHYS 4223  Electricity and Magnetism II  (3 Hours)
A continuation of Electricity and Magnetism I. Electric and magnetic fields in matter; conductors and waveguides; scattering; multipole radiation fields; synchrotron radiation; special relativity and covariant electrodynamics.
Prerequisite: Electricity and Magnetism I (PHYS 4123).

PHYS 4311-2  General Relativity  (1-2 Hours)
A rigorous introduction to Einstein's General Theory of Relativity. Review of Special Relativity and Minkowski Spacetime; the metric tensor; covariant and contravariant tensors; the affine connection and covariant derivatives; the Principle of Equivalence, Principle of General Covariance; the Riemann and Ricci curvature tensors; Einstein's field equations. Applications to gravitational red shift; deflection of starlight by the Sun, precession of perihelion, the Schwarzschild metric, cosmology. With the second credit hour, we also examine gravity waves, Kerr metrics, stellar
collapse and black holes. Spring semester, alternate years. May substitute for PHYS 3191-2 (Selected Topics in Physics).

**Prerequisite:** General Physics for Scientists & Engineers II (PHYS 2214) and Calculus III (MATH 2524).

**PRACTICAL THEOLOGY (PRTH)**

**PRTH 1113 Introduction to Ministry** (3 Hours)
A THEOLOGY & MINISTRY SCHOOL CORE REQUIREMENT. An introduction to the theology of the church and ministry with selected readings and discussion of the integrity between one’s view of ministry and one’s preparation for ministry. Understanding and using the resources for spiritual formation as preparation for ministry will be cultivated. Required of all students majoring in Theology & Ministry and Christian Education.

**PRTH 3023 Ministry, Church, & Society** (3 Hours)
A General Education course. The preparation of active, purposeful lay leaders in the local church. Specific topics for study will include the theology of the church, spiritual leadership, the concept of ministry, servanthood, self-assessment skills and tools, churchmanship, stewardship of personal resources, devotional life development, volunteerism, avenues of ministry, and models for future church ministry.

**Prerequisite:** Junior standing OR 15 or more General Education CORE hours passed.

**PRTH 3113 Fundamentals of Preaching** (3 Hours)
A study of the principles of sermon construction. Attention is given to the various types of sermon outlines and methods of delivery. Assigned readings and lectures will precede clinical opportunity for preaching.

**PRTH 3223 Survey of Worship** (3 Hours)
An introductory course in the theology and practice of worship. Biblical and historical practice is introduced for informing contemporary worship leadership.

**PRTH 3323 Evangelism & Church Renewal** (3 Hours)
The history, place and methodologies of evangelism are studied in the context of the local church. The strategies of both evangelism and renewal in giving vitality to the church are stressed.

**PRTH 4103 Expository Preaching** (3 Hours)
An advanced course in Biblical preaching with a definite emphasis on expository homiletics.

**Prerequisite:** Senior Standing, Fundamentals of Preaching (PRTH 3113), 9 hours of Biblical Literature, and New Testament Greek (GK 2113), or permission of the instructor.

**PRTH 4113 Psychology of Religion** (3 Hours)
An interpersonal approach to the study of religious experience and behavior. The course is primarily concerned with normal Christian religious experience. Such topics as conviction, conversion, sanctification, prayer, guilt, devotion, and religious development will be explored. The relationship between religious life and mental health will be examined and contemporary approaches to counseling and therapy will be presented.

**Prerequisite:** Familiarity with the basic vocabularies of theology and psychology, Psychology of Personality (PSY 4153) recommended. GSE: Introduction to Philosophy (PHIL 2013) and Introduction to Christian Thought (THEO 2233).

**PRTH 4133 Church Growth & Christian Mission** (3 Hours)
A study of the principles of church growth and church planting with special attention to the theological, sociological and cultural aspects which may affect the rate and patterns of church expansion.

**PRTH 4143 Pastoral Care & Counseling** (3 Hours)
A study of the place of pastoral counseling in the Christian ministry. Personality problems and counseling processes are surveyed. Emphasis is placed on developing counseling techniques and a study of the types of counseling used in the ministry.

**Prerequisite:** One course in psychology or permission of the professor.

**PRTH 4163 Pastoral Leadership & Team Building** (3 Hours)
This course provides a detailed study of organizational leadership skills, spiritual leadership, followership, dynamics of group interaction, types of groups, problem solving, conflict resolution, as well as in-class application of these principles.
PRTH 4181-3  Ministry Experience  (1-3 Hours)
Active work in a ministry setting under supervision, along with classroom study directed towards reflection upon and understanding of the actual ministry situations and experiences. May be repeated for up to three hours credit.

PRTH 4381-3  Ministry Intensive  (1-3 Hours)
Work in a supervised ministry setting in connection with the SNU Ministry Internship Scholarship Program. The student is directed towards reflection upon and understanding of the actual ministry situations and experiences of the Internship Program. May be repeated for up to three hours of credit.

PSYCHOLOGY  (PSY)

PSY 1113  General Psychology I   (3 Hours)
As the first of a two-semester survey sequence, this course provides a study of the philosophical and historical background of psychology, its predominant methodologies, and an overview of psychology's sub-fields, including stress management, psychological disorders, health psychology, social psychology, psychology of personality, and developmental psychology.

PSY 1121  Careers in Psychology  (1 Hour)
The course is designed as an overview of the field of psychology. There are two foci of the course. One is exploring psychology as a career option. The other is practical considerations in furthering one's career in psychology beyond the level of an undergraduate major.

PSY 1131  General Psychology Laboratory  (1 Hour)
One primary focus of the laboratory experience is introduction to methodology and measurement in psychology. Research design and practice will be an aspect of this introduction. This will be partially realized through peer-mentoring utilizing students enrolled in Research Design and Senior Thesis. Another primary focus of the laboratory course is an introduction to and practice in using the Publication Manual of the American Psychological Association (APA). The laboratory experience is required concurrently with General Psychology for majors in the psychology department but is optional for others in the course. This course is designed for concurrent enrollment in General Psychology; nevertheless, those who have previously completed a general psychology course would qualify to enroll.

PSY 1213  General Psychology II   (3 Hours)
As the second of a two-semester survey sequence, this course provides a study of the basic concepts in the areas of sensation/perception, learning/memory, motivation, thinking/language/intelligence, states of consciousness, and biological considerations of behavior.

A course designed to assist students in developing a wholesome self-concept and understanding their role in society. Specific assistance will be given to the student in establishing positive self-identity, self-orientation and self-direction.

PSY 2173  Psychology of Children & Youth   (3 Hours)
A study of physical, cognitive, moral, and social development of the individual from conception through adolescence. Emphasis is placed on understanding the relationships between and importance of these processes in facilitating development in the context of schools, as well as other professional areas and future parental lifestyles.

Prerequisite: GSE: no prerequisite.

PSY 2353  Interviewing Techniques   (3 Hours)
A practical course in how to conduct an interview as an interviewer. Basic interviewing skills are emphasized. Emphasis is on learning by doing. Skills learned apply to many settings.

PSY 3013  Contemporary Social Issues   (3 Hours)
A capstone General Education CORE course. An examination of critically important and compelling social and personal issues for Christians in the development of thoughtful, informed Christian understandings and responses. Emphasis on factors influencing individual moral development and religious belief; the impact of print and electronic media in shaping cultural norms, societal roles, and views of the self; the biblical mandate for justice as raised by topics related to politics, economy, and the law; the role of family, society, and culture in affecting responses to race, gender, ethnicity; and the processes by which an individual's development and surrounding culture
influence fundamental assumptions, beliefs, and ways of thinking.

**Prerequisite:** Junior standing OR 15 or more General Education CORE hours passed. Intro. to Philosophy (PHIL 2013) and Intro. to Christian Thought (THEO 2233) recommended.

**PSY 3113 Social Psychology (3 Hours)**

A study of the nature of the social structures which man has developed and their influences on the functioning of human individuals and groups.

**Prerequisite:** General Psychology I or II (PSY 1113/1213) or Introduction to Sociology (SOC 1113). GSE: Sophomore standing.

**PSY 3133 Human Development (3 Hours)**

A course designed to study the human organism of the entire life span, rather than one stratified area. Specific emphasis is given to the interrelatedness of early, middle and later life, and the dynamic influences of environment, genetics, psychosocial and personal experiences. Special areas such as death and dying are included.

**Prerequisite:** GSE: Sophomore standing.

**PSY 3153 Research Design (3 Hours)**

The purpose of the course is to address the research process from design of a study through a publishable product. Familiarity with the concepts of conducting research, with various research designs, and conformity to the written style requirements of the American Psychological Association are also included.

**Prerequisite:** General Psychology I or II (PSY 1113/1213) and Statistical Methods (STAT 3143)

**PSY 3161 Senior Thesis (1 Hour)**

A continuation of an individual research project planned in Research Design (PSY 3153). Enrollment is contingent upon the completion of Research Design (PSY 3153) in the previous semester. If Research Design is taken to fulfill a degree requirement, this course must be taken to complete that requirement.

**PSY 3174 Physiological Psychology (4 Hours)**

Physiological processes involved in the execution of behavior are examined. Various levels of explanation are employed, ranging from molecular and cellular involvement in movement and sensation to physiological correlates of learning, emotion, and perception. A laboratory experience is included.

**Prerequisite:** General Psychology II (PSY 1213) or permission of instructor.

**PSY 3183 Psychological Testing (3 Hours)**

The course is an introductory course in psychometrics. The course is designed to acquaint the student with a wide range of psychological tests, including training in administering and scoring and the more commonly used tests of intelligence, personality and aptitudes.

**Prerequisite:** Statistical Methods (STAT 3143).

**PSY 3193 Learning & Cognition (3 Hours)**

The course is an introduction to the research and theories in learning and cognition. Basic types of learning and the variables which influence the learning and cognitive processes will be included. In the learning component, the focus will be on instrumental and operant conditioning and issues growing from these basic types of learning. In the cognitive component topics covered will be information processing, memory, language, comprehension, and thought.

**Prerequisite:** General Psychology I or II (PSY 1113/1213) or permission of instructor.

**PSY 3203 Industrial/Organizational Psychology (3 Hours)**

A study of the individual and groups in complex organizations: organizational structure, organizational changes, and the organization in society. The course is concerned with motivation, worker satisfaction, and communication in organizations, personnel relations and other related factors.

**PSY 3433 Death and Dying (3 Hours)**

The course will identify modern concepts of death in contemporary society and available coping alternatives. It attempts to serve as a catalyst in helping students identify interpersonal concepts of death and dying as social issues.

**PSY 4103 Abnormal Psychology (3 Hours)**

A presentation of the biological, psychological, and sociological factors which are correlated with maladaptive behavior.

**Prerequisite:** General Psychology I (PSY 1113) or permission of instructor.
COURSE DESCRIPTIONS

PSY 4113  Psychology of Religion  (3 Hours)
An interpersonal approach to the study of religious experience and behavior. The course is primarily concerned with normal Christian religious experience. Such topics as conviction, conversion, sanctification, prayer, guilt, devotion, and religious development will be explored. The relationship between religious life and mental health will be examined and contemporary approaches to counseling and therapy will be presented.
Prerequisite: Familiarity with the basic vocabularies of theology and psychology. GSE: Intro. to Philosophy (PHIL 2013) or Intro. to Christian Thought. (THEO 2233).

PSY 4143  Advanced Developmental Theories  (3 Hours)
An in-depth study of diverse perspectives about the development of cognitive ability, personality characteristics, and behavioral patterns embedded in biological and environmental contexts.
Prerequisite: General Psychology I (PSY 1113), a developmental course, or permission of instructor.

PSY 4153  Psychology of Personality  (3 Hours)
A study of the nature, development, assessment and adjustment of personality. Points of view representing the various systems of psychology will be presented, with emphasis upon Christian interpretations.
Prerequisite: General Psychology I (PSY 1113) and one other course in psychology or philosophy, or permission of instructor. GSE: Junior standing and General Psychology I (PSY 1113).

PSY 4213  Principles of Counseling  (3 Hours)
An introduction to major approaches to counseling related to the problems for which they are best suited and to the personality theory and the assumptions about man on which they are based.
Prerequisite: General Psychology I or II (PSY 1113/1213) or permission of instructor.

PSY 4263  Techniques of Counseling  (3 Hours)
Designed to develop competencies in using major counseling theories in assisting counselees to deal with a wide range of personal, interpersonal and vocational problems. Emphasis is also given to assist prospective counselors develop self-understanding and to understand how this can influence success as a member of a helping profession.
Prerequisite: Principles of Counseling (PSY 4213).

PSY 4273  History & Systems of Psychology  (3 Hours)
A survey of developments and trends in general psychology, with emphasis on research methods and theoretical issues. An attempt is made to provide an overview of psychology as an ongoing scientific discipline.
Prerequisite: General Psychology I (PSY 1113) or permission of instructor. Research Design (PSY 3153) recommended.

PSY 4371-4  Special Studies in Psychology  (1-4 Hours)
The content of this course is varied and offered on an irregular schedule, based on student demand. It is offered in a classroom format rather than on an individual, arranged schedule.

PSY 4381-3  Directed Study  (1-3 Hours)
Designed to permit intensive study by psychology majors and minors in areas of special interest. May be either readings and reports, or first-hand investigation. The work will be done with individual guidance of the instructor.
Prerequisite: Permission of the instructor.

