President's Welcome

Dear Visitor:

I hope you were prompted to contact this source of information about SOUTHERN NAZARENE UNIVERSITY because you are interested in a better life for you and your family, present and future. Also, I trust you want to make your life productive in ways that will address the critical issues of our day.

If these assumptions are yours, you will find in this e-catalog resources that will help you assess whether SNU is a place where you can fulfill your goals. The academic offerings, the spiritual development opportunities, the leadership cultivation options, and the social interaction potential are all laid out for you in these pages.

With the rich history and experience learned since 1899, SNU is committed to bringing out the God given potential that lies within you. From the classroom to the residential life to the active cocurricular life, SNU provides a place pregnant with possibilities. This is a place of learning that has been sustained and blessed by God through economic depression, wars, natural disasters and other crises. It is a good place with faculty and staff who are committed to becoming your partner in pursuit of knowledge and understanding.

St. Augustine said long ago, "The world is a book and those who do not travel read only one page." This statement made over 1,500 years ago is much truer today in a shrinking world. With study opportunities around the world, let me invite you to be a part of the SNU community – then to step out to experience the world. You will find experienced fellow travelers here who will join you in the journey to your future. May God guide you as you make this important and potentially life-changing decision.

Sincerely,

Loren Gresham, Ph.D.
President, Southern Nazarene University

Disclaimer

This on-line catalog is for informational purposes for the general public. The official SNU catalog is housed in the Office of Academic Affairs (Bresee 200). It is intended that the program and graduation requirements and policies contained in this catalog will remain in force during the period for which it is issued (July 1, 2007 - June 30, 2008).

Program and graduation requirement changes and changes in policies will be implemented annually on July 1; however, SNU reserves the right to make whatever changes in curricula
and policies necessary when it is appropriate. Changes implemented before a revision of the catalog is published online are recorded and housed in the Office of Academic Affairs and are considered part of the official Southern Nazarene University catalog.

Course offerings at SNU are based on demand and enrollment. Courses offered may be changed without prior notice. The course descriptions listed in this catalog are generated from a live database and are current. These course listings are not static and will change as courses are updated, initiated, or discontinued.

**Nondiscrimination**

Southern Nazarene University policy prohibits discrimination on the basis of race, sex, religion, age, color, creed, national or ethnic origin, marital status, or disability in the recruitment and admission of students and in the operation of all university programs, activities, and services. Any concerns regarding discrimination on the basis of sex or disability should be addressed to the Office of Academic Affairs, Bresee Hall 200 and the university coordinator of Section 504 of the Rehabilitation Act of 1973 and Title IX.

**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. SNU 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 SNU records.
How to Use This Catalog

Introduction

If you are online and looking at this catalog, you obviously have some knowledge of using the Internet (e.g. links, browsing). However, because each Web site is different and navigation can be confusing we wanted to give you some help with finding your way through our catalog.

The best way to view this catalog is using Internet Explorer. We cannot guarantee the results of viewing this catalog through other browsers (e.g. Firefox).

The default view of the catalog is the current catalog. However, if you wish to see another catalog year, you can change the "Current Year" in the drop-down box at the top left-hand side of this page.

Using the Menu

You will notice on the left side of this page a list of links. This list is the main menu for the catalog and is, in essence, a Table of Contents. An arrow next to a main menu item indicates there is a submenu of related items listed below the main topic. To see the submenu, you will simply click on the main menu item to open the next layer of the menu.

Pages Not Listed in the Menu

There are some pages of the catalog not found in the main menu. These pages are linked within the other catalog pages. You will know you are on a page not connected to the main menu because you will not see the menu in the left-hand column. These pages will open in a new window. Simply close the new window to go back to the main menu.

Programs/Course Descriptions

Information about our areas of study (Academic Programs) contains only the information about the major or minor. In addition to the information listed in those pages will be General Education requirements. "Total Program Credits" simply refers to the credits for the major, not the total credits needed to graduate.

Course descriptions for areas of study can be found at the link at the bottom of the main menu. However, you can also see descriptions of courses throughout the catalog as you explore the various academic programs. The alpha prefixes of the course descriptions (e.g. ACC, ENGL) look like links. If you click on these prefixes, the course description will pop up in what looks like a comic strip dialogue bubble. Simply click the “X” to close the course description pop-up window.

Links to Other Web Sites

Any links that direct the user away from the SNU Academic Catalog or the SNU main Web site to other Web sites are not the responsibility of SNU. We have provided these links as a convenience for our users, but we do not have control over the content. If connections to the sites are not
working, please feel free to contact the catalog coordinator at catalog@snu.edu.
Our Academic Structure at SNU

**Academic Administrators**

Loren P. Gresham, Ph.D., University President  
A. Patrick Allen, Ph.D., University Provost  
Martha L. Banz, Ph.D., Vice Provost and Dean, Undergraduate College  
Davis Berryman, Ph.D., Vice Provost and Dean, College of Professional and Graduate Studies  
Gwen Ladd Hackler, Ph.D., Vice Provost and Dean for Academic Administration

**Colleges, Divisions, Departments and Schools**

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

**Undergraduate College**

**Division of Cultural and Communication Studies**  
*Departments:*  
Art and Design  
English  
Modern Languages  
Speech Communication

**Division of Science and Mathematics**  
*Departments:*  
Biology  
Chemistry  
Computer Science / Network Engineering  
Kinesiology  
Mathematics  
Physics

**Division of Social and Behavioral Sciences**  
*Departments:*  
History, Politics, and Geography  
Psychology  
Sociology

**Undergraduate Schools**  
School of Business  
School of Education  
School of Music  
School of Nursing
School of Theology and Ministry

College of Professional and Graduate Studies

School of Professional Studies
School of Graduate Studies
SNU Locations

Southern Nazarene University main campus 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, and a classroom site in Del City, Oklahoma.

<table>
<thead>
<tr>
<th>SNU Main Campus</th>
<th>SNU Tulsa Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>6729 N.W. 39th Expressway</td>
<td>10159 E. 11th, Suite 200</td>
</tr>
<tr>
<td>Bethany, OK 73008</td>
<td>Tulsa, OK 74128</td>
</tr>
<tr>
<td>(405) 789-6400</td>
<td>(918) 664-4100</td>
</tr>
</tbody>
</table>

Click [HERE](#) for a map to both locations.
Our Main Campus Facilities at SNU

Click here for a virtual tour of the campus and a view of the facilities listed below.

Bresee Hall is an SNU landmark. Originally built in 1918, it was added on to in 1941 and renovated in 1993. SNU'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.

Cantrell Music Hall, which was built in 1934 and 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 Music, 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 Departments of English, Modern Languages, and Speech Communication, 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.

The Life Counseling Center, acquired and extensively remodeled in 2004, is a ministry of Southern Nazarene University's graduate programs in counseling. Graduates and faculty of the graduate programs in counseling, serve SNU students and the Greater Northwest Oklahoma City community through providing quality counseling services at affordable fees.

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

The Marchant Family Alumni and Welcome Center, completed in 2005 and dedicated in November of 2005, serves as SNU's front door, welcoming returning alumni and prospective students and their families. Housing the Office of Alumni Relations and the Office of Admissions, the Marchant Center also features displays from the Fred Floyd Archives in its Moore Heritage Hall and additional SNU statuary in Showalter Heritage Garden.

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 College of Graduate and Professional Studies.

The R. T. Williams Learning Resources Center houses the SNU library, 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 SNU's Website, and interlibrary loan service provides access to millions of books and periodicals throughout the nation. 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 Sawyer Center, a 98,000 square foot, multimillion dollar, state-of-the-art facility is the 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, dinners, 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 classrooms, laboratories, and offices for the Departments of Biology, Chemistry, Computer Science / Network Engineering, Mathematics, Physics, History, Politics and Geography, 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.

The Webster Commons houses a variety of student services, including the Sodexho dining hall, the Storm Cellar cafe, Pop's Lounge, conference rooms, University Store, the Student Health Services, Student Government Association offices, the Echo and Arrow offices, the Office of Spiritual Development, and the Office of Student Development (including Community Life, Counseling, Career Center, and Housing).
**Our Defining Values at SNU**

**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, SNU is the church at work in higher education integrating faith, learning, and life.

**Purpose**

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 SNU 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 cocurricular 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 SNU.

**Motto**

SNU’s 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.
Our Focus at SNU

A Focus on 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 members 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 SNU 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.

A Focus on 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.

SNU is known for its challenging academic programs and the quality of its graduates. At the same time, SNU does not deny admission on the basis of academic ability. The student body is comprised of people with the full range of academic talent and preparation from the highly gifted to those who are struggling for academic success. In this way, SNU becomes a microcosm of the body of Christ where living in Christian community becomes a reality.

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.
Likewise, graduates from SNU's preprofessional 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 introductory level and upper division 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.

**Our 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.
Our Accreditations and Recognitions at SNU

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 of Arts degree programs in Theology, Teacher Education, Educational Leadership, and Marriage and Family Therapy; Master of Business Administration; and Master of Science in Management and in Counseling Psychology.

- 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.

- accredited by the Commission on Accreditation of Athletic Training 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.
Our Heritage at SNU

Institutional Merger History

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.

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 Office of the Registrar at Southern Nazarene University.

Peniel College - founded 1899, Peniel, Texas (merged 1920)
Arkansas Holiness College - founded 1900, Vilonia, Arkansas (merged 1931)
Bresee College - founded 1905, Hutchinson, Kansas (merged 1940)
Beulah Heights College - founded 1906, Oklahoma City, Oklahoma (merged 1909)
Oklahoma Holiness College - founded 1909, Bethany, Oklahoma (merged 1920)
Central Nazarene University - founded 1910, Hamlin, Texas (merged 1929)

Institutional Presidents

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 Finch, 1944-1947
Roy H. Cantrell, 1947-72
Stephen W. Nease, 1972-76
John A. Knight, 1976-85
Ponder W. Gilliland, 1985-89
Loren P. Gresham, 1989-
# 2007-2008 SNU Academic Calendar

**Click Here** for the 2008-2009 Calendar

Calendar is tentative and subject to change.