PSY 4391-3  Practicum in Psychology  (1-3 Hours)
Active work in a community setting, under supervision. May be taken by permission of the Department Chair only. Usually involves two consecutive semesters. May be repeated for credit.

PSY 4492  Senior Colloquium in Psychology  (2 Hours)
A capstone course to integrate the academic program in psychology, and in general education with an emphasis on examining the interface between the discipline and essential Christian beliefs and practices. Required of senior majors in psychology.
SOCIOLOGY (SOC)

SOC 1113  Introduction to Sociology  (3 Hours)
A general survey of the field and issues in sociology.

SOC 1123  Introduction to Criminal Justice  (3 Hours)
An overview of the components of the U.S. criminal justice system - police, courts, corrections, probation and parole - with a general survey of current problems, trends and cross-cultural comparison.

SOC 2113  Social Problems  (3 Hours)
A systematic analysis of some of the significant social problems of our world today, emphasizing the contributions which social science can make toward the understanding of these problems.

SOC 2133  Introduction to Corrections  (3 Hours)
A survey of U.S. corrections systems with cross cultural comparison. History, current approaches, issues and employment opportunities are discussed.

SOC 2153  Sociology of the Family  (3 Hours)
A study of the origin, development, functions, and problems of a basic social institution of our culture, the family. The effect of modern social and economic conditions on contemporary family life is reviewed.

SOC 2243  Aging & Gerontology  (3 Hours)
A study of the developmental stages which are typical of the later years of life. Emphasis is on the dynamics of the family and the implications involved with aging family members in building meaningful and rewarding relationships.

SOC 3003  Special Studies in Sociology  (3 Hours)
General Studies Elective course in special topics.

SOC 3013  Contemporary Social Issues  (3 Hours)
A capstone General Education CORE course. An examination of critically important and compelling social and personal issues for Christians in the development of thoughtful, informed Christian understandings and responses. Emphasis on factors influencing individual moral development and religious belief; the impact of print and electronic media in shaping cultural norms, societal roles, and views of the self; the biblical mandate for justice as raised by topics related to politics, economy, and the law; the role of family, society, and culture in affecting responses to race, gender, ethnicity; and the processes by which an individual’s development and surrounding culture influence fundamental assumptions, beliefs, and ways of thinking.
Prerequisite: Junior standing or 15 or more General Education CORE hours completed. Intro. to Philosophy (PHIL 2013) and Intro. to Christian Thought (THEO 2233) recommended.

SOC 3103  Race and Ethnicity  (3 Hours)
An analytical consideration of the ethnic issues of the United States including African Americans, Jewish, Mexican, Indian, Japanese, Chinese and European immigrants.
Prerequisite: GSE: Sophomore standing.

SOC 3113  Social Psychology  (3 Hours)
A study of the nature of the social structures which man has developed and their influences on the functioning of human individuals and groups.
Prerequisite: General Psychology (PSY 1113) or Introduction to Sociology (SOC 1113). GSE: Sophomore standing.

SOC 3123  Contemporary Sports: Psychological/Sociological Perspectives  (3 Hours)
Survey course dealing with sports known to various social groups and countries; brief glimpses into foreign approaches to games, sports, physical education, etc.; prepare students to discuss current sport picture in modern world to include all major countries.

SOC 3153  Urban Sociology  (3 Hours)
The study of urbanization as a social process. Consideration will be given to urban structure and various social institutions. The course also deals with selected urban topics such as housing, finance, planning, and the urban poor.
COURSE DESCRIPTIONS

SOC 3163  Introduction to Social Work  (3 Hours)
A survey of the profession and field of social work. The course also focuses on basic knowledge, values, and skills needed by the beginning social worker.

SOC 3173  Juvenile Delinquency  (3 Hours)
An overview of the U.S. Juvenile Justice System with an emphasis on the history and development of philosophical approaches to juvenile delinquency. Examination of theoretical paradigms, current issues, and social problems.

SOC 3181-3  Directed Study  (1-3 Hours)

SOC 3193  Criminology  (3 Hours)
A summary of research pertaining to crime, including historical and modern theories of criminal behavior. Modern trends in criminal law and rehabilitation are reviewed.

SOC 3203  Industrial/Organizational Psychology  (3 Hours)
A study of the individual and groups in complex organizations: organizational structure, organizational changes, and the organization in society. The course is concerned with motivation, worker satisfaction, and communication in organizations, personnel relations and other related factors.

SOC 3213  Political and Social Philosophy  (3 Hours)
A study of ideas from ancient through modern times from such major thinkers as Aquinas, Augustine, Machiavelli, Hobbes, Locke, Rousseau, Montesquieu, Marx, Smith, and John Stuart Mill. Themes of study will include such topics as wisdom, virtue, the just society, the good society, equality, property, natural rights, liberty, power, and human nature.
Prerequisite: GSE: Sophomore standing or permission of instructor.

SOC 3231-3  Mexican Field Studies  (1-3 Hours)
A unique travel-study experience in Mexico. It is designed to help the student experience first-hand the culture and environment of a Spanish-speaking country, learn something of the history of Mexico and advance in personal development toward a broader view of humanity and appreciation for cultures different from our own.

SOC 3433  Death and Dying  (3 Hours)
The course will identify modern concepts of death in contemporary society and available coping alternatives. It attempts to serve as a catalyst in helping students identify interpersonal concepts of death and dying as social issues.
Prerequisite: GSE: Sophomore standing.

SOC 3443  Police Organization & Administration  (3 Hours)
An introduction to the basic principles involved in police organization and management. Examination of employment opportunities, current issues and trends.

SOC 4003  Special Studies in Sociology  (3 Hours)
General Studies Elective course in special topics.

SOC 4131-4  Sociology Internship  (1-4 Hours)

SOC 4143  Social Theory  (3 Hours)
A systematic overview of classical and contemporary social theory with emphasis on the theorists and the historical development of the major theoretical paradigms. Application of theory to current research issues is stressed.

SOC 4183  Cultural Anthropology  (3 Hours)
A cross-cultural approach to a study of race, culture, and society which provides understanding toward effective communication of the gospel.
Prerequisite: GSE: Sophomore standing.

SOC 4193  Methods of Social Research  (3 Hours)
An analysis and evaluation of methods and techniques for collecting, classifying and analyzing social data; detailed study of the scientific method. A study of the models, methods, and techniques of social work practice focusing on case studies.

SOC 4213  Social Work Processes  (3 Hours)
A study of the models, methods, and techniques of social work practice focusing on case studies.
SOC 4223  Colloquium in Sociology  (3 Hours)
A capstone course designed to integrate the academic program in sociology and general education with an emphasis on the interface between the discipline and essential Christian beliefs and practices.

SOC 4373  Special Topics in Sociology  (3 Hours)
Prerequisite:  GSE: Sophomore standing or permission of instructor.

SOC 4383  Social Stratification  (3 Hours)
An examination of status, class and power with an emphasis on historical foundations and contemporary social concerns. Analysis of social stratification will focus on critique and evaluation, as well as current social inequality research issues.
Prerequisite:  GSE: Sophomore standing.

SPANISH  (SPAN)
SPAN 1113  Elementary Spanish I  (3 Hours)
An introduction to the study of the Spanish language. Although some students will have studied a little Spanish before this course, no background in the language is expected. Special emphasis is placed on listening and speaking skills.

SPAN 1123  Elementary Spanish II  (3 Hours)
A continuation of Elementary Spanish I (SPAN 1113). Continued emphasis on listening and speaking skills.
Prerequisite:  Two semester HS with A or B grade or one semester college.

SPAN 2133  Intermediate Spanish I  (3 Hours)
Development in reading, listening, speaking and writing skills in the Spanish language on the intermediate level.
Prerequisite:  Two years HS with A or B grade or one year college.

SPAN 2143  Intermediate Spanish II  (3 Hours)
A continuation of Intermediate Spanish I (SPAN 2133). Improvement of fluency in speaking and writing in Spanish on everyday topics along with increased speed in reading comprehension.
Prerequisite:  Intermediate Spanish I (SPAN 2133) or equivalent.

SPAN 3221-3  Special Studies in Spanish  (1-3 Hours)
An intensive study of a specific area in Hispanic language, culture, or literature. Offered at irregular intervals, it may be repeated to a maximum of six hours of credit by varying its content.
Prerequisite:  Intermediate Spanish II (SPAN 2143) or equivalent.

SPAN 3221-3  Mexican Field Studies  (1-3 Hours)
A unique travel-study experience in Mexico during the January interim. It is designed to help the student develop a greater proficiency in spoken Spanish, experience first hand the culture and environment of a Spanish-speaking country, learn something of the history of Mexico and advance in personal development toward a broader view of humanity and appreciation for cultures different from our own.

SPAN 3323  Hispanic Area Studies  (3 Hours)
A study of Spain and Spanish America, emphasizing the cultural attainments of the Hispanic peoples from the time of the Iberians until the present.
Prerequisite:  Intermediate Spanish II (SPAN 2143) or equivalent. GSE: no prerequisite.

SPAN 3423  Spanish Composition & Conversation  (3 Hours)
Designed to increase oral proficiency and to enhance written communication in Spanish in situations ranging from relatively simple to more complex.
Prerequisite:  Intermediate Spanish II (SPAN 2143) or equivalent.

SPAN 3453  Commercial Spanish  (3 Hours)
Preparation for bilingual secretaries, accountants, administrators, managers, etc. Attention is given to specialized language required for correspondence, special forms, terminology, computer usage, contrastive methods, sources and resources.
Prerequisite:  Spanish Composition and Conversation (SPAN 3423) or permission of the instructor.
COURSE DESCRIPTIONS

SPAN 3523 Latino Literature (3 Hours)
The attitudes, adjustments, value system, historical and social factors pertaining to the various Latino groups residing in the U.S. as portrayed in their literature. Reading and class discussion in English.
Prerequisite: GSE: Intro. to Literature (ENGL 2413) or permission of instructor.

SPAN 3533 Masterpieces of Spanish Literature (3 Hours)
The key movements, authors, and works of peninsular Spanish literature from its origins through the end of the Spanish Golden Age.
Prerequisite: Intermediate Spanish II (SPAN 2143) or equivalent.

SPAN 4462 Instructional Strategies for Spanish (2 Hours)
Professional training for prospective teachers of foreign languages (K-12). A continuation of ED 3182 Methods in Foreign Languages (K-12), but addresses more practical experiences such as unit preparation in the use of the Spanish language, and micro-teaching on both the elementary and secondary levels.
Prerequisite: Spanish Composition and Conversation (SPAN 3423) and one upper division Spanish literature course.

SPAN 4473 Intensive Spanish Composition & Conversation (3 Hours)
An intensive study of Spanish conversation, pronunciation and intonation and of Spanish composition, including advanced grammar, stylistics and creative writing.
Prerequisite: Spanish Composition and Conversation (SPAN 3423) or permission of the instructor.

SPAN 4523 Modern Spanish Literature (3 Hours)
A study of the representative peninsular Spanish writers from Neoclassicism to the mid-twentieth century.
Prerequisite: Intermediate Spanish II (SPAN 2143).

SPAN 4533 Latin American Literature I (3 Hours)
A study of the main contributions of Spanish-America to world literature and their influence upon Spanish-American writing of the twentieth century, surveying literature from the Colonial Era through Romanticism.

SPAN 4553 Latin American Literature II (3 Hours)
A continuation of the study of the contributions of Spanish-America to world literature and its influence upon Spanish-American writing of the twentieth century, surveying the writings of Modernism through the present time.

SPAN 4592 Seminar (2 Hours)
A course dealing with key issues and problems of the Hispanic world, especially as these are related to the U.S. citizen interested in hemispheric affairs. It is the capstone course for the Spanish major, stressing research and oral and written expression in the Spanish language.
Prerequisite: Masterpieces of Spanish Literature (SPAN 3533) or equivalent and Intensive Spanish Composition and Conversation (SPAN 4473).

SPEECH COMMUNICATION (S C)

SP C 1133 Introduction to Speech Communication (3 Hours)
A beginning course which stresses that communication is an essential element of human existence. Basic communication theory, interpersonal skills, and public speaking skills are addressed. A 'C' or better in this course meets the oral proficiency requirement for admission to teacher education.

SP C 1203 Introduction to Interpersonal Communication (3 Hours)
A beginning course which stresses that communication is the foundation of all interpersonal relationships. The goals for this course are twofold: to present valid principles of interpersonal communication, and to provide insight concerning means of improving interpersonal relationships.

SP C 2133 Public Speaking and Debate (3 Hours)
A course planned to aid the teacher, ministerial student, and students with an interest in public speaking. It combines theory with practice. The speeches are longer than lower level courses with a greater emphasis on content, organization, and application of communication theory.
Prerequisite: One or two semester HS course (A or B grade) that focused on preparing and presenting informative and persuasive speeches and/or one year participation in a high school debate or forensics (individual competitive events) program (A or B grade).
SP C 2213 Introduction to Organizational Communication (3 Hours)
An introduction to the communication behaviors inherent in today's complex organizations. The course covers topics ranging from communication networks to leadership styles to interviewing.
Prerequisite: One or two semester HS course (A or B grade) that focused on preparing and presenting informative and persuasive speeches and/or one year participation in a high school debate or forensics (individual competitive events) program (A or B grade).

SP C 2302 Graphics of Communication (2 Hours)
A study of the relationship between the verbal and visual elements of communication, including layout, typography, design and production processes.

SP C 2323 Survey of Mass Media (3 Hours)
An overview of the mass communication field that includes both print and broadcast media.

SP C 2353 Interviewing Techniques (3 Hours)
A practical course in how to conduct an interview as an interviewer. Basic interviewing skills are emphasized. Emphasis is on learning by doing. Skills learned apply to many settings.

SP C 2511 Experience in Play Performance (1 Hour)
A laboratory course open, by audition, to all students participating in departmental plays. May be repeated; however a maximum of four hours may apply toward major or minor.
Prerequisite: Departmental approval.

SP C 2523 Introduction to Theater (3 Hours)
A survey of major dramatic periods from the classical age of Greece to twentieth century America. Also includes basic principles of acting including stage areas, directions and movement.
Prerequisite: GSE: no prerequisite.

SP C 2533 Oral Interpretation of Literature (3 Hours)
The development of intellectual and emotional responsiveness to dramatic literature, and the ability to read orally so as to communicate the printed page with appreciation to others. Projects in cutting and analysis are required.

SP C 3123 Communication Analysis (3 Hours)
A survey of the origins and trends in rhetorical theory, the study of oration and other forms of public discourse.

SP C 3181-3 Directed Study (1-3 Hours)
Individual study of an approved area based on the interest and/or need of the student. May be repeated.
Prerequisite: Departmental approval.

SP C 3231-3 Special Studies in Communication (1-3 Hours)
A course designed for in-depth investigation in current and emerging areas of communication theory and research. May be repeated with different subject matter.

SP C 3343 Writing for Broadcast (3 Hours)
Research, writing, and production techniques for video production in corporate and traditional broadcast news environments. This course will focus on advanced methods of editing with Final Cut Pro software.
Prerequisite: Newswriting (MCJL 2313).

SP C 3393 Video Production (3 Hours)
Practice of planning and executing quality video projects in studio and freelance environments using iMovie and Final Cut Pro non-linear editing software.

SP C 3433 Instructional Strategies in Communication (3 Hours)
A study of applied learning theory for those preparing to teach speech and drama. The purpose of the class is to enlarge the number and quality of understandings and behaviors available to the teacher. These options are studied in relation to the utilization of a teaching-learning model based on a systems approach.
COURSE DESCRIPTIONS

SP C 3463  Family Communication  (3 Hours)
This course is a study of communication and the factors that influence its effectiveness in the context of the family. The course explores alternatives to typical problem areas in communication that occur among family members.

SP C 4003  Special Studies in Speech Communication  (3 Hours)
General Studies Elective course in special topics.

SP C 4133  Persuasion  (3 Hours)
A study of the psychological and rhetorical principles influencing the belief of individuals and of groups, of the basis of persuasion, of the nature of response, of the methods of adaptation to various mental attitudes and audiences.

SP C 4191-2  Communication Arts Colloquium (1-2 Hours)
A capstone course for junior and senior majors designed to coordinate and integrate the work in each student's major field. Special emphasis given to career considerations.

SP C 4213  Communication in Conflict Management  (3 Hours)
The study and practice of communication as interpersonal behavior and relationship with emphasis upon the individual and his/her management of conflict situations through specific tactics and strategies. Extensive use of cases and simulations illustrating conflict problems and management in personal, family and professional situations.

SP C 4223  Group Interaction & Leadership  (3 Hours)
A study of the theories and techniques of problem solving and decision making by means of group process. Emphasis is given to the application of relevant communication theory from the literature of small groups. A functional group-centered approach to leadership is also emphasized.

SP C 4233  Intercultural Communication  (3 Hours)
An introduction to the communication, which takes place when people of different cultures interact. This course surveys differences in cultures, which can create obstacles to understanding and communication and offers suggestions for dealing with these obstacles.

SP C 4323  Broadcast News  (3 Hours)
Immersion in the broadcast news experience. Research, writing, and production of a weekly news program telecast to the Bethany community through cable access. Students will learn the method of linear editing. 
Prerequisite: Newswriting (MCJL 2313) recommended.

SP C 4343  Public Relations  (3 Hours)
The theory and practice of public relations will be the focus of this class. Through this course material, the student will learn the theory behind public relations and then will practice aspects of public relations through applicable exercises and assignments.

SP C 4361-3  Special Studies in Mass Communication  (1-3 Hours)
Treatment of specific problems and trends in the field of mass communication. May be repeated for credit.

SP C 4381-3  Internship  (1-3 Hours)
This course, primarily designed for seniors, consists of practical application of skills, techniques and theory of mass communication through individualized work in the field. May be repeated for credit; however there is a limit of six hours that may be counted toward the major. Grading is on the pass/fail basis.

SP C 4584  Directing & Producing  (4 Hours)
A laboratory course in which speech majors select, cast, direct, and produce a one-act play. Provides stagecraft experience in lighting, makeup, sets and costumes. 
Prerequisite: Departmental approval.
STATISTICS (STAT)

STAT 3143  Statistical Methods (3 Hours)
A study of methods for organizing and interpreting quantitative data, with emphasis on methods commonly used in any situation requiring the analysis of information recorded in numerical form. A survey of statistical description, including measures of central tendency, dispersion, and correlation; an introduction to methods of hypothesis testing.
Prerequisite: GSE: no prerequisite.

STAT 3243  Computer-Packaged Statistics (3 Hours)
The course is a transition from the basic concept of statistics, as learned in Statistical Methods, toward the way applied statistical work usually is done utilizing technology. The course covers common statistical procedures as available in various computerized formats.
Prerequisite: Statistical Methods (STAT 3143).

SYSTEMS NETWORK MANAGEMENT (SNM)

SNM 3413  Windows Networking I (3 Hours)
This course provides students with the knowledge and skills necessary to perform installation, configuration, and administrative tasks for setting up a single-domain Microsoft Windows-based network.
Prerequisite: Network Technologies (CS 3513).

SNM 3673  Network Administration I (3 Hours)
This course is designed to provide students with the necessary knowledge and skills to perform competently in the role of network administrator or system manager. Students completing this course will be able to accomplish fundamental network management tasks on a NetWare network.
Prerequisite: Network Technologies (CS 3513).

SNM 3683  Network Administration II (3 Hours)
This course provides students with the knowledge and skills they need to design, configure and administer a complex NetWare network. Skills learned include upgrading from previous versions of NetWare environments, migrating to NetWare Distributed Print Services, executing Java-based utilities, network backup and configuring NetWare for remote access.
Prerequisite: Network Administration I (SNM 3673).

SNM 3753  Design & Implementation (3 Hours)
This course teaches the skills needed to create an NDS design and implementation strategy. Students will complete an NDS design strategy and implementation schedule using templates that they can re-use to create a design for their workplaces. Students will then use these strategies and schedules to complete a NetWare implementation in a hands-on environment.
Prerequisite: Network Administration I and II (SNM 3673/3683).

SNM 3813  Windows Networking II (3 Hours)
This course provides students with the knowledge and skills necessary to install, configure, manage, and support a network infrastructure in a Microsoft Windows-based network.
Prerequisite: Windows Networking I (SNM 3413).

SNM 4103  Network Service and Support (3 Hours)
This course focuses on the prevention, diagnosis, and resolution of hardware-related problems network professionals encounter while working with the network. Though the course focuses on hardware issues in relation to NetWare, students learn practical skills in this course that will help them optimize hardware resources for networking products. The course shows students how to solve "real world" hardware problems, and includes extensive hands-on exercises.
Prerequisite: Network Administration I and II (SNM 3673/3683) or permission with experience.

SNM 4113  Windows Networking III (3 Hours)
This course provides students with the knowledge and skills necessary to install, configure, and administer Active Directory directory services. This course also includes implementing Group Policy procedures to centrally manage users and computers.
Prerequisite: Windows Networking I & II (SNM 3413/3813).

SNM 4124  Windows Networking IV (4 Hours)
This course provides students with knowledge and skills necessary to design, implement, and support the required network infrastructure of the organization as implemented in Microsoft Windows. To accomplish this, technologies such as DHCP, OSPF, RIP, IGMP, and IP routing schemes will be discussed. Also included will be the design of a Microsoft Windows directory
services infrastructure in an enterprise network. Strategies for identifying the information technology needs of the organization and the resulting Active Directory design will also be covered. 

**Prerequisite:** Windows Networking II & III (SNM 3813/4113).

**SNM 4181-3 Networking Seminar** (1-3 Hours)
This course is used to cover new topics in the ever-changing world of computer networks. It will be offered on an as-needed basis.

**Prerequisite:** Permission of instructor.

**SNM 4213 Windows Networking V** (3 Hours)
This course provides students with the knowledge and skills necessary to design a security framework for small, medium, and enterprise networks using Microsoft Windows technologies.

**Prerequisite:** Windows Networking III & IV (SNM 4113/4124).

**THEOLOGY** (THEO)

**THEO 2163 Introduction to Theology** (3 Hours)
The General Education course for majors in the School of Theology & Ministry. An introduction of Christian theology. An attempt will be made to understand Christian convictions in light of the long-standing arguments within the theological discourse of the Christian Church. Pays special attention to the Wesleyan tradition and the theological significance of that vision for theology. Also pays particular attention to the relationships of Christian theological studies, biblical studies, philosophy, and church history.

**Prerequisite:** Introduction to Biblical Literature (BLT/GS 1163) and Methods in Biblical Study (BLT 2163). Introduction to Philosophy (PHIL 2013) recommended.

**THEO 2233 Introduction to Christian Thought** (3 Hours)
A General Education CORE course. An approach to basic concepts of Christian theology via the perspective of Biblical tradition, historical development, and contemporary relevance. Specific attention will be given to addressing current social and ethical issues.

**Prerequisite:** Intro. to Biblical Literature (BLT/GS 1163) or one freshman semester completed.

**THEO 3113 Old Testament Theology** (3 Hours)
A THEOLOGY & MINISTRY SCHOOL CORE REQUIREMENT. A beginning course in Biblical Theology. The methodologies of Old Testament Theology and the theological insights of the Old Testament will be introduced.

**THEO 3123 New Testament Theology** (3 Hours)

**THEO 3133 Doctrine of Holiness** (3 Hours)
A THEOLOGY & MINISTRY SCHOOL CORE REQUIREMENT. The Biblical foundations of the doctrine of holiness are explicated and the place of the holiness tradition in the stream of historic Christianity will be examined. Special attention is given to the explication and proclamation of the doctrine of holiness.

**THEO 4111 Senior Colloquium** (1 Hour)
A capstone experience for senior ministry students designed to integrate the work in their overall program of study. Students are required to compose a comprehensive essay, meet at various points during the semester for faculty presentations and group discussion, and be involved in an intensive weekend learning experience as a part of the course.

**THEO 4133 Systematic Theology I** (3 Hours)
A THEOLOGY & MINISTRY SCHOOL CORE REQUIREMENT. An intensive study of the Christian Faith as a systematic structure in which the various doctrines are perceived as integral parts of an organic whole and examined in the light of their biblical foundations, historical development and philosophical implications. The following doctrinal areas will be covered: revelation and inspiration, the being and nature of God, creation and providence, man and sin.

**Prerequisite:** Old Testament Theology (THEO 3113), New Testament Theology (THEO 3123), Introduction to Philosophy (PHIL 2013) and either History of Ancient and Medieval Philosophy (PHIL 3103) or History of Modern Philosophy (PHIL 3113).
THEO 4143  Systematic Theology II  (3 Hours)  
A THEOLOGY & MINISTRY SCHOOL CORE REQUIREMENT. A continuation of Systematic Theology I (THEO 4133). The following doctrinal areas will be covered: Christ, salvation, the church, and eschatology.

THEO 4173  Wesleyan-Arminian Theology  (3 Hours)  
The first half of the semester will be devoted to the background and development of the theology of James Arminius in its relation to 17th century Reformed theology. Special consideration will be given to the events which led to the Synod of Dort. The second half of the semester examines John Wesley's theology against the background of 18th century theology. Special attention is paid to Wesley's doctrine of Christian Perfection. Extensive readings in primary source materials will be required on both men.

THEO 4181-3  Directed Study  (1-3 Hours)  
Prerequisite: Approval of School.

ZOOLOGY (ZOO)  
ZOO 1115  General Zoology  (5 Hours)  
A foundational course in the principles of animal and human biology. Basic principles of taxonomy, anatomy, physiology, ecology, life histories, cell function and genetics are presented. All of the major invertebrate phyla and vertebrate classes are introduced. Three lectures and one four-hour lab per week. 
Prerequisite: HS courses in Biology and Chemistry with A or B grade. GSE: no prerequisite
ARMY RESERVE OFFICERS' TRAINING CORPS PROGRAM  
(ROTC)

Two, three and four-year programs are available to Southern Nazarene University students through a cooperative agreement between Southern Nazarene University and the University of Central Oklahoma. This allows students to commute to UCO and attend Army ROTC classes while continuing to pursue their degree at Southern Nazarene University.

Through the Army Reserve Officers’ Training Corps Program (ROTC), the Department of Military Science offers two programs to qualified male and female students leading to a commission as a Second Lieutenant in the U.S. Army, the Army Reserves, or the Army National Guard.