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<th><strong>2008</strong></th>
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</tr>
<tr>
<td>Faculty Convocation (Th.)</td>
<td>Jan. 17</td>
</tr>
<tr>
<td>New Student Orientation</td>
<td>Jan. 20-22</td>
</tr>
<tr>
<td>Registration</td>
<td>Jan. 21-22</td>
</tr>
<tr>
<td>Classes Begin (Tues.)</td>
<td>Jan. 22</td>
</tr>
<tr>
<td>Last day to enroll <em>(no late fee)</em></td>
<td>Jan. 22</td>
</tr>
<tr>
<td>Last day for new enroll/adds</td>
<td>Jan. 29</td>
</tr>
<tr>
<td>Spring Break</td>
<td>Mar. 17-21</td>
</tr>
<tr>
<td>Good Friday Holiday (no classes; campus closed p.m.)</td>
<td>Mar. 21</td>
</tr>
<tr>
<td>Easter Holiday (no classes except Mon. only classes)</td>
<td>Mar. 24</td>
</tr>
<tr>
<td>Board of Trustees</td>
<td>May 15-16</td>
</tr>
<tr>
<td>Spring Semester Exams (Mon.-Th.)</td>
<td>May 12-15</td>
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<td>Semester Ends (Th.)</td>
<td>May 15</td>
</tr>
<tr>
<td>Undergraduate College Commencement (Sat.)</td>
<td>May 17 - 10 a.m.</td>
</tr>
<tr>
<td>College of Professional and Graduate Studies Commencement (Sat.)</td>
<td>May 17 - 2 p.m.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>MINI / SUMMER TERMS</strong></th>
<th><strong>2008</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>May Miniterm</td>
<td>May 19-30</td>
</tr>
<tr>
<td>Summer Session</td>
<td>June 2-27</td>
</tr>
</tbody>
</table>

[Current term course schedule](#)
Admission into SNU

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 this institution and has the necessary educational background to do satisfactory work. Permission to enroll at SNU is a privilege and carries with it certain responsibilities. SNU reserves the right to cancel enrollment or require withdrawal if the student does not conform to the established standards of scholarship and conduct.

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 Office of Academic Affairs. Any such adjustment must also fulfill the purpose of the stated curriculum and be in harmony with generally accepted educational practice.

Quick Links

Full Admission
Transfer Admission
Admission with Advanced Standing
Corrspondence Credit
Early Admission
International Students
Veteran Admission
Provisional Admission
Full Admission

Admission to SNU is based on several factors. Most importantly, the applicant is expected to indicate agreement with the standards of SNU. 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 and high school GPA in college preparatory courses. Full admission to SNU requires the student to have an ACT composite score of 19 or above. Those with an ACT composite score of 18 will be fully admitted only if they have no grades lower than "B" in designated college preparatory courses. For SAT test score equivalencies, please contact the SNU Office of the Registrar.
Transfer Admission

Students who have earned college or university credit from another regionally accredited institution are considered transfer students. The following information indicates requirements for several types of transfer students. Transcripts of transfer students who do not fall into the categories listed below will be evaluated by the Office of the Registrar and the Office of Academic Affairs on an individual basis to determine admission status.

**Full Admission**

**Provisional Admission**

**Nondegree-Seeking**

**Bible College**
Provisional Admission

Provisional admission may be granted to those who have a composite ACT of 18 or below. Those entering provisionally are required to enroll in a specific block of courses as a part of the program of study including the course sequence entitled University Study Strategies (GS 0113) and Critical Thinking Strategies (GS 1213). The program of study for such students, therefore, requires completion of more than 124 credit hours. Provisionally admitted students are also placed on academic probation upon admission as an indication of an at-risk status. This allows SNU to monitor academic progress carefully and to assure that appropriate support services can be provided to assist in 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 the first two semesters in residence at SNU. Full admission to SNU will be granted if:

- the student has successfully completed (defined as a grade of "C" or better) the prescribed course sequence noted above.

- the student is making appropriate academic progress (in terms of credits completed) and has a cumulative GPA of 2.00 or above, thus meeting the guidelines for academic eligibility.

- 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.
Transfer Nondegree Seeking

A student who has been admitted to another college or university and plans to complete six or fewer credits at SNU may be admitted as a nondegree candidate. Nondegree 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 nondegree 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 Association for Biblical Higher Education (ABHE) may transfer up to 90 credits according to the general requirements for full acceptance of transfer work.

In addition, a Bible college transfer student planning for a major or concentration in any of the School of Theology and Ministry programs must meet established requirements set forth by the school. A minimum of 15 credits in religion, including courses in theology and Biblical literature, must be taken at SNU. 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 coursework expectations at SNU.

Requests for transfer from nonaccredited institutions must be submitted in writing to the Office of Academic Affairs and are considered on an individual basis.

The GPA for the last semester in which the student was enrolled was above 1.50.
Study completed through the 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.
Advanced Standing

SNU 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 SNU. 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 30 college credits is available through various forms of testing (CLEP, AP, departmental proficiency exams, military credit). Credits received via CLEP are recorded on the transcript after the student completes six credits 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 Office of Academic Affairs.

For students in nontraditional programs at SNU, a total of up to 45 credits of advanced standing may be earned, with a maximum of 30 credits awarded for experiential learning.
College-Level Examination Program (CLEP)

**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. A note should be made that the guidelines for acceptance of CLEP results (both the particular exams accepted and the score minimums 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.

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 chair for the availability of tests in these areas.

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 50th percentile on established sophomore norms in selected content areas. The specific minimum scores are based on current norms and, therefore, are subject to change. For specific score information, contact the SNU Testing Services office.

CLEP examinations are administered by appointment, Monday through Thursday at the Testing Center (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 pages of this catalog or may be obtained from the SNU Testing Services office. These charges are based on nationally established rates and, therefore, are subject to change.
Correspondence Courses

Up to 30 credits 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 SNU must secure the written approval of the appropriate dean before enrolling for a correspondence course.
Early Admission

Applicants requesting early admission will be considered on an individual 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. An information packet detailing requirements and including an application will be sent to the prospective student. Demonstration of proficiency in English is required.
Veteran Admission

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 SNU. The *Guide to the Evaluation of Educational Experience in the Armed Forces*, issued by the American Council on Education, will be followed in evaluating the student's educational experiences for such advanced standing. A total of four credits in physical education will be allowed for basic or boot training, if the student is not a kinesiology major. Additional credit may be secured by petitioning the department for advanced standing. To secure advanced standing, the veteran must furnish transcripts of credits completed in institutions of higher learning and official records indicating educational achievements during military service.
Provisional Admission

Provisional admission may be granted to those who have a composite ACT of 18 or below. Those entering provisionally are required to enroll in a specific block of courses as a part of the program of study including the course sequence entitled University Study Strategies (GS 0113) and Critical Thinking Strategies (GS 1213). The program of study for such students, therefore, requires completion of more than 124 credit hours. Provisionally admitted students are also placed on academic probation upon admission as an indication of an at-risk status. This allows SNU to monitor academic progress carefully and to assure that appropriate support services can be provided to assist in 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 the first two semesters in residence at SNU. Full admission to SNU will be granted if:

- the student has successfully completed (defined as a grade of "C" or better) the prescribed course sequence noted above.

- the student is making appropriate academic progress (in terms of credits completed) and has a cumulative GPA of 2.00 or above, thus meeting the guidelines for academic eligibility.

- 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.
Areas of Study at SNU

Undergraduate College

Below is a list of links to the academic programs offered at SNU. These pages outline requirements for majors, minors, certifications, and/or emphases. Multidisciplinary program majors 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 multidisciplinary programs 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.

- Accounting
- Accounting (CPA)
- Allied Health
- American Studies
- Art
- Athletic Training
- Aviation Business
- Biblical Languages
- Biology
- Biology-Chemistry
- Business
- Business Administration
- Business Administration / Pre-law
- Business Multidisciplinary (B.A.)
- Business Multidisciplinary (B.S.)
- Business Spanish
- Chemistry
- Children’s Ministry
- Christian Education
- Coaching
- Computer Science
- Communication and Cultural Studies
- Creative Writing
- Criminal Justice
- Early Childhood Education
- Education
- Education (Liberal Studies)
- Elementary Education
- English
- English Education
- Environmental Studies
- Equine Business
- Exercise Science
- Finance
- French (Minor)
- General Studies (A.A. Degree)
- Geography
- Graphic Design
- History
- Human Relations
- International Studies
- Management Information Systems
- Marketing
- Mass Communication
- Mathematics
- Mathematics Education
- Mathematics-Grad. School Emphasis
- Missions
- Music
- Music Education - Vocal
- Music Education - Instrumental
- Music Ministry
- Music Business
- Music Performance
- Network Engineering
- Nursing
- Philosophy
- Physical Education (K-12)
- Physical Education (Sports and Leisure)
- Physics
- Politics and Law
- Pre-agriculture
- Pre-architecture
- Pre-engineering
- Pre-medical Technology
- Pre-medicine
- Pre-occupational Therapy
- Pre-optometry
- Pre-pharmacy
- Pre-physical Therapy
- Psychology (B.A.)
- Psychology (B.S.)
- Science
- Science Education
- Social Studies Education
- Sociology
- Spanish
- Spanish Education
- Speech Communication
- Sport Information
- Sport Management
Click here for a listing by department/school.

School of Professional Studies

See the School of Professional Studies for accelerated programs for adult learners.

School of Graduate Studies

See the School of Graduate Studies for graduate programs.
Areas of Study by Department / School

Departments

General Education

General Education Requirements for all Areas of Study
General Studies (A.A. Degree)

Pre-professional Programs

Pre-agriculture
Pre-architecture
Pre-engineering
Pre-medical Technology
Pre-law
Pre-medicine
Pre-occupational Therapy
Pre-optometry
Pre-physical Therapy
Pre-pharmacy

Division of Cultural and Communication Studies

Art and Design

Art Minor
Graphic Design Major

English

American Studies Multidisciplinary Major / Minor
English Major
English Education
Creative Writing Minor
Language / TESL Concentration
Literature Concentration
Mass Communication Major / Minor
Writing Concentration

Modern Languages
Certificate in Business Spanish (for Spanish Majors / Minors)
French Minor
International Studies Multidisciplinary
Spanish Major / Minor
Spanish Education

Speech Communication

Communication and Cultural Studies Major/A.A. Degree
Human Relations Multidisciplinary
Mass Communication Major / Minor
Speech Communication Major / Minor / Multidisciplinary

Division of Science and Mathematics

Biology

Allied Health
Biology Major / Minor
Biology-Chemistry Major
Environmental Studies Major

Chemistry

Chemistry Major / Minor
Biology-Chemistry Major

Computer Science / Network Engineering

Computer Science Major
Management Information Systems Major
Network Engineering Major

Kinesiology

Allied Health
Athletic Training Major
Coaching Minor
Equine Business Multidisciplinary
Exercise Science Major / Area of Concentration
Kinesiology Major (Pre-physical Therapy / Pre-occupational Therapy)
Physical Education: Health and Safety (K-12)
Physical Education (Sports and Leisure)
Sport Information Multidisciplinary
Sport Management Multidisciplinary

Mathematics

Mathematics Major / Minor
Mathematics Education
Mathematics Graduate School Emphasis
Statistics / Actuarial Science Emphasis

Physics

Physics Major / Minor / Multidisciplinary
Biological Physics

Science

Science Education
(Also see Biology, Chemistry, Physics)

**Division of Social and Behavioral Sciences**

History, Politics, and Geography

American Studies Multidisciplinary Major / Minor
Geography Minor
History Minor
History Track Major
International Studies Multidisciplinary
Politics and Law Track Major
Social Studies Education

Psychology

Psychology Major (B.A.) / Minor
Psychology Major - Pre-graduate School / Multidisciplinary (B.S.)
Human Relations Multidisciplinary

Sociology

Criminal Justice
Human Relations Multidisciplinary
Sociology Major / Minor
Urban Ministry / Urban Studies

Schools

**School of Business**

Associate Degrees and Minors

Aviation Business (A.A.)
Business (A.A.)
Business Minor
Business Major (B.S.) Track Options

- Accounting Track
- Accounting (CPA) Track
- Aviation Business Track
- Business Administration Track
- Business Administration / Pre-law Track
- Finance Track
- Management Track
- Marketing Track

Business Multidisciplinary Degrees

- Business Multidisciplinary (B.A.)
- Business Multidisciplinary (B.S.)
- International Studies Multidisciplinary

School of Education

- Education (B.S.) - Early Childhood / Elementary / Secondary
- Education - Liberal Studies (B.S.)

School of Music

- Bachelor of Music Education (Vocal / Instrumental Concentrations)
- Music (B.A.)

Music (B.S.) Emphases

- Music Business
- Music Ministry
- Music Performance (Vocal / Keyboard / Instrumental)

Music Minors

- Music Minor
- Church Music Minor

School of Nursing

- Nursing Major (B.S.)
School of Theology and Ministry

B.A. Degree Concentration Options

Christian Education
Missions
Philosophy
Theology and Ministry

B.S. Degree Concentration Options

Children's Ministry
Christian Education
Theology and Ministry
Youth Ministry

Multidisciplinary Degree Options

Christian Education and Music
Theology and Ministry
Urban Ministry / Urban Studies

Minors

Biblical Languages
Christian Education
Cross-cultural Ministry
Philosophy
Theology
Urban Ministry / Urban Studies

College of Professional and Graduate Studies

School of Professional Studies
School of Graduate Studies
Allied Health

Allied health fields include 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 Department of Biology or the Department of Kinesiology. 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 or from the SNU Department of Biology could be a positive 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.
Accounting
(124-Credit Program)

Graduates of this accounting program 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. All students sitting for the CPA exam in the State of Oklahoma will be required to have 150 semester credits of college credit, including a baccalaureate degree, and a minimum of 30 credits of upper division accounting courses.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>The basic business CORE (less accounting elective)</td>
<td>39</td>
</tr>
<tr>
<td>Required Courses in Accounting and Management</td>
<td></td>
</tr>
<tr>
<td>ACC 3113</td>
<td>Intermediate Accounting I</td>
</tr>
<tr>
<td>ACC 3123</td>
<td>Intermediate Accounting II</td>
</tr>
<tr>
<td>ACC 3133</td>
<td>Cost Accounting</td>
</tr>
<tr>
<td>ACC 3143</td>
<td>Cost Analysis</td>
</tr>
<tr>
<td>ACC 3153</td>
<td>Income Tax for Individuals</td>
</tr>
<tr>
<td>ACC 4123</td>
<td>Advanced Accounting</td>
</tr>
<tr>
<td>ACC 4133</td>
<td>Auditing</td>
</tr>
<tr>
<td>ACC 4143</td>
<td>Consolidated Statements</td>
</tr>
<tr>
<td>MGT 4113</td>
<td>Management Information Systems</td>
</tr>
<tr>
<td><strong>Total required accounting major credits</strong></td>
<td><strong>66</strong></td>
</tr>
</tbody>
</table>

Suggested Additional Electives

<table>
<thead>
<tr>
<th>Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 3163</td>
<td>Managerial Accounting</td>
</tr>
<tr>
<td>ACC 4153</td>
<td>Income Tax for Business and Fiduciary Entities</td>
</tr>
<tr>
<td>ACC 4173</td>
<td>Not-for-Profit Accounting</td>
</tr>
<tr>
<td>ACC 4183</td>
<td>Accounting Internship</td>
</tr>
</tbody>
</table>
Accounting – CPA Track

(150-Credit Program)

Graduates of this accounting program 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. All students sitting for the CPA exam in the State of Oklahoma will be required to have 150 semester credits of college credit, including a baccalaureate degree, and a minimum of 30 credits of upper division accounting courses.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>The basic business CORE (less accounting elective)</td>
<td>39</td>
</tr>
<tr>
<td><strong>Required Courses in Accounting and Management</strong></td>
<td></td>
</tr>
<tr>
<td>ACC 3113</td>
<td>Intermediate Accounting I</td>
</tr>
<tr>
<td>ACC 3123</td>
<td>Intermediate Accounting II</td>
</tr>
<tr>
<td>ACC 3133</td>
<td>Cost Accounting</td>
</tr>
<tr>
<td>ACC 3143</td>
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<tr>
<td>ACC 3153</td>
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</tr>
<tr>
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<td>Advanced Accounting</td>
</tr>
<tr>
<td>ACC 4133</td>
<td>Auditing</td>
</tr>
<tr>
<td>ACC 4143</td>
<td>Consolidated Statements</td>
</tr>
<tr>
<td>ACC 4173</td>
<td>Not-For-Profit Accounting</td>
</tr>
<tr>
<td>ACC 4153</td>
<td>Income Tax for Business and Fiduciary Entities</td>
</tr>
<tr>
<td>MGT 4113</td>
<td>Management Information Systems</td>
</tr>
<tr>
<td><strong>Total required CPA track accounting major credits</strong></td>
<td>72</td>
</tr>
</tbody>
</table>

**Required Electives** (to complete a total 150 credits)

Choose upper division courses from the following:

ACC Internship, BADM, FIN, MGT, MKT, computer science, communications, ethics, logic, algebra, calculus, foreign language, statistical methods or other approved areas.
American Studies *(ENGL / HP)*

This cross-disciplinary Bachelor of Science program in English and history is designed to prepare students for any of a variety of vocations that requires 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**

- 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.
- To improve student skills in raising important questions, in research, in organizing ideas, in writing, and in other forms of communication.
- To enable students to meet certification requirements to teach history and/or literature in secondary schools.
- To provide an undergraduate foundation for graduate study in history, literature, the arts and related areas.
- 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 credits of courses above the freshman level as specified below, including six credits of electives 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 listings for the Departments of English and History, Politics, and 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. [Click here](https://serak.snu.edu/catalog/Catalogext.asp?PageID=330&PF=y&Catalog=ENGL) for more information about this option.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prerequisites</strong></td>
<td></td>
</tr>
<tr>
<td>HP 1483</td>
<td>U.S. History I</td>
</tr>
<tr>
<td>HP 1493</td>
<td>U.S. History II</td>
</tr>
<tr>
<td><strong>Required Courses</strong></td>
<td></td>
</tr>
<tr>
<td>HP 2112</td>
<td>Methods of Historical Study</td>
</tr>
<tr>
<td>ENGL 2933</td>
<td>Foundations for English Studies</td>
</tr>
<tr>
<td>HP 3313</td>
<td>Colonial and Revolutionary America: 1607-1800</td>
</tr>
<tr>
<td>HP 3323</td>
<td>Early National Period: 1783-1850</td>
</tr>
<tr>
<td>HP 3333</td>
<td>Civil War and Reconstruction</td>
</tr>
<tr>
<td>HP 3343</td>
<td>Gilded Age and Progressive Era: 1877-1920</td>
</tr>
<tr>
<td>HP 3353</td>
<td>The 20th Century World: 1890-Present</td>
</tr>
</tbody>
</table>
Required Elective Options
Nine credits in English selected from the courses below:

- **ENGL 3192-3**  Literary Field Studies: American Tour
- **ENGL 3202-3**  Special Studies in Literature: American Literature topics
- **ENGL 4083**  The American Novel
- **ENGL 4223**  Major Authors: American Authors
- **ENGL 4943 / HP 4943**  Seminar in American Studies

Six credits of electives from philosophy, art, history, or literature

Total elective credits  15

Total program credits  54

Minor in American Studies
Eighteen credits above the freshman level. These courses must be chosen in consultation with the chair of either the Department of History, Politics, and Geography or the Department of English.
Department of Art and Design (ART, GDSG)

Departmental Objectives

- To provide a vocabulary of fundamental design principles through experimentation.
- To balance classroom learning with practical design applications.
- To broaden students' views and expand their abilities to conceptualize and formulate ideas.
- To foster a personal approach to conceptual problem solving processes by enforcing critical, analytical and perceptual skills.
- To strengthen students with qualities that will prepare them to facilitate ideas confidently in formal or informal settings.

Graphic Design Major

A major in Graphic Design consists of a combination of art and graphic design courses that total 48 credits.

Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1113</td>
<td>Drawing I</td>
</tr>
<tr>
<td>ART 1213</td>
<td>Design I</td>
</tr>
<tr>
<td>ART 1223</td>
<td>Design II</td>
</tr>
<tr>
<td>ART 2013</td>
<td>History of Art and Design</td>
</tr>
<tr>
<td>ART 2113</td>
<td>Color Visual Language</td>
</tr>
<tr>
<td>ART 2413</td>
<td>Vector and Raster Fundamentals I</td>
</tr>
<tr>
<td>ART 2423</td>
<td>Vector and Raster Fundamentals II</td>
</tr>
<tr>
<td>GDSG 2433</td>
<td>Typography</td>
</tr>
<tr>
<td>GDSG 3423</td>
<td>Corporate Identity</td>
</tr>
<tr>
<td>GDSG 3433</td>
<td>Digital Imaging</td>
</tr>
<tr>
<td>GDSG 4413</td>
<td>Information Design</td>
</tr>
<tr>
<td>GDSG 4431-3</td>
<td>Professional Practice</td>
</tr>
<tr>
<td>GDSG 2113</td>
<td>Introduction to Web Design</td>
</tr>
<tr>
<td>MCOM 4203</td>
<td>Writing for Digital Media</td>
</tr>
</tbody>
</table>

Art / Graphic Design electives 6-8

Total major credits 48

Art Minor

An 18-credit minor in Art is offered through the Department of Art and Design.

Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1113</td>
<td>Drawing I</td>
</tr>
<tr>
<td>ART 1213</td>
<td>Design I</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>ART 1223</td>
<td>Design II</td>
</tr>
<tr>
<td>ART 2113</td>
<td>Color Visual Language</td>
</tr>
<tr>
<td>Art electives (must be above 1000-level)</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total minor credits</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>
The objective of this program is to prepare students interested in an athletic training career. After January 1, 2004, undergraduate students must graduate from an accredited athletic training education program to be eligible to take the Board of Certification's (BOC) certification examination. The SNU Athletic Training Education Program (ATEP) was awarded accreditation by the (CAAHEP) in January 2004 and is now accredited by the Commission on Accreditation of Athletic Training Education (CAATE). In addition to the prescribed academic courses, each student will be required to complete six semesters of clinical education under the direct supervision of an approved clinical instructor (ACI). These clinical experiences will occur in the SNU athletic training facilities, the SNU Student Health Center, private physical therapy clinics and physician's offices. Admission to the SNU Athletic Training Education program is competitive. The admission requirements and policies are published in the Athletic Training Student Handbook.

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

- The student must be accepted into SNU.
- The student is required to enroll in the following courses the (freshman) first semester: First Aid / CPR and Safety, Foundations of Athletic Training, Lower Extremity Injury Recognition and Evaluation of the Physically Active and Lab, and Human Anatomy.
- The student is required to enroll in the following courses the freshman second semester: Upper Extremity Injury Recognition and 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 ATEP.
- 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 ATEP based on the number of available openings per year. Those students receiving notification of acceptance into the ATEP will then begin the three-year Athletic Training Clinical Rotation.
- Each athletic training student will be required to enroll in two off-site internships. The Internship I course is to be taken in the summer after completion of Clinical Rotation I and II. Internship II is to be taken in the summer after completion of Clinical Rotation III and IV. The student, with approval of the ATEP director, will arrange the internships. The student must obtain a letter grade of "C" or better to continue in the clinical rotation sequence.
- During the last semester of enrollment or upon completion of Clinical Rotations I –VI and Internships I and II, the student is eligible to apply for taking the BOC certification examination. Passing scores on the examination will result in being awarded the title of Certified Athletic Trainer (ATC) recognized by the NATA.
- Each student is minimally required to maintain a current professional rescuer CPR / first aid card and a cumulative GPA of 2.50. Application deadline for the student positions in the ATEP is April 15.

The athletic training curriculum is structured around the required course domains as specified by the CAATE and NATA, which include the following:
Program Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Athletic Training Core Courses</td>
<td></td>
</tr>
<tr>
<td>PSY 1113 General Psychology</td>
<td>**</td>
</tr>
<tr>
<td>KSM 1613 First Aid / CPR and Safety and Lab</td>
<td>**</td>
</tr>
<tr>
<td>KSM 1624 Lower Extremity Injury Rec. / Eval. of the Physical Active and Lab</td>
<td>4</td>
</tr>
<tr>
<td>NURS 2102 Pharmacology</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 2224 Human Anatomy and Lab</td>
<td>**</td>
</tr>
<tr>
<td>BIOL 2234 Human Physiology and Lab</td>
<td>**</td>
</tr>
<tr>
<td>KSM 2613 Personal and Community Health</td>
<td>**</td>
</tr>
<tr>
<td>KSM 2664 Upper Extremity Injury Rec/Eval of the Physical Active and Lab</td>
<td>4</td>
</tr>
<tr>
<td>NURS 3103 Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3613 Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3624 Therapeutic Modalities and Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 4634 Therapeutic Physical Rehabilitation and Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 4643 Administration and Management of Athletic Training Programs</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4693 Biomechanics and Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total athletic training core credits</strong></td>
<td>27</td>
</tr>
</tbody>
</table>

| Clinical Education Courses                  |         |
| KSM 1601 Foundations of Athletic Training   | 1       |
| KSM 2632 Athletic Training Clinical Rotation I | 2       |
| KSM 2642 Athletic Training Clinical Rotation II | 2     |
| KSM 3652 Athletic Training Clinical Rotation III | 2      |
| KSM 3662 Athletic Training Clinical Rotation IV | **     |
| KSM 4652 Athletic Training Internship I     | 2       |
| KSM 4662 Athletic Training Internship II    | 2       |
| KSM 4672 Athletic Training Clinical Rotation V | 2      |
| KSM 4682 Athletic Training Clinical Rotation VI | 2     |
| **Total clinical education credits**        | 15      |

<p>| Additional Requirements                     |         |
| PHY 1114 General Physics I and Lab (Trigonometry recommended) | **      |
| KSM 1511 Teaching and Performance of Weight Training | **      |
| NURS 2404 Health Assessment and Lab           | 4       |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSM 2653</td>
<td>Introduction to Health Psychology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 2671</td>
<td>Terminology for Health Professions</td>
<td>1</td>
</tr>
<tr>
<td>KSM 4533</td>
<td>Research Measurement and Evaluation</td>
<td>**</td>
</tr>
</tbody>
</table>

**Total additional credits** 8

**Total credits for Athletic Training program** 50

**Credits are counted toward General Education requirements.**
Aviation-Business Track

Aviation credits in the baccalaureate program can be brought to the transcript on a pro rata basis. Primary Ground Instruction (AV 1113) and Primary Flying (AV 1123) will be added to the official transcript upon proof of private pilot license for the first 24 college credits. Instrument Ground Instruction (AV 3113) and Instrument Flying (AV 3123) will be added to the official transcript upon proof of instrument rating when 48 credits are earned. Commercial Ground Instruction (AV 3133), Commercial Flying I (AV 3143) and Commercial Flying II (AV 3153) will be added to the transcript upon proof of commercial rating when 62 credits are earned. All academic coursework must be taken at SNU. Southern Nazarene University reserves the right for check rides and passing before any aviation credits are added to the transcript. All check rides are at the student's expense.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>The basic business CORE</td>
<td>42</td>
</tr>
</tbody>
</table>

**Required Courses in Aviation**

- **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 I 3
- **AV 3153** Commercial Flying II 3

**Total required aviation major credits** 21

**Total program credits** 63

**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-AV 4183** Internship / Individual Study 1-3
Associate of Arts (A.A.) Degree in Aviation

Proficiency Requirements

The requirements for any associate's degree includes completion with a minimum 2.00 GPA in the CORE courses.

Course Requirements

All coursework must be done at SNU for aviation credits to be placed on the transcript.

Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education</td>
<td></td>
</tr>
<tr>
<td>CHOICE and CORE same as for A.A. in business</td>
<td>30</td>
</tr>
<tr>
<td>Area of Specialization</td>
<td></td>
</tr>
<tr>
<td>AV 1113 Primary Ground Instruction</td>
<td>3</td>
</tr>
<tr>
<td>AV 1123 Primary Flying</td>
<td>3</td>
</tr>
<tr>
<td>AV 3113 Instrument Ground Instruction</td>
<td>3</td>
</tr>
<tr>
<td>AV 3123 Instrument Flying</td>
<td>3</td>
</tr>
<tr>
<td>AV 3133 Commercial Ground Instruction</td>
<td>3</td>
</tr>
<tr>
<td>AV 3143 Commercial Flying I</td>
<td>3</td>
</tr>
<tr>
<td>AV 3153 Commercial Flying II</td>
<td>3</td>
</tr>
<tr>
<td>Total credits in area of specialization</td>
<td>21</td>
</tr>
<tr>
<td>Business Electives</td>
<td></td>
</tr>
<tr>
<td>Select courses from any area in business to complete program</td>
<td>11</td>
</tr>
<tr>
<td>Total credits for A.A. degree in aviation</td>
<td>62</td>
</tr>
</tbody>
</table>
Biblical Languages Minor

Eighteen credits in either Greek (GK) or Hebrew (HB) or a combination of both languages.
## Biology CORE Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZOO 1115</td>
<td>5</td>
</tr>
<tr>
<td>BOT 1114</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3124</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 3193</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3263</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total biology CORE credits** 19
Biology

A major in biology requires a minimum of 32 credits in biology. Students must complete the biology CORE requirements. They must also have at least one outdoor field course. Only three credits of research (BIOL 2321-2 and BIOL 4182-3) may be used towards reaching the 32-credit total. Supporting coursework is taken in chemistry (CHEM 1124 and above), physics, and mathematics (MATH 1513 or higher). Calculus is strongly recommended.

Major Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology CORE</td>
<td>19</td>
</tr>
<tr>
<td>Any field course</td>
<td>1-4</td>
</tr>
<tr>
<td>Additional biology electives</td>
<td>9-12</td>
</tr>
<tr>
<td>Chemistry electives</td>
<td>8-10</td>
</tr>
<tr>
<td>Physics electives</td>
<td>4-8</td>
</tr>
<tr>
<td>Mathematics elective</td>
<td>3</td>
</tr>
<tr>
<td>Total program credits</td>
<td>44-56</td>
</tr>
</tbody>
</table>

Minor Requirements

All students desiring a minor in biology will complete General Zoology (ZOO 1115), General Botany (BOT 1114) and additional credits in biology to total 18 credits. One outdoor field course is required.
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 credits from chemistry with 22-25 credits from biology, for a total program of 47-50 credits.

Program Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Biology</strong></td>
<td></td>
</tr>
<tr>
<td>ZOO 1115</td>
<td>General Zoology 5</td>
</tr>
<tr>
<td>BIOL 3124</td>
<td>Genetics 4</td>
</tr>
<tr>
<td>BIOL 3263</td>
<td>Cell and Molecular Biology 3</td>
</tr>
<tr>
<td>BIOL 3193</td>
<td>Origins 3</td>
</tr>
<tr>
<td>BIOL 4391</td>
<td>Molecular Biology Lab 1</td>
</tr>
<tr>
<td>Additional biology electives</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total credits in biology courses</strong></td>
<td>24</td>
</tr>
</tbody>
</table>

| **Chemistry** | |
| CHEM 1124 | General Chemistry I 4 |
| CHEM 1224 | General Chemistry II 4 |
| CHEM 3114 | Organic Chemistry I 4 |
| CHEM 3125 | Organic Chemistry II 5 |
| CHEM 3133 | Biochemistry 3 |
| CHEM 4191 | Chemistry Seminar 1 |
| CHEM 3024 OR | Analytical Chemistry I or |
| CHEM 4114 | Physical Chemistry 4 |
| **Total credits in chemistry courses** | 25 |
| **Total program credits** | 49 |

Other courses strongly recommended:

<table>
<thead>
<tr>
<th>Course</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 1114</td>
<td>General Physics I</td>
</tr>
<tr>
<td>PHYS 1214</td>
<td>General Physics II</td>
</tr>
<tr>
<td>PHYS 2114</td>
<td>General Physics for Scientists and Engineers I</td>
</tr>
<tr>
<td>PHYS 2214</td>
<td>General Physics for Scientists and Engineers II</td>
</tr>
<tr>
<td>MATH 2324</td>
<td>Calculus I</td>
</tr>
</tbody>
</table>

Additional courses in biology and chemistry
School of Business (ACC, AV, BADM, ECO, FIN, MGT, MKT)

School Faculty

Professors:  L. Mills, R. Spindle, M. Jones

Associate Professors:  T. Herskowitz, Chair

Assistant Professors:  R. Garrett, C. Powell, J. Tang

Emeriti / Retired Faculty:  E. Shellenberger, E. Overholt, L. Snell, G. Biggs, I. Harris

Adjunct Faculty:  B. Gruenewald, L. Maxey, J. Seyfert, T. Ward

School Mission

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

School Motto

Bringing the mind of Christ to the world of business.