The Four-Year Program

The four-year program consists of a Basic Course and an Advanced Course. The Basic Course (MSI and II) is normally taken in the freshman and sophomore years. This instruction introduces the student to national defense, mission and organization of the U.S. Army, role of the Army Officer, leadership, military courtesy and customs, marksmanship, mountaineering, survival and map reading. Classes meet two hours per week. Wearing a uniform and attending leadership lab is optional. Basic Course students are under no military obligation.

The Advanced Course (MSIII and IV) is normally taken during a student’s junior and senior years. For admission to the Advanced Course as a ROTC cadet, a student must have completed or received placement credits for the Basic Course and signs a contract. Advanced Course contracting is selective and based on specific criteria to include leadership potential.

Instruction includes leadership development, group dynamics, management, tactics and administration. Classes meet three hours a week. The Advanced Course includes a 3-hour bi-weekly leadership lab period, physical conditioning classes, and a 5-week ROTC Advanced Camp.

Advance Course Cadets who have signed a contract receive $350 to $400 per month (up to a maximum of 20 months) during their junior and senior year. Contracted cadets agree to accept a commission as a Second Lieutenant, if offered, upon degree completion and Advanced Course to fulfill an initial obligation to the Active Army, National Guard or the Army Reserve.

The Two-Year Program

The two-year program involves only the Advanced Course as described above. Students may qualify for the two-year program by either attending the Leaders’ Training Course (an all expense paid 28-day camp at Fort Knox, KY) or by being granted placement credit for prior military service or high school junior ROTC. Eligible graduate students can participate in the two-year program.
General

1. SNU students who enroll in any of the four military science courses will receive academic credit, which will satisfy elective hours required for SNU degree completion requirements.
2. Enrollment in Basic Course classes will not incur a military obligation.
3. Students taking military science courses will pay the current tuition and fee rates required by UCO.
4. Grades and credits for the completion of ROTC courses will be transferred to the student’s permanent records at SNU.
5. SNU students will also have an equal opportunity to compete for two and three-year ROTC scholarships, which will pay tuition and laboratory fees for both SNU and UCO courses as well as provide $300 per semester towards the cost of books. Scholarship students also receive $250 to $400 a month subsistence pay for the duration of the scholarship.
6. Those students interested in participating in ROTC while belonging to a Reserve or National Guard unit may do so under the Simultaneous Membership Program.

For additional information, call the Military Science Department at the University of Central Oklahoma, (405) 974-5166/205-8807.

Course Descriptions

1102 U.S. Army and Officer Leadership I (MS I-Fall)
An introduction to the United States army: its organization, missions, customs, courtesies, benefits, and reserve officers’ training corps leadership training. Also provides instruction on basic land navigation skills, and survival skills.

1132 U.S. Army and Officership II (MS I-Spring)
A continuation of MILSC 1102 with an emphasis on military writing, ethics, fundamentals of leadership, and basic first aid.

2000 Leadership Lab
Leadership Lab provides hands-on experience for the lessons received in the classroom. Emphasis on developing the skills, which will enable you to develop self-confidence in your abilities to lead and train others.

2114 Military Science II
A study of the skills necessary for successful leadership and management. Case studies and classroom discussion using Historical and current examples of military leadership, small group management, counseling techniques and superior/subordinate relationships are studied. Introduction to map reading and army branches. PREREQUISITE: MILSC 1132

2302 Basic Military Leadership Skills I (MS II-Fall)
A study of the skills necessary for successful leadership and management. Emphasis on Historical examples of military leadership and management principles. Development of counseling techniques, problem solving, and the proper use of the chain of command explained through class discussion and case studies.

2252 Basic Military Leadership Skills II (MS II-Spring)
A continuation of the study of necessary leadership skills. Emphasis on small group management and superior/subordinate relationships. An introduction to army branches; navigation using map and compass; physical readiness; injury prevention and first aid.

3000 Workshop in Military Science (Basic Camp)
Credit will vary from 1 to 6 hours; subject matter will vary within the department's field of study. Normally involves lecture, films, guest speaker, etc. A grade of "P" or "F" is given. No more than 6 hours of workshop may be counted toward a bachelor's degree.
3103 Advanced Military Leadership Skills I (MS III-Fall)
Practical exercises in the academic and leadership skills necessary for attendance at the ROTC advanced camp. Special emphasis is placed on leadership development, methods of instruction, organization of training, and physical fitness. PREREQUISITE: Written permission of instructor and concurrent enrollment in MILSC 2001.

3153 Advanced Military Leadership Skills II (MS III-Spring)
Continuation of MILSC 3103. Special emphasis on tactics, branching, leadership and command. PREREQUISITE: Written permission of instructor and concurrent enrollment in MILSC 2001.

4103 Military Law, Ethics, and Professionalism (MS IV-Fall)
Command and staff functions of the military team with emphasis on leadership, command techniques, military justice, ethics, and professionalism for the lieutenant. PREREQUISITE: MILSC 3103, 3153, written permission of instructor, and concurrent enrollment in MILSC 2001.

4913 Transition to Officership (MS IV-Spring)
Continuation of MILSC 4103. Command and staff functions of the military team with emphasis on leadership, command techniques, military justice, ethics, and professionalism for the lieutenant. PREREQUISITES: Written permission of instructor, and concurrent enrollment in MILSC 2001.

AIR FORCE RESERVE OFFICER TRAINING CORPS PROGRAM
(ROTC)

Southern Nazarene students have a unique opportunity to join Air Force Reserve Officer Training Corps (AFROTC) while attending Southern Nazarene University. A cooperative agreement between Southern Nazarene University and the University of Oklahoma (OU) exempts SNU students from paying most fees and insurance at OU. Basically, the only cost to the student is for the AFROTC credit hour(s). AFROTC classes meet on the OU campus.

AFROTC offers a variety of scholarships in Nursing, Computer Science, Engineering, and other majors that students could pursue at SNU. After completing a degree and the AFROTC program, the student will be commissioned as an officer in the United States Air Force and also have a guaranteed job after graduation. For more information, contact Captain Brent Belschner at (405) 325-3211 or 3212.

Course Descriptions
AERO 1011 (Fall), AERO 1021 (Spring) The Foundations of the United States Air Force
AERO 1011 and AERO 1021 are survey courses designed to introduce students to the United States Air Force and Air Force Reserve Officer Training Corps. Featured topics include mission and organization of the Air Force, officership and professionalism, military customs and courtesies, Air Force officer opportunities, and an introduction to communication skills. AERO 1300, Leadership Laboratory, is mandatory for AFROTC cadets and complements these courses by providing cadets with followership experiences.

AERO 2011 (Fall), AERO 2021 (Spring) The Evolution of Air and Space Power.
AERO 2011 and AERO 2021 are survey courses designed to examine general aspects of air and space power through a historical perspective. Utilizing this perspective, the course covers a time period from the first balloons and dirigibles to the space-age global positioning systems of the Persian Gulf War. Historical examples are provided to extrapolate the development of Air Force capabilities (competencies), and missions (functions) to demonstrate the evolution of what has become today's USAF air and space power. Furthermore, the course examines several fundamental truths associated with war in the third dimension: e.g., Principles of War and Tenets of Air and Space Power. As a whole, this course provides the students with a knowledge level understanding.
for the general element and employment of air and space power, from an institutional doctrinal and Historical perspective. In addition, the students will continue to discuss the importance of the Air Force Core Values with the use of operational examples and Historical Air Force leaders and will continue to develop their communication skills. AERO 1300, Leadership Laboratory is mandatory for AFROTC cadets and complements these courses by providing cadets with followership experiences.

AERO 3013 (Fall), AERO 3023 (Spring) Leadership Studies.
AERO 3013 and AERO 3023 are survey courses that address leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, leadership ethics, and communication skills required of an Air Force junior officer. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts being studied. A mandatory Leadership Laboratory, AERO 3100, complements these courses by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply leadership and management principles of this course.

AERO 4013 (Fall), AERO 4023 (Spring) National Security Affairs/Preparation for Active Duty
AERO 4013 and AERO 4023 examine the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Special topics of interest focus on the military as a profession, officerhood, military justice, civilian control of the military, preparation for active duty, and current issues affecting military professionalism. Within this structure, continued emphasis is given to refining communication skills. A mandatory Leadership Laboratory, AERO 4100, complements these courses by providing advanced leadership experiences in officer-type activities, giving students the opportunity to apply leadership and management principles of this course.

AERO 1300 Leadership Laboratory (2 hours non-credit)
AERO 1300 includes a study of Air Force customs and courtesies, drills and ceremonies, and military commands. The Leadership Laboratory also includes studying the environment of an Air Force officer and learning about areas of opportunity available to commissioned officers.

AERO 3100 Leadership Laboratory (2 hours non-credit)
AERO 3100 consists of activities classified as leadership and management experiences. They involve the planning and controlling of military activities of the cadet corps, and the preparation and presentation of briefings and interviews, guidance, and information that will increase the understanding, motivation, and performance of other cadets.

AERO 4100 Leadership Laboratory (2 hours non-credit)
AERO 4100 consists of activities classified as leadership and management experiences. They involve the planning and controlling of military activities of the cadet corps by applying the AFROTC Training Guide philosophy in supervising the cadet corps. They also involve the preparation and presentation of briefings and other oral and written communications. The Leadership Laboratory also includes interviews, guidance, and information that will increase the understanding, motivation, and performance of other cadets.
Adult Studies

Divider Page
SCHOOL OF ADULT STUDIES

Mission and History
The mission of the School of Adult Studies is to provide adults access to higher educational opportunities in order that they may be empowered to develop intellectually, emotionally, and spiritually. Organized in 1985, the School administers these academic programs: Alternative and Prior Learning (APL), FSG Program Practica, the Organizational Leadership major (OL), the Family Studies and Gerontology major (FSG), the Nursing major (RN/BS), the Systems Network Management major (NM), and the general education Bridge courses. It also cooperates in advising pre OL, FSG, RN/BS, and NM students.

The School of Adult Studies also offers OL, FSG, and RN/BS programs at the SNU Center in Tulsa, Oklahoma.

Memberships
Association for Continuing Higher Education (ACHE)
Council for Adult and Experiential Learning
Christian Adult Higher Education Association (CAHEA)

Administration
The programs in this college are under the supervision of the Dean of Graduate and Adult Studies. Implementation is the responsibility of the faculty of Adult Studies and supporting departments. All policies and curricula are monitored and approved by the Academic Council, the School, and university faculty.

Faculty
Davis Berryman, Ph.D. ......................... Professor, Dean, Graduate and Adult Studies
Carla Cooper, M.S., RNC.............................. Assistant Professor, Academic Coordinator, RN/BS
Arleen Crutcher, M.S., R.N...................... Assistant Professor, Nursing (Tulsa)
Anne Ghost Bear, Ed.D......................... Associate Dean, Assistant Professor, APL (Tulsa)
Cathy Hutchings, Ed.D ......................... Professor, Director, OL Program (Campus), Director, OL Curriculum
Delilah Joiner, M.S. .................................. Assistant Professor, Director FSG (Campus), Director, FSG Curriculum, APL
Sue Anne Lively, Ed.D. ......................... Professor, Director, APL
Linda Miner, Ph.D. .................................. Professor, Director, OL/FSG Programs (Tulsa)
A. Koshy Muthalaly, Ph.D..................... Professor
Jim Smith, M.A. .................................. Associate Professor, Associate Director, OL Program (Campus)
Sheila Stout, M.A., MAMFT ............... Associate Professor, APL; Director, Bridge Program

Administrative Directors
Kent Caggett, M.S.M.................... Associate Director, Admissions and Marketing (Tulsa)
Lori Smith, B.S................................. Program Representative
Steve Stearman, M.S.......................... Program Representative
Francine Vitamvas, M.S.................. Program Representative

Administrative Support
.............................. Administrative Assistant, Academic Services
Carol DeLong.............................. Administrative Assistant, Graduate and Adult Studies
Linda Lauhon.............................. Administrative Assistant, OL and FSG (Tulsa)
and Administrative Assistant, Adult Studies Dean
Teaching Faculty

The teaching faculty includes Adult Studies faculty, full-time university faculty, associate faculty, and a number of qualified adjunct faculty who bring practical application to the academic environment.

Admissions

To effectively assist adult students (generally those 25 years of age and older who have significant work experience) with admission to the University and to the specialized programs offered in the School of Adult Studies, the school maintains admissions offices on campus and at the Center in Tulsa. Adults who are interested in one of the programs offered by the School of Adult Studies need to apply using the forms and procedures of the Adult Studies Admissions Office. These policies and procedures are supplemented by the Adult Studies Handbook, which is considered an official extension of this Catalog.

Alternative and Prior Learning Services

Faculty provides the following services to adult students: initial assessment and evaluation, academic advising, prior learning assessment and Portfolio development.

Prior Learning Assessment

SNU offers adult students the opportunity to petition for college credits through prior learning assessment. The assessment of learning follows guidelines provided by the Council for Adult and Experiential Learning (CAEL).

Forms of Credit Recognized

The University will award credit based on the following measures of non-collegiate learning: proficiency exams (CLEP and departmental challenge exams); formal non-collegiate coursework for which credit recommendations have been established by NY Regents National PONSI and ACE PONSI; military educational experiences recommended for credit by ACE; and individualized assessment of prior learning. The number of credits earned through these methods is limited depending on the degree choice.

Methods of Individualized Assessment of Prior Learning

Individualized assessment requires the development of a portfolio of learning experiences (collegiate and non-collegiate). All students who wish to petition for credit are required to work with a faculty member from the School of Adult Studies to receive instruction and advice on how to develop a portfolio.