School Objectives

School of Business graduates will...

- develop a business philosophy as a calling in order to integrate one's professional life within a framework of Christian principles and ethical business conduct;

- demonstrate competencies in content areas in preparation for business and professional careers in various fields including not-for-profit organizations;

- demonstrate servant-leadership, and teamwork skills in communicating, problem solving, and relating to others;

- develop and demonstrate knowledge of current business trends including an global business perspective;

- be prepared for graduate studies and professional certification in selected fields of business or law; and

- use information and technology effectively for problem solving and communicating professionally.
School Programs

Minor in Business
A.A. Degree in Business
A.A. Degree in Aviation
B.A. Multidisciplinary Degree in Business
International Studies Program (Multidisciplinary)
B.S. Multidisciplinary Degree in Business

B.S. in Business in one of the following concentrations:
- Accounting
- Accounting-CPA Track
- Aviation-Business
- Business Administration
- Business Administration Pre-Law
- Finance
- Management
- Marketing
Associate of Arts (A.A.) Degree in Business

Students enrolling in an A.A. degree program must fulfill the regular requirements for admission to SNU. To complete these degree programs, the degree candidate must complete 62 credits of college work and maintain a cumulative GPA of 2.00. The student must complete 30 credits in residence; a minimum of 15 residence credits must be at the sophomore level or above. No more than nine 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 2.00 GPA in the CORE courses.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CHOICE Courses</strong></td>
<td></td>
</tr>
<tr>
<td>MATH</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1113</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>3</td>
</tr>
<tr>
<td>SP C 1133</td>
<td>3</td>
</tr>
<tr>
<td>Natural science course</td>
<td>3</td>
</tr>
<tr>
<td>Citizenship</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total CHOICE credits</strong></td>
<td><strong>18</strong></td>
</tr>
<tr>
<td><strong>CORE Courses (required of all A.A. degree students)</strong></td>
<td></td>
</tr>
<tr>
<td>GS 1113 / B LT 1113</td>
<td>3</td>
</tr>
<tr>
<td>HP 2013 or HP 2023</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total CORE credits</strong></td>
<td><strong>6</strong></td>
</tr>
<tr>
<td><strong>CORE Electives</strong></td>
<td></td>
</tr>
<tr>
<td>Choose two courses from the following three-credit courses:</td>
<td></td>
</tr>
<tr>
<td>PHIL 2013</td>
<td>Introduction to Philosophy</td>
</tr>
<tr>
<td>FA 2123</td>
<td>Introduction to Fine Arts</td>
</tr>
<tr>
<td>B LT 3013</td>
<td>Introduction to Biblical Interpretation</td>
</tr>
<tr>
<td>THEO 2233</td>
<td>Introduction to Christian Thought</td>
</tr>
<tr>
<td>N S 3043</td>
<td>Science, Technology and Society</td>
</tr>
<tr>
<td>PSY 3013 / SOC 3013</td>
<td>Contemporary Social Issues</td>
</tr>
<tr>
<td><strong>Total CORE elective credits</strong></td>
<td><strong>6</strong></td>
</tr>
<tr>
<td><strong>Area of Specialization</strong></td>
<td></td>
</tr>
<tr>
<td>ACC 2113</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>BADM 1113</td>
<td>Ethics and Business Principles</td>
</tr>
<tr>
<td>BADM 3173</td>
<td>Principles of Management Science</td>
</tr>
<tr>
<td>BADM 3103 or BADM 3113</td>
<td>Business Communication or Business Law I</td>
</tr>
<tr>
<td>CSNE 1213</td>
<td>Computer Applications for Business</td>
</tr>
</tbody>
</table>
ECO 2113  Macroeconomics  3
Any management (MGT) course  3
Any marketing (MKT) course  3
Any business course  3
Total area of specialization credits  27

Business Electives
Select courses from any area in business to complete program  9

Total credits for A.A. degree in Business  62
# Basic Business CORE

*(required of all business students)*

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BADM 1113</strong></td>
<td>Ethics and Business Principles 3</td>
</tr>
<tr>
<td><strong>ACC 2113</strong></td>
<td>Principles of Accounting I 3</td>
</tr>
<tr>
<td><strong>ACC 2123</strong></td>
<td>Principles of Accounting II 3</td>
</tr>
<tr>
<td><strong>BADM 3173</strong></td>
<td>Principles of Management Science 3</td>
</tr>
<tr>
<td><strong>BADM 3103</strong></td>
<td>Business Communication 3</td>
</tr>
<tr>
<td><strong>BADM 3113</strong></td>
<td>Business Law I 3</td>
</tr>
<tr>
<td><strong>BADM 3123</strong> or <strong>BADM 3133</strong></td>
<td>Business Law II or International Business Law 3</td>
</tr>
<tr>
<td><strong>ECO 2113</strong></td>
<td>Macroeconomics 3</td>
</tr>
<tr>
<td><strong>ECO 2123</strong></td>
<td>Microeconomics 3</td>
</tr>
<tr>
<td><strong>FIN 3103</strong></td>
<td>Business Finance 3</td>
</tr>
<tr>
<td><strong>MGT 2113</strong></td>
<td>Principles of Management 3</td>
</tr>
<tr>
<td><strong>MGT 4123</strong></td>
<td>Business Policy (senior capstone course) 3</td>
</tr>
<tr>
<td><strong>MKT 2113</strong></td>
<td>Principles of Marketing 3</td>
</tr>
<tr>
<td><strong>Accounting elective</strong> (select one from the following three-credit courses):</td>
<td>3</td>
</tr>
<tr>
<td><strong>ACC 3113</strong></td>
<td>Intermediate Accounting I</td>
</tr>
<tr>
<td><strong>ACC 3143</strong></td>
<td>Cost Analysis</td>
</tr>
<tr>
<td><strong>ACC 3153</strong></td>
<td>Income Tax for Individuals</td>
</tr>
<tr>
<td><strong>ACC 3163</strong></td>
<td>Managerial Accounting</td>
</tr>
</tbody>
</table>

**Total CORE credits 42**
Business Administration

**Courses**

The basic **business CORE**

**Credits**

<table>
<thead>
<tr>
<th>Courses in Business Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose six upper division courses (3000 or higher) from the following:</td>
</tr>
<tr>
<td>ACC, AV, BADM, FIN, MGT, MKT</td>
</tr>
<tr>
<td>(including at least one international course in FIN, Law, MGT or MKT)</td>
</tr>
</tbody>
</table>

*Total business administration credits* 18

*Total required business administration major credits* 60
Business Administration / Pre-law

Courses

The basic business CORE

Required Courses in Business Administration

- **MGT 3123** Human Resource Management 3
- **HP 3993** Introduction to Law 3
- At least one international course in FIN, Law, MGT or MKT 3

Total credit for required business administration courses 9

Required Electives (choose a total of nine credits from the following course):

- **ACC 3153** Income Tax for Individuals
- **ACC 4153** Income Tax for Business and Fiduciary Entities
- **FIN 3143** Real Estate
- **HP 3123** Legislative Process
- **HP 4153** Constitutional Law
- **MGT 3133** Small Business Management
- **MGT 4163** Organizational Behavior

Total required elective credits 9

Total required business administration / pre-law major credits 60
Multidisciplinary Major with B.S. Degree in Business

Program Requirements

This major requires 30 credits in business courses and a 30-credit major within another area of SNU with degree approval from that area.

Course Requirements

<table>
<thead>
<tr>
<th>Business Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 2113</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>ACC 2123</td>
<td>Principles of Accounting II</td>
</tr>
<tr>
<td>BADM 3113</td>
<td>Business Law I</td>
</tr>
<tr>
<td>ECO 2113</td>
<td>Macroeconomics</td>
</tr>
<tr>
<td>ECO 2123</td>
<td>Microeconomics</td>
</tr>
<tr>
<td>FIN 3103</td>
<td>Business Finance</td>
</tr>
<tr>
<td>MGT 3113</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>MKT 3113</td>
<td>Principles of Marketing</td>
</tr>
</tbody>
</table>

Business electives | 6

Total business credits | 30

Total credits from other major | 30

Total program credits | 60
Multidisciplinary Major with B.A. Degree in Business

The student will complete not less than 60 credits in courses related to the student’s declared objective and selected from more than one department or school of SNU. A minimum of 30 credits is required in the School of Business. Six credits of language study are required to complete this program.

Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 2113</td>
<td>3</td>
</tr>
<tr>
<td>ACC 2123</td>
<td>3</td>
</tr>
<tr>
<td>BADM 3113</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2113</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2123</td>
<td>3</td>
</tr>
<tr>
<td>FIN 3103</td>
<td>3</td>
</tr>
<tr>
<td>MGT 2113</td>
<td>3</td>
</tr>
<tr>
<td>MKT 2113</td>
<td>3</td>
</tr>
<tr>
<td>Upper division business electives</td>
<td>6</td>
</tr>
<tr>
<td>Total business credits</td>
<td>30</td>
</tr>
</tbody>
</table>

A minimum of 21 credits is expected in a second area of SNU with degree approval from that area.
The Certificate in Business Spanish offers students with a major or minor in Business Spanish or International Studies a means to demonstrate competency in Spanish and Spanish business styles at a level that would be functional in their career. Upon completion of the certificate requirements, the student would be a candidate to take one of the EXIGE exams, recognized as a measure of the candidate's linguistic competence in the business environment.

Candidates for the certificate program must be able to function at the level of someone who had finished Intermediate Spanish II (SPAN 2143). This could be achieved by:

1. completing a sequence of courses through Intermediate Spanish II
2. being a native or near-native speaker
3. having four or more years of high school Spanish with a "B" average or better.

The latter two options require passing the CLEP exam in Spanish resulting in 12 credits of elementary and intermediate Spanish.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 3423</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 4473</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 3453</td>
<td>3</td>
</tr>
<tr>
<td>SP C 4233</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 4593</td>
<td>3</td>
</tr>
<tr>
<td>Internship / Practicum</td>
<td>1-3</td>
</tr>
</tbody>
</table>

It is strongly recommended that students complete as many of the above courses as possible through the Latin American Studies Program offered through the as a study abroad option through the CCCU.
Chemistry

**Major Course Requirements**

The chemistry major consists of at least 32 credits in the department. The department offers the [B.S. degree](#) only. The following courses are required for the major:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1124</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>CHEM 1224</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>CHEM 3024</td>
<td>Analytical Chemistry I</td>
</tr>
<tr>
<td>CHEM 3114</td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td>CHEM 3125</td>
<td>Organic Chemistry II</td>
</tr>
<tr>
<td>CHEM 4114</td>
<td>Physical Chemistry</td>
</tr>
<tr>
<td>CHEM 4191</td>
<td>Seminar in Chemistry</td>
</tr>
<tr>
<td>CHEM Electives</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total major credits</strong></td>
<td>32</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 3133</td>
<td>Biochemistry</td>
</tr>
<tr>
<td>CHEM 3253</td>
<td>Analytical Chemistry II</td>
</tr>
<tr>
<td>CHEM 4134</td>
<td>Advanced Inorganic Chemistry</td>
</tr>
<tr>
<td>CHEM 4211</td>
<td>Chemical Kinetics</td>
</tr>
<tr>
<td>CHEM 4181</td>
<td>Research Projects</td>
</tr>
<tr>
<td>PHYS 2114</td>
<td>General Physics I</td>
</tr>
<tr>
<td>PHYS 2214</td>
<td>General Physics II</td>
</tr>
<tr>
<td>MATH 2324</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MATH 2424</td>
<td>Calculus II</td>
</tr>
</tbody>
</table>

They should also consider the following courses from supporting areas:

**Mathematics:** Completion of the Calculus sequence and Differential Equations ([MATH 3113](#))

**Computer Science:** Introduction to Computer Science I and II ([CSNE 2443](#) and [CSNE 2543](#))

**Biology:** General Zoology ([ZOO 1115](#)), Cell and Molecular Biology ([BIOL 3263](#)), and Genetics ([BIOL 3124](#))

**Departmental Minor**

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
</table>


<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1124</td>
<td>General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1224</td>
<td>General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 3114</td>
<td>Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Any one of the following:</strong></td>
<td><strong>3-4</strong></td>
</tr>
<tr>
<td>CHEM 3024</td>
<td>Analytical Chemistry I</td>
<td></td>
</tr>
<tr>
<td>CHEM 4114</td>
<td>Physical Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 4133</td>
<td>Advanced Inorganic Chemistry</td>
<td></td>
</tr>
<tr>
<td>CHEM 3253</td>
<td>Analytical Chemistry II</td>
<td></td>
</tr>
</tbody>
</table>
Children's Ministry Concentration

**B.S. Degree** (see [B.S. requirements](https://serak.snu.edu/catalog/Catalogext.asp?PageID=358&PF=y&Catalog...))

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Theology and Ministry CORE</strong></td>
<td>34</td>
</tr>
<tr>
<td>C ED 2123 Foundations of Christian Education</td>
<td>3</td>
</tr>
<tr>
<td>C ED 2173 Psychology of Children and Youth</td>
<td>3</td>
</tr>
<tr>
<td>C ED 3173 Survey of Children's Ministry</td>
<td>3</td>
</tr>
<tr>
<td>C ED 3193 Family Ministries in the Local Church</td>
<td>3</td>
</tr>
<tr>
<td>C ED 4123 Life-span Ministries</td>
<td>3</td>
</tr>
<tr>
<td>C ED 4183 or Ministry Experience or</td>
<td>3</td>
</tr>
<tr>
<td>C ED 4383 Ministry Intensive</td>
<td></td>
</tr>
<tr>
<td>ED 3222 Child Development</td>
<td>2</td>
</tr>
<tr>
<td>A history of philosophy course</td>
<td>3</td>
</tr>
<tr>
<td>Nine credits from the following Christian education courses:</td>
<td>9</td>
</tr>
<tr>
<td>C ED 2213 or Administration of Christian Education or</td>
<td></td>
</tr>
<tr>
<td>C ED 4153 Multiple Staff Ministry</td>
<td></td>
</tr>
<tr>
<td>C ED 3153 Christian Education in a Multicultural Context</td>
<td></td>
</tr>
<tr>
<td>C ED 4163 Pastoral Leadership and Team Building</td>
<td></td>
</tr>
<tr>
<td>C ED 4173 Crisis Ministry: Advocacy and Intervention</td>
<td></td>
</tr>
<tr>
<td>One course from the following education (ED) courses:</td>
<td>2-3</td>
</tr>
<tr>
<td>ED 3633 Child Guidance</td>
<td></td>
</tr>
<tr>
<td>ED 4483 Cognitive Development</td>
<td></td>
</tr>
<tr>
<td>ED 4142 Survey of the Exceptional Child</td>
<td></td>
</tr>
<tr>
<td>ED 4553 Child and Social Systems</td>
<td></td>
</tr>
<tr>
<td>One course from the following psychology courses:</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3133 Human Development</td>
<td></td>
</tr>
<tr>
<td>PSY 3193 Learning and Cognition</td>
<td></td>
</tr>
</tbody>
</table>

Total credits for concentration 71-72
# Christian Education

## B.A. Degree (see [B.A. requirements](#))

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CORE requirements</strong></td>
<td></td>
</tr>
<tr>
<td>C ED 2123</td>
<td>Foundations of Christian Education</td>
</tr>
<tr>
<td>C ED 3323</td>
<td>Evangelism and Church Renewal</td>
</tr>
<tr>
<td>C HS 2113</td>
<td>Nazarene History and Polity</td>
</tr>
<tr>
<td>C ED 4183 or C ED 4383</td>
<td>Ministry Experience or Ministry Intensive</td>
</tr>
<tr>
<td><strong>A history of philosophy course</strong></td>
<td></td>
</tr>
<tr>
<td>Foreign Language</td>
<td>12</td>
</tr>
<tr>
<td>One of the following three-credit courses:</td>
<td>3</td>
</tr>
<tr>
<td>C ED 2213</td>
<td>Administration of Christian Education</td>
</tr>
<tr>
<td>C ED 4153</td>
<td>Multiple Staff Ministry</td>
</tr>
<tr>
<td>C ED 4163</td>
<td>Pastoral Leadership and Team Building</td>
</tr>
<tr>
<td>One of the following three-credit courses:</td>
<td>3</td>
</tr>
<tr>
<td>C ED 3173</td>
<td>Survey of Children's Ministry</td>
</tr>
<tr>
<td>C ED 4133</td>
<td>Survey of Youth Ministry</td>
</tr>
<tr>
<td>C ED 4143</td>
<td>Survey of Adult Ministry</td>
</tr>
</tbody>
</table>

**Total credits for B.A. concentration** 67

## B.S. Degree Concentration (see [B.S. requirements](#))

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CORE requirements</strong></td>
<td></td>
</tr>
<tr>
<td>C ED 2123</td>
<td>Foundations of Christian Education</td>
</tr>
<tr>
<td>C ED 3323</td>
<td>Evangelism and Church Renewal</td>
</tr>
<tr>
<td>C HS 2113</td>
<td>History and Polity of the Church of the Nazarene</td>
</tr>
<tr>
<td>C ED 4183 or C ED 4383</td>
<td>Ministry Experience or Ministry Intensive</td>
</tr>
<tr>
<td><strong>A history of philosophy course</strong></td>
<td></td>
</tr>
<tr>
<td>One of the following three-credit courses:</td>
<td>3</td>
</tr>
<tr>
<td>C ED 2213</td>
<td>Administration of Christian Education</td>
</tr>
<tr>
<td>C ED 4153</td>
<td>Multiple Staff Ministry</td>
</tr>
<tr>
<td>C ED 4163</td>
<td>Pastoral Leadership and Team Building</td>
</tr>
<tr>
<td>One of the following three-credit courses:</td>
<td>3</td>
</tr>
<tr>
<td>C ED 3173</td>
<td>Survey of Children's Ministry</td>
</tr>
<tr>
<td>C ED 4133</td>
<td>Survey of Youth Ministry</td>
</tr>
</tbody>
</table>
Multidisciplinary Degree - Christian Education and Music

Multidisciplinary Program in Christian Education and Music A 60-credit 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 and Ministry, with some personal adaptations according to the student's abilities and interests. A minimum of 20 credits is required in each area.

Minor

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRTH 1113</td>
<td>3</td>
</tr>
<tr>
<td>C ED 2213</td>
<td>3</td>
</tr>
<tr>
<td>C ED 3323</td>
<td>3</td>
</tr>
<tr>
<td>C ED 4163</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives (selected from the following recommended options)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C ED 3173</td>
<td></td>
</tr>
<tr>
<td>C ED 4133</td>
<td></td>
</tr>
<tr>
<td>C ED 4143</td>
<td></td>
</tr>
</tbody>
</table>
A 21-credit minor in athletic coaching is offered through the Department of Kinesiology. The required courses are as follows:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEG 1001 Lifetime Wellness</td>
<td>1**</td>
</tr>
<tr>
<td>KSM 1511 Teaching and Performance of Weight Training</td>
<td>1**</td>
</tr>
<tr>
<td>KSM 1523 Care and Prevention of Athletic Injuries and Lab *</td>
<td>3</td>
</tr>
<tr>
<td>KSM 1613 First Aid/CPR and Safety and Lab</td>
<td>3</td>
</tr>
<tr>
<td>KSM 1713 Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 2512 Team and Lifetime Sports I</td>
<td>2</td>
</tr>
<tr>
<td>KSM 2522 Team and Lifetime Sports II</td>
<td>2</td>
</tr>
<tr>
<td>KSM 2531 Officiating</td>
<td>1</td>
</tr>
<tr>
<td>KSM 3512 Coaching</td>
<td>2</td>
</tr>
<tr>
<td>KSM 4713 Organization, Leadership, and Management of KSM</td>
<td>3</td>
</tr>
<tr>
<td>Total credits for minor</td>
<td>21</td>
</tr>
</tbody>
</table>

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

** Credits are counted for General Education requirements.

Athletic Coaching Area of Concentration #

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEG activity electives (three one-credit courses required)</td>
<td>3</td>
</tr>
<tr>
<td>PEG 1001 Lifetime Wellness</td>
<td>1**</td>
</tr>
<tr>
<td>BIOL 1113 Introduction to Biological Science</td>
<td>1**</td>
</tr>
<tr>
<td>KSM 1511 Teaching and Performance of Weight Training</td>
<td>1**</td>
</tr>
<tr>
<td>KSM 1523 Care and Prevention of Athletic Injuries and Lab</td>
<td>3</td>
</tr>
<tr>
<td>KSM 1613 First Aid/CPR and Safety and Lab</td>
<td>3</td>
</tr>
<tr>
<td>KSM 1713 Foundations of Kinesiology and Sport Management</td>
<td>3</td>
</tr>
<tr>
<td>KSM 2512 Team and Lifetime Sports I</td>
<td>2</td>
</tr>
<tr>
<td>KSM 2522 Team and Lifetime Sports II</td>
<td>2</td>
</tr>
<tr>
<td>KSM 2531 Officiating</td>
<td>1</td>
</tr>
<tr>
<td>KSM 2623 Structural Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3512 Coaching</td>
<td>2</td>
</tr>
<tr>
<td>KSM 3543 Methods in Secondary Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4713 Organization, Leadership, and Management of KSM</td>
<td>3</td>
</tr>
<tr>
<td>Total kinesiology credits</td>
<td>28</td>
</tr>
</tbody>
</table>

# This concentration is designed to meet the requirements for state teacher certification.
## Computer Science (CS) Major

The Computer Science major prepares students for a career in software development or for further study at the graduate level.