Credit may be awarded through the following:

1. Professional/Technical Training. Students supply documentation of training and articulate the learning. This documentation and articulation are reviewed and evaluated by University faculty for the possible awarding of college credit.

2. Prior Learning Experiences. Students write reports in a prescribed format detailing the learning acquired through various non-collegiate learning experiences. These reports, which must include documentation, are reviewed and evaluated by University faculty for the possible awarding of college credit.

Limitations on Credit Awarded

All students are limited to a maximum of 30 semester hours earned through individualized prior learning assessment.
Prior learning assessment credit is limited to college learning that applies to general education and elective courses at the undergraduate level. The option for prior learning assessment continues up to the third semester of the student's program (FSG, NM, OL, RN/BS). After the beginning of the third semester, other options for earning credit, such as classes, CLEPs, etc., must be used.

**Transcript Designation**

Credits earned through prior learning will be designated on the transcript as follows:

1. **Professional/Technical Training.** A block of hours will be awarded for each academic area petitioned. Learning will be designated by year(s) of completion, title, and number of credits received.
   
   Example: 1994-95 Professional Training-Business 6 CR

1. **Prior Learning Experience.** If the learning corresponds with a course listed in the current catalog, the learning will have that departmental prefix, number, and title. Otherwise, the learning will have the following course numbers: 1991-4, 2991-4, 3991-4, 4991-4. The two center numbers of the four-digit course number will be ‘99’ designating prior learning. The other numbers correspond to the level (freshman, sophomore, etc.) and the number of credits awarded. Letter grades are not given for prior learning. The grade is designated as ‘CR’ indicating credit was awarded.
   
   Example: PHIL 3993 Philosophy of Family 3 CR

**Refund Policies (Return of Title IV Funds)**

**(BRIDGE, FSG, NM, OL, RN/BS)**

As part of the Higher Education Amendments of 1998, Congress passed new provisions governing what must happen to Federal financial assistance if a student completely withdraws from school in any module.

Federal law specifies how a school must determine the amount of federal financial assistance that a student earns if he/she withdraws*, drops out, is dismissed or takes an unreturned leave of absence prior to completing more than 60% of a payment period**. SNU and the student will be required to return to the Federal aid programs the amount of aid received that was in excess of the aid earned for the time period the student remained enrolled.

The percentage of the semester completed is the percentage of aid earned. This is calculated by the number of days the student attended divided by the number of days in the payment period (i.e. semester).

In general, the law states that a student earns Federal financial assistance directly in proportion to the number of days in the semester attended. If the student receives (or SNU receives on the student's behalf) more assistance than earned, the unearned excess funds must be returned to the Department of Education.

If SNU returns funds to the Title IV aid programs, it could result in the student owing SNU charges that were originally paid at the time of disbursement. Students may be required to return funds released to them for personal expenses.

Unearned Title IV aid shall be returned to the following programs in the following order:

- **Unsubsidized Stafford Loan**
- **Subsidized Stafford Loan**
Parent Loans to Undergraduate Students (PLUS)
Federal Pell Grant
Federal SEOG
Other Title IV Grant Programs

*The withdrawal date will be determined by SNU as (1) the date the student officially notified the administrative office of intent to withdraw; (2) the midpoint of the module if the student withdraws without notifying SNU; or (3) the last date of attendance at an academically-related activity as documented by SNU.

**The payment period is considered the current semester from which the student withdraws.

Due to frequent changes in Federal and State regulations, see the Adult Studies Financial Assistance office for details of current policies.

Withdrawal Policy (Explanation of Charges)

When a student withdraws, tuition and fees are retained only for those modules in which the first class has met. If a student attends any part of a module, the full amount of tuition and program fees for that module are nonrefundable. A pro-rataion is calculated for the program based on the following percentages:

Withdrawal date after: Week 1 100%
Week 2 60%
Week 3 40%
Week 4 no refund

Bridge Program and Independent Study Modules

Bridge

The general education Bridge program allows students to obtain general education courses in an accelerated format. Classes are held one night a week for 20 weeks; this is considered a Plank. During a Plank, a student earns 12 hours of college credit. The Bridge program offers four different Planks of general education with multiple starting points available during the calendar year.

Offerings include courses such as:

- MCJL 4353 Interviewing Techniques
- BT/ENGL 3233 The Bible as Literature
- GEOG 1113 Physical Geography
- HP 4173 Modern Latin America
- MATH 1113 Math: Concepts and Models
- SP C 4233 Intercultural Communication
- SOC 4183 Cultural Anthropology
- FA 2123 Introduction to Fine Arts
- NURS 2323 Nutrition for Disease and Health
- ART 4173 History of Art
- PSY/SOC 1023 Crucial Issues: Personal and Social
- THEO 2233 Introduction to Christian Thought
- SOC 3103 Race and Ethnicity
- HP 4303 America in Vietnam
- BIOL 3213 Ornithology
- PHIL 4233 Worlds Living Religions
- HUM 3233 American Cinema/American Culture
- SOC 2153 Sociology of Family
Course placement and offerings are subject to change. See appropriate department for course descriptions.

**Independent Study Modules (ISM)**

The University, through the School of Adult Studies, offers a number of courses that a student may take independently. A student may enroll in an ISM by contacting his/her assigned academic advisor.

Enrollment requires admission to the University through the School of Adult Studies. The tuition and fees for Bridge and ISMs follow the current undergraduate tuition and fee schedules.

**The following courses are currently offered as ISMs:**

**BLT 1163 Introduction to Biblical Literature (3 hours)**
Introduction to Biblical Literature is a freshman level course. It provides an introduction to the basic narrative line of the Bible. Significant characters, events, and themes will be the focus along with study of the way the Biblical literature functions in the formation of faith.

**ENGL 2413 Introduction to Literature (3 Hours)**
Introduction to Literature emphasizes principles of reading literature for understanding and appreciation while exposing students to a wide range of themes and genres found in literature. Students will read, analyze, and write about representative examples of short stories, poetry, and essays, as well as at least one drama and one novel.

**HP 2003 World Civilizations (3 credit hours)**
A General Education CORE course. In it students will study the development of the world’s civilizations from their prehistoric roots to the modern era. This course will analyze the major political, social, economic, moral and ideological foundations important in the development of world civilizations. The course is structured to help students become better-educated persons in the modern globalizing environment.

**HUM 4173 Modern Latin America (HP 4173) (3 Hours)**
An upper-division survey of Modern Latin American History, this ISM uses a multidisciplinary approach to examine political, social and cultural aspects of the 33 sovereign states that make up Latin America and the Caribbean region. This is an area which is important politically to the United States and which promises to be even more so in the 21st century. However, North American knowledge of the area tends to be characterized by ignorance and long-held prejudices. This course aims to remedy that state of affairs.

**NS 1121-3 Introduction to Astronomy (1-3 Hours)**
This ISM introduces the students to the history of astronomy and some of the contributions that astronomy has made to modern science. Topics studied include the development of a calendar based on astronomical observations, the astronomical theories of the ancient Greeks, the influence of astronomy during the “Scientific Revolution” in Europe, and some modern cosmological theories.

**NS 1112 The Greenhouse Effect (2 Hours)**
The causes and effects of the global warming of the earth are the topic for this module. Many scientists believe that the greenhouse effect will result in dramatic climatic changes everywhere in the world during the next five or so decades.

**PHIL 3233 Ethics (3 Hours)**
This ISM extends the centuries-old debate about “How does one determine the morality of any action?” and “How can one resolve ethical dilemmas?” This course is structured as a guide to help students develop and clarify their personal value systems and is intended to open minds and inform.

**PSY 1113 General Psychology (3 Hours)**
This module introduces the student to the broad field of psychology as a behavior science. Attention is given to the basic concepts and methods of psychology.
SP C 3233 Family Communication (3 Hours)
This ISM provides the opportunity and challenge for students to explore communication within their family-of-origin and/or their current family. It is a study of communication and the factors that influence its effectiveness in the context of the family. The course explores alternatives to typical problem areas in communication that occur among family members.

Baccalaureate Degree-Completion Programs
Admission Requirements
Admission to the baccalaureate degree-completion programs is processed through the School of Adult Studies Admissions Office. To enter these programs, the applicant must have previously completed two (2) years of college (60 transferable credit hours). The applicant for OL, FSG, and NM, must also have a minimum GPA of 2.0 (4.0 scale). RN/BS applicants must have a 2.5 GPA (4.0 scale) and generally applicants are at least 25 years of age and can demonstrate significant work experience. An application interview and satisfactory completion of a writing sample are required before admission assessment can be processed.

Degree Requirements
Completion of a baccalaureate degree requires a minimum of 124 credit hours, 30 of which must be taken at SNU. Forty hours must be upper division (junior or senior level) courses. An overall GPA of 2.0 (4.0 scale) is required for graduation. A GPA of 2.0 is also required in the major. Credit for experiential learning may be earned through the submission of a portfolio—limited to 30 semester hours.

Tuition and Fees
Please call the School of Adult Studies for current tuition and fee charges
Application Fee.............................. 25.00 (non-refundable)
Registration Fee ......................... 150.00 (non-refundable)
Re-Entry Fee................................. 100.00 (non-refundable)
Program Fees...............................Variable (non-refundable)

Curriculum
The curricula for the Bachelor of Science degree-completion programs are divided into three categories: (1) General Education, (2) Electives, (3) Major coursework.

1. General Education (45 hours in addition to the liberal studies included as part of each Adult Studies major)
   a. Language, Literature, & Communication (12-15 hours)
   b. Social & Behavioral Sciences (9-12 hours)
   c. Natural Science (9-12 hours)
   d. Fine Arts, Philosophy, & Theology (9-12 hours)
2. Electives (41-43 hours)
3. Major Coursework (36 hours)

Majors
Family Studies and Gerontology (FSG)
Degree Objectives
The FSG program leads to a Bachelor of Science degree with an interdisciplinary major in Family Studies and Gerontology. The degree focuses on increasing the student's understanding of the family, the aging individual, and the aging population in contemporary society.
Course Descriptions

PSY 3133 Human Development (3 Hours)
This course focuses on early development—conception through adolescence. Emphasis is placed on understanding the physical, psychological and social processes that form the foundation upon which development rests.

PSY 3413 Adult Learning (3 Hours)
This course examines adult learning theory and various learning styles. The course provides a model that is used to analyze life experience.

SP C 3462 Family Communication (2 Hours)
This course examines interpersonal communication and the factors that influence its effectiveness in professional, family, and personal relationships.

PSY/SOC 4433 Adulthood & Aging (3 Hours)
This course provides a study of development from young adulthood through later life. An introduction to the field of gerontology is also given.

SOC 4442 Family: Dynamics & Structure (2 Hours)
This course studies the origin, development, functions, and problems of the basic social institution of our culture—the family. A systems approach is used to study the relationship and dynamics of family functioning.

SOC 4533 Social Service Resources/Practicum (3 Hours)
This course examines the social, economic, and legal services that are relevant to the family and later life adults. Special coverage will be given to availability of public and private resources. This course involves work in a community setting.

STAT 3423 Data Analysis Methods (3 Hours)
This course provides a survey and application of the basic data analysis methods used in the process of evaluation, including a study of both descriptive and inferential statistical methods.

PSY 3423 Introduction to Counseling (3 Hours)
This course combines the relevant principles and techniques of counseling and is designed to develop counseling competency.

REL 3413 Biblical Perspectives (3 Hours)
This course provides study of the Bible as a foundation to an understanding of Western culture and history. The course also explores the relevance of the Bible to modern day life.

SOC 4453 Family: Coping with Crises (3 Hours)
This course examines the various crises and transitions which a family can experience throughout its various stages, as well as the dynamics of relationships and coping strategies for times of transition and crisis.

BADM 4442 Introduction to Management & Administration (2 Hours)
This course examines management styles and supervisory principles relevant to the administration of programs for the family and aging individual.

PSY/KSM/FCS 4522 Assessment and Wellness (2 Hours)
This course examines the techniques for assessing the physical, mental, social, and emotional status of the adult in later life. Emphasis will be given to the development of appropriate methods for optimizing the functioning of the aging individual.

SOC/PSY 3442 Death, Grief, & Loss (2 Hours)
This course explores the modern concepts of death and loss in contemporary society. The course examines the symptoms of grief and loss, and available coping strategies.

GS 4423 Values: Personal & Social (3 Hours)
This capstone course examines various theories of man and their relevance to personal and social values. The course provides the basis to formulate or clarify a philosophy of life consistent with the demands of a responsible lifestyle in the contemporary world.
SCHOOL OF ADULT STUDIES

FSG Program Practica
The FSG Director or a designated faculty member coordinates the practicum experiences for students who are enrolled in the FSG Program. The practicum experience is based on the assumption that classroom study becomes more meaningful and relevant when it is combined with hands-on activity. The practicum allows the student to prepare for the world of work or bridge the gap from previous work experience to a new career in an unfamiliar field.

Network Management (NM)

Degree Objectives
The NM program leads to a BS degree in Network Management. This program also provides academic requirements for Microsoft certification. In addition to the Microsoft courses, the required coursework focuses on decision-making skills and effective human relations.

Course Descriptions

PSY 3413 Adult Learning (3 Hours)
This course examines adult learning theory and various learning styles. The course provides a model that is used to analyze life experience.