### Program Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Computer Science Courses</strong></td>
<td></td>
</tr>
<tr>
<td>CSNE 2443</td>
<td>Introduction to Computer Science I</td>
</tr>
<tr>
<td>CSNE 2543</td>
<td>Introduction to Computer Science II</td>
</tr>
<tr>
<td>CSNE 2713</td>
<td>Network Technologies</td>
</tr>
<tr>
<td>CSNE 2923</td>
<td>Data Structures</td>
</tr>
<tr>
<td>CSNE 3213</td>
<td>Computer Architecture</td>
</tr>
<tr>
<td>CSNE 4233</td>
<td>Operating Systems</td>
</tr>
<tr>
<td>CSNE 4243</td>
<td>Database Systems</td>
</tr>
<tr>
<td>CSNE 4313</td>
<td>Algorithm Analysis</td>
</tr>
<tr>
<td>CSNE 4323</td>
<td>Software Engineering</td>
</tr>
<tr>
<td>CSNE 4443</td>
<td>Computer Science Practicum</td>
</tr>
<tr>
<td><strong>Total required course credits</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

### Electives *

*(choose from the following list for a total of 15 credits)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Three-credit Courses</strong></td>
<td></td>
</tr>
<tr>
<td>CSNE 3193</td>
<td>Seminar: Program Languages</td>
</tr>
<tr>
<td>CSNE 3943</td>
<td>Computer Graphics</td>
</tr>
<tr>
<td>CSNE 3953</td>
<td>Object-Oriented Analysis and Design</td>
</tr>
<tr>
<td>CSNE 4183</td>
<td>Computer Science Seminar</td>
</tr>
<tr>
<td>CSNE 4513</td>
<td>Machine Learning</td>
</tr>
<tr>
<td>CSNE 4533</td>
<td>Artificial Intelligence</td>
</tr>
<tr>
<td>MATH 3013</td>
<td>Discrete Math</td>
</tr>
<tr>
<td>MATH 3133</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td>MATH 3143</td>
<td>Probability and Stat I</td>
</tr>
<tr>
<td><strong>Four-credit Courses</strong></td>
<td></td>
</tr>
<tr>
<td>MATH 3153</td>
<td>Probability and Stat II</td>
</tr>
<tr>
<td>PHYS 2114</td>
<td>General Physics I for Scientists and Engineers</td>
</tr>
<tr>
<td>PHYS 2214</td>
<td>General Physics II for Scientists and Engineers</td>
</tr>
<tr>
<td><strong>Total elective credits</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

**Total credits for CSNE major**

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>45</strong></td>
</tr>
</tbody>
</table>

*No more than nine credits from non-CSNE courses can be used toward the 15 credits of electives.*
Communication and Cultural Studies

**Disciplinary Major for B.A. Degree**

A 45-credit major with courses selected from the Departments of Speech Communication, English and/or Modern Languages is known as a communication and cultural studies disciplinary major. Six credits of foreign language are also required. Courses for this program must be approved by the academic advisor, department chair, or the Office of Academic Affairs.

**A.A. Program Course Requirements**

Students enrolling in an A.A. degree program must fulfill the regular requirements for admission to SNU. To complete this degree, the student must complete 62 credits of college work and maintain a cumulative GPA of 2.00. Thirty credits must be completed in residence and a minimum of 15 residence credits must be completed at the sophomore level or above. No more than nine credits of upper division credits 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.

### Course Credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education</strong></td>
<td></td>
</tr>
<tr>
<td>Any MATH course</td>
<td>3</td>
</tr>
</tbody>
</table>
| ENGL 1113  
Composition I: Exposition | 3 |
| ENGL 1213  
Composition II: Argumentation | 3 |
| SP C 1133  
Introduction to Speech Communication | 3 |
| Any natural science course | 3 |
| Any history or government course | 3 |
| B LT 1113  
Introduction to Biblical Literature | 3 |
| HP 2013 or HP 2023  
Introduction to World Civilizations I or II | 3 |
| Electives | 6 |
| **Total General Education credits** | 30 |

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Concentration in Communication and Cultural Studies</strong></td>
<td></td>
</tr>
</tbody>
</table>
| C W 2313  
Newswriting | 3 |
| C W 2813  
Introduction to Creative Writing | 3 |
| C W 2833  
Introduction to Poetry and Poetics | 3 |
| C W 3133  
Writing for Christian Publications | 3 |
| C W 3313  
Magazine Writing | 3 |
| MCOM courses ([select credits from 1000-2000 level courses](#)) | 9 |
| Cognate area(s) | |
| (1000-2000 level courses in literature, PHIL, modern languages, PSY, or SOC) | 8 |
| **Total concentration credits** | 32 |

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total program credits</strong></td>
<td>62</td>
</tr>
</tbody>
</table>
Communication and Cultural Studies

**Disciplinary Major for B.A. Degree**

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<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education</strong></td>
<td></td>
</tr>
<tr>
<td>Any MATH course</td>
<td>3</td>
</tr>
<tr>
<td><strong>ENGL 1113</strong> Composition I: Exposition</td>
<td>3</td>
</tr>
<tr>
<td><strong>ENGL 1213</strong> Composition II: Argumentation</td>
<td>3</td>
</tr>
<tr>
<td><strong>SP C 1133</strong> Introduction to Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>Any natural science course</td>
<td>3</td>
</tr>
<tr>
<td>Any history or government course</td>
<td>3</td>
</tr>
<tr>
<td><strong>B LT 1113</strong> Introduction to Biblical Literature</td>
<td>3</td>
</tr>
<tr>
<td><strong>HP 2013</strong> or <strong>HP 2023</strong> Introduction to World Civilizations I or II</td>
<td>3</td>
</tr>
<tr>
<td>Electives</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total General Education credits</strong></td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Concentration in Communication and Cultural Studies</strong></td>
<td></td>
</tr>
<tr>
<td><strong>C W 2313</strong> Newswriting</td>
<td>3</td>
</tr>
<tr>
<td><strong>C W 2813</strong> Introduction to Creative Writing</td>
<td>3</td>
</tr>
<tr>
<td><strong>C W 2833</strong> Introduction to Poetry and Poetics</td>
<td>3</td>
</tr>
<tr>
<td><strong>C W 3133</strong> Writing for Christian Publications</td>
<td>3</td>
</tr>
<tr>
<td><strong>C W 3313</strong> Magazine Writing</td>
<td>3</td>
</tr>
<tr>
<td><strong>MCOM courses (select credits from 1000-2000 level courses)</strong></td>
<td>9</td>
</tr>
<tr>
<td>Cognate area(s)</td>
<td>8</td>
</tr>
<tr>
<td>(1000-2000 level courses in literature, PHIL, modern languages, PSY, or SOC)</td>
<td></td>
</tr>
<tr>
<td><strong>Total concentration credits</strong></td>
<td>32</td>
</tr>
</tbody>
</table>

**Total program credits** 62
Minor in Creative Writing

Eighteen credits in creative writing, including Introduction to Creative Writing (C W 2813 / ENGL 2813), are required. Courses must be selected in consultation with the department chair.
Criminal Justice

Students majoring in criminal justice will begin their coursework advising with faculty in the Department of Sociology. A student will take preparatory courses for the first two years to fulfill the General Education requirements of SNU. At the end of this general study, a student will earn an Associate of Arts in General Studies degree. At that point, typically in the third year of study, the student will enter the Criminal Justice major, an accelerated degree program in which courses are offered in five week modules that meet one evening each week. Upon successful completion of the Criminal Justice major a student will earn a Bachelor of Science degree in Criminal Justice.
General Education for Teacher Education

The General Education requirement is essentially the same in all Teacher Education programs. In some certificate programs, a limited number of credit credits in General Education may be counted in the area of specialization when approved by the Teacher Education Council. Detailed outlines of the General Education requirements for all degrees are given in the section of the catalog devoted to degree requirements.

Professional and specialization requirements are printed in the Teacher Education Handbook.
Teacher Education

Teacher Education is one of the leading undergraduate programs at SNU. 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.

Certificate Programs

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

- Early childhood (pre-kindergarten through grade 3)
- Elementary education (grades 1-8)
- 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

Detailed academic requirements for these certificate programs are listed in the Teacher Education Handbook available through the School of Education.

The above programs are available to meet the academic course work requirements of the following classes of certificates.

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 credits in the major or a related field. Consult the State Department of Education for alternative methods of meeting requirements.

One-year License

All students completing programs will apply for the one-year license. A recommendation from the Office of Teacher Education verifies completion of an approved program certification at the appropriate level and is based on the academic preparation, the passing of the state teacher certification tests, and the successful completion of the entry year program as a licensed teacher. If planning to teach outside of Oklahoma, the student should consult with the Department of Education of that state.
Other Teacher Education Program Information

- Admission to Teacher Education Program
- Admission to Professional Semester
- Certificate Check Sheet
- Teaching License / Standard Teaching Certificate
- General Education for Teacher Education
**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 any 4000-level professional education courses. Applications may be made any time after completion of 24 credits. However, all applications should be completed before the beginning of the junior year.