NM 3413 Windows Networking I (3 Hours)
This course provides students with the knowledge and skills necessary to perform installation, configuration, and administrative tasks for setting up a single-domain Microsoft Windows-based network. Class meets two nights a week.

SP C 4423 Interpersonal Communication (3 Hours)
This course examines interpersonal communication and the factors that influence its effectiveness in both professional and personal relationships.

NM 3813 Windows Networking II (3 Hours)
This course provides students with the knowledge and skills necessary to install, configure, manage, and support a network infrastructure in a Microsoft Windows-based network. Class meets two nights a week.

MGT 3413 Organizational Behavior I; Diagnosis & Planned Change (3 Hours)
This course analyzes the formal and informal functions and problems of organizations. The course also examines the strategies to plan, implement, and manage change in an organization.

NM 4413 Windows Networking III (3 Hours)
This course provides students with the knowledge and skills necessary to install, configure, and administer Active Directory™ directory services. This course also includes implementing Group Policy procedures to centrally manage users and computers. Class meets two nights a week.

REL 3413 Biblical Perspectives (3 Hours)
This course provides study of the Bible as a foundation to an understanding of Western culture and history. The course also explores the relevance of the Bible to modern day life.

STAT 3423 Data Analysis Methods (3 Hours)
This course provides a survey and application of the basic data analysis methods used in the process of evaluation, including a study of both descriptive and inferential statistical methods.

NM 4123 Windows Networking IV (3 Hours)
This course provides the students with the knowledge and skills necessary to design, implement, and support the required network infrastructure of the organization as implemented in Microsoft Windows. To accomplish this, such technologies as DHCP, OSPF, RIP, IGMP, and IP routing schemes will be discussed. Also included will be the design of a Microsoft Windows directory services infrastructure in an enterprise network. Strategies for identifying the information technology needs of the organization and the resulting Active Directory™ design will also be covered. Class meets two nights a week.
MGT 4413 Organizational Behavior II; Leadership & Management (3 Hours)
This course examines various theories of management, leadership styles, and motivation theories as applied to the supervision of people in organization. The course includes the study of labor negotiations, performance appraisals, and employee productivity and development.

NM 4213 Windows Networking V (3 Hours)
This course provides students with the knowledge and skills necessary to design a security framework for small, medium, and enterprise networks using Microsoft Windows technologies. Class meets two nights a week.

GS 4423 Values: Personal & Social (3 Hours)
This capstone course examines various theories of man and their relevance to personal and social values. The course provides the basis to formulate or clarify a philosophy of life consistent with the demands of a responsible lifestyle in the contemporary world.

Nursing (RN/BS)

Degree Objectives
The R.N. program leads to a Bachelor of Science degree with a major in Nursing. The coursework includes advanced nursing concepts, trends and issues and focuses on community health, leadership and research. The student completes thirty-six hours (24 hours Nursing and 12 hours General Education) and is prepared for graduate work in nursing.

Course Descriptions
NURS 3903 Professional Concepts in Nursing (3 Hours)
Selected concepts in nursing are explored. The theoretical foundations of nursing are discussed. Critical components of effective communication and critical thinking are emphasized. Expanded use of nursing process is examined, and nursing research is introduced.

PSY 3413 Adult Learning (3 Hours)
This course examines adult learning theory and various learning styles. The course provides a model that is used to analyze life experience.

NURS 4903 Health Assessment and Promotion Across the Lifespan (3 Hours)
This course provides the comprehensive knowledge base for health assessment skills in performing system and region-specific examinations of infants, children, adults, and older adults. Documentation and interpretation of findings is discussed along with health promotion opportunities in the following areas: nutrition, activity/exercise, sleep/rest, medication/substance use, self-care responsibilities, social and occupational activities, family relationships, stress levels/coping styles and environment.

NURS 4913 Community Health Nursing: Family and the Local Environment (3 Hours)
Concepts of health maintenance are studied with the focus on the family throughout the life span. The nursing process is applied to family and community health. An in-depth family study is done as well as a beginning community assessment to identify resources for health and safety available to the study family. Local health agencies will be utilized in providing experiences for the clinical portion.

STAT 3423 Data Analysis Methods (3 Hours)
This course provides a survey and application of the basic data analysis methods used in the process of evaluation, including a study of both descriptive and inferential statistical methods.

NURS 4923 Nursing Research (3 Hours)
The scientific methods of problem solving and theory development are explored through nursing research. Knowledge of the research process and critical thinking are expanded by critiques of nursing research articles. Emphasis is given to research utilization in practice. A written research proposal is required.

REL 3413 Biblical Perspectives (3 Hours)
This course provides study of the Bible as a foundation to an understanding of Western culture and history. The course also explores the relevance of the Bible to modern day life.
NURS 4933 Gerontologic and Disability Care (3 Hours)
The focus of the course is best practices in gerontologic and chronic disease nursing care. Also, care of individuals with various disabilities living in a variety of settings is examined. Clinical time will be spent where geriatric and chronic disease patients are seen. In addition, visits will be made to community settings where individuals living with disabilities reside.

NURS 4943 Community Health Nursing: The Larger Community and Population-Focused Health Care (3 Hours)
The role of nursing in promoting health in the local community, state, national and international arenas is studied. The nursing process is utilized in studying a community and a national health-related agency. Epidemiology and population needs are identified and the use of these in planning health care programs is explored. A clinical portion of this course will emphasize working with large groups of persons with a multicultural background.

ECO 3913 Health Care Economics (3 Hours)
This course will examine the general principles of economics at work in the American system. It will include the concept of supply and demand, quality of care, consumerism, allocation of scarce resources and managed care in the health care market place. The application, implications, and ethical ramifications of these principles for the American health care system will also be discussed.

NURS 4593 Leadership (3 Hours)
This course will focus on the concepts of leadership and management as they relate to nursing practice, nursing service, and the delivery of health care. Opportunity to apply the concepts is the focus of the clinical component. Organization and role theories will be analyzed.

NURS 4963 Professionalism and Bioethics in Nursing (3 Hours)
Growing and thriving as a professional nurse in a dynamic and changing health-care field is examined. Considered are the role of theories in nursing as a basis for practice, bioethics, the political and legal areas and issues that concern the nursing profession now and in the future.

Organizational Leadership (OL)

Degree Objectives
The OL program leads to the Bachelor of Science degree with a major in Organizational Leadership. The required coursework focuses on the necessary leadership, communication, human relations, and decision-making skills to develop or increase effectiveness in working with people.

Course Descriptions
SPC 4423 Interpersonal Communication (3 Hours)
This course examines interpersonal communication and the factors that influence its effectiveness in both professional and personal relationships.

PSY 3413 Adult Learning (3 Hours)
This course examines adult learning theory and various learning styles. The course provides a model that is used to analyze life experience.

MGT 3413 Organizational Behavior I/ Diagnosis and Planned Change (3 Hours)
This course analyzes the formal and informal functions and problems of organizations based on a systems model. The course also examines the strategies to plan, implement, and manage change in an organization.

BADM 4423 Applied Research & Reporting (3 Hours)
This course provides for the study and application of principles, methods, and techniques required to conduct and report applied research. The course also emphasizes the skills needed to report the research in both written and oral presentation.

BADM 4413 Human Resources Administration (3 Hours)
This course presents the policies of recruitment, selection, training, development, and compensation of employees. Attention is given to affirmative action, equal employment opportunity, and the Office of Safety and Health Administration (O.S.H.A.) legislation.
STAT 3423 Data Analysis Methods (3 Hours)
This course provides a survey and application of the basic data analysis methods used in the process of evaluation, including a study of both descriptive and inferential statistics methods.

REL 3413 Biblical Perspectives (3 Hours)
This course provides study of the Bible as a foundation to an understanding of Western culture and history. The course also explores the relevance of the Bible to modern day life.

SP C 3473 Group and Organizational Communication (3 Hours)
This course examines group and organizational functioning and the factors that influence effectiveness in informal and formal groups and organizations. Emphasis is placed on leadership, decision-making, and conflict management.

MGT 4414 Organizational Behavior II/Leadership and Management (4 Hours)
This course examines various theories of management, leadership styles, and motivation theories as applied to the supervision of people in organizations. The course includes the study of labor negotiations, performance appraisals, and employee productivity and development.

GS 4423 Values: Personal and Social (3 Hours)
This capstone course examines various theories of man and their relevance to personal and social values. The course provides the basis to formulate or clarify a philosophy of life consistent with the demands of a responsible lifestyle in the contemporary world.

BADM 4435 Senior Project (5 Hours)
The project requires the student to analyze an organizational problem, select appropriate research methodology to examine solutions, and evaluate the implementation. The project results are reported in both written and oral presentations.
SUMMER AND MINI SESSIONS

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SUMMER AND MINI SESSIONS

Mini-Terms

Mini-Term sessions are held in the two weeks immediately following Commencement in May and the two weeks immediately prior to Spring semester. No more than three (3) credit hours are allowed in any given mini-term.

Summer Session

The Summer Session is held during the four weeks of June. A load of no more than six (6) credit hours is allowed.

The Summer Session provides an opportunity for:

- The high school graduate to begin college study immediately.
- The public school teacher to take additional college work.
- Progressing more rapidly toward the completion of a degree.
- Completing final work on a degree program (six (6) hours maximum) to graduate in August.
- Graduate work leading to a Master's degree.
- Continuing education interests.

Other: Some courses or workshops are offered on a one-week or two-week basis throughout the summer.

Scope: Selected courses are offered in several areas of the University during mini-term and/or summer sessions. See the annual Schedule of Classes for particular course listings. With few exceptions the courses are identical to corresponding class work offered during the regular semester. Selected graduate courses are offered in Theology and Ministry, and Education.

Faculty: The Southern Nazarene University summer session faculty is composed chiefly of regular faculty members, although some visiting instructors may be secured to offer work for which they are particularly well qualified.

Facilities: The regular facilities of the University, including the LRC, laboratories, the gymnasium, dormitories, and Fine Arts practice rooms are available on a limited basis for use in the summer.

Admission: Students who enter Southern Nazarene University for the first time in a Summer or Mini-term session, and are working toward a degree, must meet the regular requirements for admission.

Registration: The maximum load for which the average student may register in the summer term is six (6) semester hours. Students who are employed for any part of their expenses must, of course, limit their load further. The maximum load is three (3) semester hours during the two-week Mini-term session.

Regulations: All students are expected to conform to the same academic and lifestyle requirements that are in effect during the regular academic year. Announcement will be made in the summer session regarding any modification or special requirements that may be necessary to promote the best interests of the summer students.

Schedule of Classes: The schedule of summer classes is included in the general Schedule of Classes for the following semester. A schedule may be secured from the Office of Academic Affairs, Southern Nazarene University, Bethany, Oklahoma 73008.
Personnel

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David Alexander, Ed.D. ................................................................. Vice-President for University Advancement
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Michael Brooks, Ed.M. ................................................................. Vice-President for Student Development
Don W. Dunnington, D.Min. ......................................................... Vice-President for Academic Affairs
Selden Dee Kelley III, Ph.D. .......................................................... Vice-President for Spiritual Development
Terry N. Toler, Ed.D. ................................................................. Vice President for Church Relations
Martha L. Banz, Ph.D. ................................................................. Dean, Arts & Sciences
Davis Berryman, Ph.D. ................................................................. Dean, Graduate & Adult Studies

Administrative Offices
Susan Bressler, Executive Secretary ............................................ Office of the President
Margaret Farmer, Executive Secretary ........................................ Office of Church Relations
Lyne Johnson, Executive Secretary ............................................. Office of Financial Affairs
Sandy Mills, M.A., Administrative Assistant ............................. Office of Academic Affairs
Shirley Phelps, B.S., Executive Secretary .................................... Office of University Advancement
Beth Wetmore, B.S., Executive Secretary/Office Mgr. ............... Office of Student Development

Administrative Associates
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Kimberly Campbell, M.A., L.P.C. .................................................. Director of Counseling Services
Kent Claggett, M.S.M. ................................................................. Associate Director, Admissions & Marketing (Tulsa)
Reggie Coleman, B.B.A ......................................................... Manager, University Store
J. Michael Crabtree, M.A. ..................................................... Asst. to the President, Endowment Dev. & Planned Giving
Loral McDonald Henck, M.Ed. .................................................. Director, Academic Center for Excellence
Larry Hess, M.S.M. ................................................................. Director of Admissions
Miriam Key, A.A. ................................................................. Director, Career Center
Chuck Kietzman, M.S. ............................................................... Director of Financial Assistance
Wesley Lee, M.S., CBA ............................................................... Registrar
Beverly Lyles ................................................................. Director of Advancement Services
Bobby Martin, M.A. ................................................................. Athletic Director
John Martin, M.A. ................................................................. Executive Director of Development
Myrth Mehl, R.N., B.S.N. ......................................................... Director of Student Health Center
Cheri Pack ................................................................. Manager, Webster Commons
Paul Patrick, B.S. ................................................................. Director, Institutional Research
Rick Powell, M.S. ................................................................. Director of Human Resources
Lori Smith, B.S. ................................................................. Program Representative, Adult Studies
Laureen Springer, M.S.M. ......................................................... Director, Information Technology
Dorothy Stasser, Ed.D. ............................................................. Director, Testing Center
Steve Stearman, M.S. ............................................................. Director of Admissions & Marketing, Adult Studies
Kendra Thomson, B.S. ............................................................. Director of Community Life
Francine Vitamvas, M.S.M. ........................................................ Program Representative, Adult Studies
Phil White, M.S. ................................................................. Comptroller
Carol Wight, M.A. ............................................................... Director, Communications & Marketing, University Advancement
Ron Wilson B.S. ................................................................. Director of Housing/Residence Life

Administrative Support
Kitty Adams, A.B. ................................................................. Testing Center Manager
Dana Adudell ................................................................. Administrative Assistant, School of Education/M.A.E.L.
Mary Archer ................................................................. Payroll & Personnel Assistant
Pat Buck ................................................................. Administrative Assistant/Housing
Carol DeLong ................................................................. Administrative Assistant, Graduate & Adult Studies
Chichi Freelander ............................................................... Help Desk Coordinator
Geoffrey Freelander, B.S. ........................................................ Network Administrator
Julie Hall ................................................................. Administrative Assistant, School of Education/M.A.E.L.
Sonja Hall ................................................................. Administrative Assistant, School of Education, Teacher Education
Teresa Hawkkinson ............................................................. Admissions Counselor, Graduate Psychology
Sue Hendren, B.S. ............................................................. Cashier Office Supervisor

Administrative Offices
David Alexander, Ed.D. ................................................................. Vice-President for University Advancement
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Selden Dee Kelley III, Ph.D. .......................................................... Vice-President for Spiritual Development
Terry N. Toler, Ed.D. ................................................................. Vice President for Church Relations
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Ginger Othier, B.A. ........................................... Administrative Assistant, APL & Record Mgmt., Adult Studies
Margaret Rohlmeier ................................... Assistant Director, Financial Asst., Adult Studies
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R.T. Williams Learning Resources Center
Jan Reinbold, M.L.Sc., M.A. ........................................... Director
Joshua Achipa, M.L.Sc., M.R.E. ................................. Reference/Bibliographic Instruction Coordinator
Angela Cape ................................................................................................ Periodicals
Keith Olszewski, B.S. ........................................ Media Operation & Services Coordinator
Joy Pauley, M.L.Sc. .................................................. Technical Services Coordinator
Marian Porter, M.S. ................................................ Interlibrary Loan/Off-Campus Services Supervisor
Linda Sharp ................................................................................................ Administrative Assistant

Physical Plant/ Maintenance
Don Hendren .......................................................... Director
Pansie Manners .......................................................... Office Manager

Residence Directors
Jim Knight, B.S ......................................................... Bracken Hall
Joey Keefer, B.S ...................................................... Snowbarger Hall
Heather Nunnery, M.A. ........................................ Hatley Hall
Julie Stiegelmeier, A.B. ........................................ Garey Hall

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Vice President for Student Development
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SELDEN DEE KELLEY III, Ph.D.
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TERRY N. TOLER, Ed.D.
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Faculty

Professors

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BEAVER, W. JOY, Ed.D.
*Director of Early Childhood, Director of the University Laboratory School; Professor of Education*
Graduate study, Oklahoma State University, 1955; Oklahoma City University, 1965;
Graduate study, University of Oklahoma, 1970-76, 1979-84. Ed.D., University of
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*Dean of Graduate & Adult Studies; Professor*
B.S., Washington University, 1973; M.S., Case Western Reserve University, 1977;
M.B.A., Kent State University, 1983; Ph.D., Michigan State University, 2002.
Management and marketing positions in equipment manufacturing, 1980-92; Associate
Professor of Marketing, Dean of Adult and Continuing Studies, Dean of Professional
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1969-94; Academic Dean, Seminario Nazareno Mexicano, Mexico City, 1987-89; Ph.D.,
Boston College, 1990. Southern Nazarene University, 1994-.

BUDD, PHILIP R., Psy.D.
*Director, Graduate Programs in Counseling, Professor*
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Nazarene Theological Seminary, 1972; M.A., Vanderbilt University, 1979; Ph.D.,
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Pastor, Christian Church, 1971-72; Pastor, Church of the Nazarene, 1974-75; Trevecca
Nazarene College, 1972-88; Academic Dean, Swaziland Nazarene Bible College, 1988-
90; Rector, Nazarene Theological College, South Africa, 1991-94. Southern Nazarene
University, 1995-.

COX, DARYL G., Ph.D.
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1981-1997. Southern Nazarene University, 1997-.
CULBERTSON, HOWARD R., D.Min.  
*Garner Chair of Missions; Professor of Missions*  
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Seminary, 1982; D.Min., Denver Seminary, 1986; Pastor, Uvalde, TX, 1972-74;  
Missionary to Italy, 1974-84; Missionary to Haiti, 1984-88. Southern Nazarene  
University, 1988-.  

DE VRIES, BEVERLY, Ed.D.  
*Professor of Education*  
B.A., Northwestern College, 1968; M.A., Western Michigan University, 1980; Ed.D.,  
Oklahoma State University, 1992; Teacher, Public Schools, 1968-89; Oklahoma State  
University and University of Central Oklahoma, 1992-93. Southern Nazarene University,  
1993-.  

FERGUSON, ANNA P., R.N., Ph.D.  
*Chair, School of Nursing; Professor of Nursing*  
Diploma, Hillcrest Medical Center School of Nursing, 1956; B.S., Washington University,  
1959; M.S., The University of Texas at Austin, 1973; Ph.D., Texas Woman’s University,  
1986; University of Oklahoma, 1977-88; King Faisal Specialist Hospital and Research  
Center, Riyadh, KSA, 1988-90; Oklahoma Board of Nursing, 1991-98; University of  
Central Oklahoma, 1998-99. Southern Nazarene University, 2000-.  

GADDIS, RICHARD W., Ed.D.  
*Graduate Studies in Management/Tulsa Program Director; Professor of Management*  
B.A., Northeastern Oklahoma State University, 1966; M.Ed., Northeastern Oklahoma  
State University, 1971; Ed.S., University of Arkansas, 1982; Ed.D., University of  
Arkansas, 1988; Teacher, High Schools, 1960-86; State University of New York 1988-  
90; Lamar University 1990-92. Southern Nazarene University, 1992-.  

GOODMAN, SYLVIA, Ed.D., AT,C  
*Athletic Training Program Director; Professor of Kinesiology & Sport Management*  
B.S., Taylor University, 1979; M.A., Miami University, 1980; Ed.D., Boston University,  
1989. Teacher/Athletic Trainer, Kettering, OH Public Schools, 1980-18; Professor,  

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Seminary; Associate Pastor, Church of the Nazarene, 1975-78; Pastor, Church of the  
Nazarene, 1978-98; Adjunct Professor of Preaching, Nazarene Theological Seminary,  
1989-. Southern Nazarene University, 1998-.  

HACKLER, GWEN LADD, Ph.D.  
*Director of General Education; Professor of English*  
B.A., Bethany Nazarene College, 1978; Graduate Teaching Assistant, University of  
Kansas, 1979-81, 1982-83; M.A., University of Kansas, 1980; Ph.D., University of  
Kansas, 1983. Southern Nazarene University, 1983-.  

HANSON, WESLEY H., Ph.D.  
*Chair, Department of Biology; Professor of Biology and Chemistry*  
A.B. Bemidji State College, 1968; Ph.D. University of North Dakota, 1972; Post  
Doctoral Studies, Madison VA Hospital/University of Wisconsin, 1972-74; Post Doctoral  
Studies, Human Nutrition Laboratory, ND, 1974-75; Northwest Nazarene College, 1975-  
78; 80-82; University of Science and Technology Medical School, Ghana, 1982-86; John  
Brown University, 1986-99. Southern Nazarene University 1999-.
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**OL Program Director, Adult Studies (Main Campus); Professor**
A.B., Southern Nazarene University, 1977; M.A., Southern Nazarene University, 1980; Ed.D., Oklahoma State University, 1996; Teacher, Putnam City Schools, 1977-79; Professor of Speech Communication and Director of Forensics, Northwest Nazarene College, 1979-1983. Southern Nazarene University, 1988-.

KEOPPEL, KENNETH (Kep), Ph.D.
**Professor of Education**

LIVELY, ROBERT JOHN, Ph.D.
**Chair, Division of Social and Behavioral Sciences; Professor of History**

LIVELY, SUE ANNE, Ed.D.
**Director, Alternative and Prior Learning; Professor**

MILLS, LARRY W., Ph.D., C.M.A.
**Professor of Management**

MINER, LINDA A., Ph.D.
**Director, OL & FSG Programs (Tulsa Center); Professor**

MOORE, PHILIP A., D.M.A.
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MOSS, CRAYTON L., Ed.D.
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B.A., Mid-America Nazarene College, 1976; M.S., Central Missouri State University, 1977; Ed.D., University of Kansas, 1984. Teacher, Olathe School District, 1976-78; Mid-America Nazarene College, 1978-80; Professor, Northwest Nazarene College, 1980-86; Associate Professor, Bowling Green State University, 1986-94. Southern Nazarene University, 1994-.
MUTHALALY, A. KOSHY, Ph.D.
Professor of Adult Studies
B.A. (Hons), Bangalore University, India, 1970; B.D., Union Biblical Seminary, Maharashtra, India, 1973; M.Th., United Theological College (Serampore University), 1980; Ph.D., Southern Baptist Theological Seminary, 1987. TAFTEE, Bangalore, India, 1973-74; Pastor, Visakhapatnam, 1974-78; Chaplain, Bangalore Baptist Hospital, 1980-81; United Theological College, 1981-91; (Study leave: Aug. 84-Dec. 87) Pastor, Asian Indian Mission, Utica, Michigan, 1992-93; Ashland Theological Seminary, 1998-99; Wayne State University, 1996; William Tyndale College, 1996-97; Spring Arbor College, Michigan, 1994-99; Pastor, Missionary Baptist Church, Tecumseh, Michigan, 1993-99. Southern Nazarene University, 1999-.

NEUENSCHWANDER, DWIGHT E., Ph.D.
Chair, Department of Physics; Professor of Physics
B.S., University of Southern Colorado, 1976; Ph.D., Arizona State University, 1983. Visiting Assistant Professor, Arizona State University, 1983-85; Assistant Professor, Northern Michigan University, 1985-86; Manager, Education Division, American Institute of Physics, 1995-97; Director, Society of Physics Students, AIP, 1995-98; Coach and Academic Director, United States Physics Team (for the International Physics Olympiad), 1995-98; Editor, SPS-Sigma Pi Sigma Publications, AIP, 1998-. Southern Nazarene University, 1986-.

POTEET, MARGARET (PEGGY), Ph.D.
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REIGHARD, MARK, D.M.A.
Professor of Music

REINBOLD, PAUL E., Ph.D.
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A.B., Olivet Nazarene College, 1965; M.S., Purdue University, 1968; Ph.D., Texas A & M University, 1970; Post doctoral studies, Texas A & M University, 1969-70. Southern Nazarene University, 1970-.

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A.B., Bethany Nazarene College, 1974; Robert A. Taft Scholar, 1974; M.A., Bethany Nazarene College, 1977; Graduate study, The University of London, 1978; Ed.D., Oklahoma State University, 1981; J.D., University of Oklahoma College of Law, 1991; Southern Nazarene University, 1976-93; Adjunct Faculty 1993-1999. Southern Nazarene University, 1999-.

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PERSONNEL

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WATERMAN, CAROLYN, M.A.
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A.B., Northwest Nazarene College, 1974; Nazarene Theological Seminary, 1974-76; M.A., University of Missouri-Kansas City, 1979. Graduate studies, Central State University, 1981, University of Oklahoma, 1982. Southern Nazarene University, 1979-.

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A.A.T., El Reno Junior College, 1986; B.S.N., University of Oklahoma Health Sciences Center, 1993; M.S., University of Oklahoma HSC, 1996. Staff nurse Baptist Medical Center, 1987-93; Adjunct Faculty Redlands Community College, 1993; Nursing Faculty, Bartlesville Wesleyan College, 1994-96; Director of Nursing, DeMarge College, 1996-1997. Southern Nazarene University, 1997-.

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Assistant Professor of Nursing
Diploma, Somerset Hospital School of Nursing, 1968; B.S.N., University of Texas, Tyler, Texas, 1993; M.S. in Nursing, University of Oklahoma HSC, 1998; Staff Nurse, Clara Maass Memorial Hospital, Belleville, N.J., 1968-70; Office Nurse, Central Berks Medical Center, Leesport, PA, 1983-86; School Nurse, Chapel Hill Independent School District, Tyler, TX, 1987-95; College Nurse, University of Central Oklahoma, 1995-97; Director, SNU Student Health, 1997-98. Southern Nazarene University, 1997-.

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Assistant Professor of Theology/Church History
A.B., Southern Nazarene University, 1991; M.A. Southern Nazarene University, 1993; M.Div. Nazarene Theological Seminary, 1995; M.Th. Catholic University of Louvain, 1999; PhD./S.T.D., Catholic University of Louvain, Belgium, 2003; Lecturer in Theology, Church History and Biblical Studies, Africa Nazarene University, 2000-2003. Southern Nazarene University 2003-.

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B.S., Medical Technology, 1974; B.S., Nursing, Southern Nazarene University, 1991; M.S.N., University of Texas at Tyler, 1997; Ed.D. studies, Nova Southeastern University, Florida, 2001-; Staff nursing positions in Oklahoma and Texas 1991-94; Assistant Professor of Nursing, Kilgore College, TX, 1995-99; Southwestern Adventist University, TX, 1999-2003. Southern Nazarene University, 2003-.

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B.M., Oklahoma City University, 1969; M.A., Oklahoma City University, 1971; Instructor of Voice, Oklahoma City University and private studio; Guest soloist at Inspiration Point, Oklahoma City Symphony; Soloist in opera, oratorio and churches; Adjunct faculty, Southern Nazarene University, 1977-1994. Southern Nazarene University, 1994-.

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B.S., Bethany Nazarene College, 1983; M.A., Northeastern State University, 1995; Reading Specialist Certification, Northeastern State University, 1996; Course work for Ed.D., Oklahoma State University, 1997-. Research Child Development Center, Kansas City, MO 1982-84; Substitute Teacher, Union and Broken Arrow Public Schools, 1991-94; Elementary Teacher, Broken Arrow Public Schools, 1994-1997; Reading Specialist, Broken Arrow Public Schools, 1997-2000. Southern Nazarene University, 2000-

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Assistant Professor of Nursing
B.S., Pittsburg State University, 1987; M.S., University of Kansas, 1994; Staff Nursing positions in Oklahoma, Missouri and Kansas, 1987-2002; Director of Nursing, Arolyn Heights Adult Care Center, Chanute, Kansas, 1991-1992; Graduate Teaching Assistant, University of Kansas, 1992-1993; Adjunct Nursing Faculty, Mid America Nazarene College, 1993-1995; Mobile Immunization Coordinator, Swope Parkway Health Center, Kansas City, Missouri, 1994-1995. Southern Nazarene University, 1995-

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B.A., University of Oklahoma, 1992; M.S., Southern Nazarene University, 1996; Ph.D. in Clinical Child Psychology, University of Kansas, 2002. Multi-systemic Therapy Director, The Bert Nash Mental Health Center, 2001-02. Southern Nazarene University, 2003-

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PERSONNEL

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B.S., Bethany Nazarene College, 1984; M.A., Southern Nazarene University, 1988; Southern Nazarene University, Resident Director, 1985-1989; Director of Community Life, 1989-1991; Director of Academic Services, 1991-1994; Director Of Housing, 1994-2001; Oklahoma City First Church of the Nazarene, Director of Single Adult Ministries, 1993-1998; SNU Adjunct Instructor, Speech Communication, 1998-2001; Southern Nazarene University, 2001-.

LEWIS, MELISSA, D.M.A.
Assistant Professor of Music
B.S., Southern Nazarene University, 1993; M.M., University of Cincinnati College-Conservatory of Music, 1995; D.M.A., University of Cincinnati College-Conservatory of Music, 1998; Adjunct Professor of Music, Wright State University, 1997-98; Violist, University of Cincinnati College-Conservatory of Music Philharmonic Orchestra, 1993-95; Principal violist, Northern Kentucky Symphony, Wright State University Chamber Orchestra, 1994-98. Southern Nazarene University, 1999-.

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B.A., Northwest Nazarene College, 1992; M.A., Point Loma Nazarene College, 1994; M.A., Southern Nazarene University, 1995; Ph.D. (candidate), Iliff School of Theology and University of Denver, 1995-; Associate Pastor, Church of the Nazarene, 1995-98. Southern Nazarene University, 1998-.

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B.Mus.Ed., Oklahoma Baptist University, 1994; M.M., Choral Conducting, University of Oklahoma, 1995; Director of Choral Activities, Chair of Music, Kansas Wesleyan University, 1995-99. Southern Nazarene University, 1999-.

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B.A., Northwest Nazarene College, 1989; M.Div, Nazarene Theological Seminary, 1994; M.A., University of Oklahoma, 1996; Ph.D., University of Oklahoma, 2002; University Campus Ministries, 1994-96. Southern Nazarene University, 1996-.

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Instructor of Kinesiology & Sport Management; Head Men's JV Basketball Coach
B.S., Southern Nazarene University, 1994; M.S., Southern Nazarene University, 1995; Jarvis Christian College, 1997-99; 21st Century Site Coordinator, Oklahoma City Public Schools, 1999-2000. Southern Nazarene University, 2000-.

Instructional Support Staff

Adult Studies Program

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B.S., Abilene Christian University, 1977; M.S., Abilene Christian University, 1980; M.A., Central State University, 1988; Ph.D., University of Oklahoma, 1991; Youth Minister, 1978-92; Youth/Family Minister, 1982-90; Counselor, 1990-91; Marriage and Family Development Center, 1990-91; Licensed Psychologist, 1991-. Southern Nazarene University, 1992-.

School of Business

MERCER, RON, B.S.

Adjunct Faculty
B.S., Bethany Nazarene College, 1970; P.M.D., Harvard Graduate School of Business, 1975. Senior Management Level Xerox Corporation 26 years. Southern Nazarene University, 1987-.

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Adjunct Faculty
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Marketing/Management, Adjunct Faculty
A.B., Seminole Junior College, 1985; B.S. Southern Nazarene University, 1987; M.B.A., The University of Tulsa, 1989; Doctoral program, NOVA University, 1998-; Residence Director, The University of Tulsa, 1987-90. Southern Nazarene University, 1990-.

SHEEHY, TODD, B.S., M.B.A., CFI

Aviation-Business; Adjunct Faculty
B.S., Southern Nazarene University, 1986; M.B.A., Southern Nazarene University, 2000; Fighter Pilot, U.S. Air Force, 1987-93; President, Main Street Homes Real Estate Company, 1993. Southern Nazarene University, 1994-.

Computing & Information Systems

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Department Coordinator, Instructor
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STOKES, DE LANA, M.S.

Adjunct Faculty
PERSONNEL

English

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History, Politics, & Geography

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HUGHES, Tina, J.D.
Adjunct Faculty
A.B., Southern Nazarene University, 1978; M.A., Southern Nazarene University, 1979; J.D., Oklahoma City University School of Law, 1990. Oklahoma City public schools high school teacher, 1979-87; Assistant Municipal Counselor for City of Oklahoma City, 1990-. Southern Nazarene University, 1992-.

Kinesiology & Sport Management

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Athletic Training; Orthopedic Surgeon; Associate Faculty
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B.S., Oklahoma State University, 1992; Teacher, Physical Education, Putnam City Schools, 1992; Teacher, Care & Prevention, St. Gregory, 2000. Southern Nazarene University, 2000-.

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Athletic Training; Orthopedic Surgeon; Associate Faculty
B.S., University of Oklahoma, 1980; M.D., University of Oklahoma, 1984; Southern Nazarene University, 1999-.
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B.S. Southwestern Oklahoma State University, 1991; M.E., University of Central Oklahoma, 1994; Edward’s Clinic of Chiropractic, 1994-96; Oklahoma Panhandle State University, 1996-97; Oklahoma City Clinic, 1997-98; St. Anthony North Physical Therapy Clinic, 1998-2000. Southern Nazarene University, 2000-.

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Modern Languages
JOHNSON, FRANK, D.Min.
Spanish, Adjunct Faculty
B.A., Oklahoma Baptist University, 1972; M.Div., Boston University, 1981; MBA, Boston University, 1982; D.Min., Southwestern Baptist Theological Seminary, 1993; American Translator Association accreditation for Spanish into English Translation, 2001; Spanish Instructor, Oklahoma State University, OKC, 2002-; Southern Nazarene University, 2001-.

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Spanish, French, Adjunct Faculty

Music
MAREK, TIM, M.Mus.
Organ, Adjunct Faculty

MUNDAY, DON, B.M.E.
Jazz Band, Adjunct Faculty
B.E., Central State University, 1983. Southern Nazarene University, 2002-.

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Piano and Theory, Adjunct Faculty
B.S., Southern Nazarene University, 1998; M.M., Piano Performance, University of Colorado, 2000. Southern Nazarene University, 2001-.

RUSHING, Densi, B.Mus.
Strings, Adjunct Faculty
B.Mus., Southern Nazarene University, 1980; Violin, Oklahoma City Philharmonic; Strings Instructor, Putnam City Schools; Southern Nazarene University, 1996-.

STREETS, BARBARA, Ph.D.
Voice, Adjunct Faculty
B.M.E., University of Oklahoma, 1982; M.Mus., University of Oklahoma, 1986; Ph.D., University of Oklahoma, 2002. Southern Nazarene University, 1996-.

WALKER, K. DEAN, M.M.E.
Percussion, Percussion Ensemble, Adjunct Faculty
B.M., Oklahoma City University, 1961; M.M.E., University of Central Oklahoma, 1980. Southern Nazarene University, 1999-.
PERSONNEL

Nursing
LAWSON, SUSAN, M.S., RN
Adjoint Faculty
B.S., Texas Christian University, 1972; M.S., University of Oklahoma, 1986. Staff Nurse, 1973-1979; Nursing Administration/Education, Deaconess Hospital, 1979-1989; Administrative Staff: Quality Assurance and Staff Development Director, The Children's Center, 1990-. Southern Nazarene University, 1992-.

MOFFETT, SULINDA, R.N., M.S.M., M.Ed.
Adjoint Faculty
B.S.N., Texas Christian University, 1962; M.Ed., 1972; M.S., West Texas State University, 1983; University of Central Oklahoma, 1972-77; Corpus Christi University, 1977-79; Texas Department of Human Resources, 1979-82; Oklahoma Board of Nursing, 1983-99. Southern Nazarene University, 2000-.

O’NEIL, LAURA, R.N., M.S., CNRN
Adjoint Faculty
B.S.N., University of Oklahoma, 1977; M.S., University of Oklahoma, 1998; Staff Nurse, 1977-79; Assistant Head Nurse, St. Anthony Hospital, 1979-81; Neurosurgical Nurse Clinician, University of Oklahoma College of Medicine, 1981-94. Southern Nazarene University, 1999-.

SEVERNS, ALISON, M.S., R.N.
Adjoint Faculty

Speech Communication
GERING, LAURA, M.A.
Adjoint Faculty
A.B., Bethany Nazarene College, 1978; M.A., Southern Nazarene University, 1987; High school teacher, Mustang and Bethany Public Schools, four years; Southern Nazarene University, 1992-.

Theology and Ministry
DANIELS, T. SCOTT, Ph.D.
Adjoint Faculty
B.A., Northwest Nazarene College, 1988; M.Div., Fuller Theological Seminary, 1992; Ph.D., Fuller Theological Seminary. 2000. Lecturer, Azusa Pacific University 1994-96; Teaching/Research Assistant, Fuller Theological Seminary, 1993-96; Southern Nazarene University, 1996-2002; Adjunct Faculty SNU, 2002-.

MIDDENDORF, JONATHAN, C., M.A.
Adjoint Faculty
B.A., Southern Nazarene University, 1990; M.A., Southern Nazarene University, 1997; Associate Pastor, Church of the Nazarene, 1990-; Southern Nazarene University, 2000-.
Retired Faculty
BEAVER, W. DON, Ph.D. (1948-1991)
Emeritus Vice-President for Academic Affairs, 1991-.

Emeritus Associate Professor of Business, 2002-

Emerita Associate Professor of Nursing, 1995-.

DUNN, ESTER, D.Lit. (1941-1978)
Emeritus Professor of Voice, 1978-.

Emerita Assistant Professor of Piano, 1978-.

Emeritus Professor of Biology, 2003-.

Emerita Associate Professor of Library Science, 1996-.

FLINNER, LYLE P., Ph.D. (1968-1986)
Emeritus Professor of Religion, 1986-.

Emerita Assistant Professor of Nursing, 1996-.

Emeritus Professor of Religion, 1982-.

Emeritus Associate Professor of Philosophy and Missions, 1997-.

HEASLEY, GENE, Ph.D. (1960-1999)
Emeritus Professor of Chemistry, 1999-.

Emerita Professor of Modern Languages, 1986-.

JUDD, ROBERT, Ph.D. (1968-1998)
Emeritus Professor of Biology; 1998-.

LADD, FORREST E., Ph.D. (1955-1995)
Emeritus Professor of Psychology, 1995-.

Emerita Professor of English, 1980-.

MURROW, NILA WEST, M.T. (1968-1998)
Emerita Associate Professor of Art, 1998-.

MURROW, WAYNE L., Ph.D. (1968-2002)
Emeritus Dean of Graduate & Adult Studies; Professor of Education and Speech Communication. 2002-.

Emeritus Professor of Business/Education, 1991-.
Emerita Associate Professor of Library Science, 1995-.

Emerita Professor of Sociology; 1998-.

Emerita Professor of Health & Human Performance, 1994-.

ROSFELD, JOHN E., M.Mus. (1971-2001)
Emeritus Associate Professor of Music, 2001-.

SHELDON (Merriman), DOROTHY A., A.M. (1953-1972)
Emerita Associate Professor of Education, 1972-.

Emeritus Professor of Business, 1989-.

Emeritus Professor of Management, 1997-.

Emeritus Assistant Professor of Secretarial Science, 1979-.

SNOWBARGER, VERNON A., Ph.D. (1940-1982)
Emeritus Professor of Sociology, 1982-.

Emeritus Professor of Sociology, 1993-.

Emerita Associate Professor of Nursing, 1993-.

WESTMORELAND, ELEANOR, M.S. (1970-1979)
Retired Associate Professor of Library Science, 1979-.

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CAMPUS MAP
TULSA CAMPUS MAP