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 SNU
- Completion of Introduction to Education (ED 2111) including all observation hours.
- Successful completion of a minimum of 24 credits.
- Enrollment in Foundations of Education (ED 2162).
- Minimum cumulative GPA of 2.50.
- Pass the OGET (Oklahoma General Education Test).
- A grade of "C" or better in a basic speech communication course.
- Satisfactory completion of an interview with the admissions committee.
- 24 hours of field experience completed.
- Completion or current enrollment in Composition I: Exposition (ENG 1113).
- Completion or current enrollment in Composition II: Argumentation (ENG 1213).
- Completion or current enrollment in a mathematics course.
- Demonstration of a positive interest in teaching by prior experiences and activities as shown on the Interview Guide and the Evaluation by Cooperating Teacher of Field Observation.
Teacher Education 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 an intensive teaching experience. The student must plan and expect to devote the full school day, Monday through Friday, to coursework and laboratory experiences and additional time to cocurricular 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 spring semester preceding the year in which the student plans to take the professional sequence of coursework. This application is separate from the application for Admission to Teacher Education and approval is contingent 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 credits.
- 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 a teacher candidate is approved for student teaching. The Teacher Education Council is responsible for the implementation of the above criteria.
Teacher Education 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 SNU. 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 credits required for graduation.
Teaching License / Standard Teaching Certificate

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

- Completion of an approved certificate program in an institution approved for Teacher Education.

- Graduation from an accredited college with a bachelor's degree.

- Passing the state teacher certification test(s) when required.

- 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.

- Meet any statutory requirements of the state. The curricular requirements for the certificate programs are divided into three areas: General Education, professional education, and specialization.

- Meet foreign language requirement.
Education-B.S. Degree

All programs in early childhood, elementary, and secondary degrees follow the certificate program guidelines outlined at Teacher Education. 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 coursework must be completed in both specialization and professional education.
B.S. Degree in Education-Liberal Studies

This degree is for an individual who:
- is interested in a broad liberal arts education
- may have started a teacher education program but discovers an incompatibility with the expectations of the teaching profession
- has needs in parenting and family relationships
- has interest in church or business responsibilities and desires to combine these areas with education, or
- may not have a clear vocational goal
- is not seeking a standard teaching certificate

Program Course Requirements

1. Complete 24 credits selected from the following courses:
   - **ED 2111** *Introduction to Education*
   - **ED 2173 / PSY 2173** *Psychology of Children / Youth*
   - **ED or PSY** A guidance and / or counseling course
   - **ED 2162** *Foundations of Education*
   - **ED 3122** Learning and Evaluation
   - **ED 3222** Child Development
   - **ED 4142** Survey of Exceptional Child
   - **ED 3562** Health, Safety, Nutrition, and PE
   - **ED 4534** Middle School Curriculum and Design
   - **ED 4522** Characteristics of Early Adolescents
   - **ED 4553** *Child and Social Systems*
   - **ED 3512** Social Studies in Elementary School
   - **ED 3692** Motor Skill Development / Creative Arts
   - **ED 3422** Primary Literature / Language Arts
   - **ED 3464** Elementary Literature / Language Arts
   - **ED 3633** Child Guidance: Theory and Practice
   - **ED 2142** *Educational Technology*
   - **PSY 3133** Human Development
   - **ED 3432** Music / Art
   - **ED 3442** Primary Math / Science
   - **ED 3452 / ED 3453** Intermediate Math / Science
   - **ED 4483 / ED 4484** Cognitive Development
   - **ED 3323** Developmental Reading / Practicum

   *Required courses.*

2. Complete a total of 36 credits (no more than six credits may be counted in the General Education requirement) in three of the following areas. At least 15 credits must be completed in one area with no less than six credits in each of the three:
   - Language arts / humanities (speech communication, English)
   - Fine arts (art and music)
   - Social and behavioral sciences (sociology, psychology)
   - Science and mathematics
3. Complete electives to make a minimum of 124 credits.
4. Complete 40 upper division credits.

*Note: the student must submit a supplementary statement of non-teacher certification and the intention of pursuing a career outside of public school teaching.*
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>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 1113</td>
<td>American Federal Government</td>
</tr>
<tr>
<td>HP 1483</td>
<td>U.S. History I</td>
</tr>
<tr>
<td>HP 1493</td>
<td>U.S. History II</td>
</tr>
<tr>
<td>HP 2013</td>
<td>World Civilizations I *</td>
</tr>
<tr>
<td>HP 2023</td>
<td>World Civilizations II *</td>
</tr>
<tr>
<td>HP 2113</td>
<td>Historical Methods</td>
</tr>
<tr>
<td>HP 2503</td>
<td>World Regional Geography</td>
</tr>
<tr>
<td>PSY 1113</td>
<td>General Psychology</td>
</tr>
<tr>
<td>SOC 1113</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>ECO 2113 or ECO 2123</td>
<td>Macroeconomics or Microeconomics</td>
</tr>
<tr>
<td>Sociology elective</td>
<td></td>
</tr>
<tr>
<td>History electives</td>
<td></td>
</tr>
<tr>
<td>Total program credits</td>
<td></td>
</tr>
</tbody>
</table>
English 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.
# English CORE

Required for all English programs.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENGL 2213</strong></td>
<td>Research and Argumentative Writing</td>
</tr>
<tr>
<td><strong>ENGL 2833</strong></td>
<td>Introduction to Poetry and Poetics</td>
</tr>
<tr>
<td><strong>ENGL 2933</strong></td>
<td>Foundations for English Studies</td>
</tr>
<tr>
<td><strong>ENGL 3043</strong></td>
<td>Survey of American Literature I</td>
</tr>
<tr>
<td><strong>ENGL 3053</strong></td>
<td>Survey of American Literature II</td>
</tr>
<tr>
<td><strong>ENGL 3163</strong></td>
<td>Survey of British Literature I</td>
</tr>
<tr>
<td><strong>ENGL 3173</strong></td>
<td>Survey of British Literature II</td>
</tr>
<tr>
<td><strong>ENGL 3323</strong></td>
<td>Survey of World Literature</td>
</tr>
<tr>
<td><strong>ENGL 4103</strong></td>
<td>Advanced English Grammar</td>
</tr>
<tr>
<td><strong>ENGL 4203</strong> or</td>
<td>Writing for Digital Media or</td>
</tr>
<tr>
<td><strong>ENGL 4273</strong> or</td>
<td>Technical Communications or</td>
</tr>
<tr>
<td><strong>ENGL 4283</strong></td>
<td>History of the English Language</td>
</tr>
<tr>
<td><strong>ENGL 4293</strong></td>
<td>Contemporary Literary Theory</td>
</tr>
<tr>
<td><strong>ENGL 4901</strong></td>
<td>Advanced Academic Writing</td>
</tr>
<tr>
<td><strong>ENGL 4931</strong></td>
<td>Communication Arts Colloquium</td>
</tr>
</tbody>
</table>

**Total CORE credits** | **38** |
English Majors

Two options are available when pursuing a major in English. The first option is a 62-credit 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 areas: language / TESL, literature and writing. These options are designed for those interested in graduate study, teaching, writing, or cross-cultural ministry careers. All options include the 38-credit English CORE.

**Major Course Requirements** (Option 1)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English CORE</td>
<td>38</td>
</tr>
<tr>
<td>English (ENGL) electives above the freshman level</td>
<td>6</td>
</tr>
<tr>
<td>An approved minor from another discipline</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total major credits</strong></td>
<td><strong>62</strong></td>
</tr>
</tbody>
</table>

**Major with Concentration Course Requirements** (Option 2)

Language / TESL Concentration  
(recommended for public school teachers, those preparing for graduate school in linguistics, or those interested in cross-cultural ministry).

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English CORE</td>
<td>38</td>
</tr>
<tr>
<td><strong>Required</strong></td>
<td></td>
</tr>
<tr>
<td>ENGL 2123 Teaching ESL I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3123 Teaching ESL II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4273 Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4283 History of the English Language</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total required credits</strong></td>
<td><strong>12</strong></td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td></td>
</tr>
<tr>
<td>Multicultural electives (choose two three-credit courses from the list below):</td>
<td></td>
</tr>
<tr>
<td>MISS 2113 Introduction to Missions</td>
<td></td>
</tr>
<tr>
<td>MISS 4183 Cultural Anthropology</td>
<td></td>
</tr>
<tr>
<td>SP C 4233 Intercultural Communication</td>
<td></td>
</tr>
<tr>
<td>MGT 4173 International Management</td>
<td></td>
</tr>
<tr>
<td><strong>Total elective credits</strong></td>
<td><strong>6</strong></td>
</tr>
<tr>
<td><strong>Total language / TESL concentration credits</strong></td>
<td><strong>56</strong></td>
</tr>
</tbody>
</table>
## Literature Concentration
*(recommended for those preparing for graduate school)*

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English CORE</td>
<td>38</td>
</tr>
<tr>
<td>ENGL 3223 Mythology</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4113 Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>One genre course</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4001-2 Senior Thesis</td>
<td>1-2</td>
</tr>
<tr>
<td>Electives in literature</td>
<td>10-11</td>
</tr>
</tbody>
</table>

**Total literature concentration credits** 58-60

## Writing Concentration

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English CORE</td>
<td>38</td>
</tr>
<tr>
<td>MCOM 2313 Newswriting</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 2813 Introduction to Creative Writing</td>
<td>3</td>
</tr>
<tr>
<td>Choose one of the following three-credit courses:</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3133 Writing for Christian Publications</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3313 Magazine Writing</td>
<td></td>
</tr>
<tr>
<td>ENGL 4833 Roundtable</td>
<td></td>
</tr>
<tr>
<td>Electives in English or MCOM</td>
<td>9</td>
</tr>
</tbody>
</table>

**Total writing concentration credits** 56
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:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology CORE</td>
<td>19</td>
</tr>
<tr>
<td>* Field biology courses</td>
<td>25</td>
</tr>
<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 3114 Organic Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>Physics electives</td>
<td>4-8</td>
</tr>
<tr>
<td>Mathematics elective (numbered above 2000)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total program credits</strong></td>
<td><strong>63-67</strong></td>
</tr>
</tbody>
</table>

* The field biology courses must include two tropical field courses at the SNU Quetzal Educational Research Center (QERC). Tropical field courses are taught throughout the country of Costa Rica, but centered at the QERC. The student will spend at least six weeks (May and June) at the SNU QERC in Costa Rica. The student is encouraged to begin planning well in advance for the financial arrangements of the program. The SNU Catalyst alumni organization typically aids in supporting the research of students while at the SNU QERC.
Equine Business: Multidisciplinary Major

Students completing the equine business requirements will earn a Bachelor of Science degree. SNU's 117-acre range, five minutes from the Bethany campus, is the location where equine business students will be able to obtain valuable, practical experience in ranch management, accounting, purchasing and selling breeding materials, facility coordination, rehabilitation services, camp and class teaching and organization, and the basic foundational task (cleaning the stalls) required to operate and/or own a ranch enterprise. Equine courses taken at Redlands Community College (RCC), 30 miles west of the SNU Bethany campus, that correspond with SNU equine courses will transfer as SNU course credit. Refer to departmental Program Planning Form, UNIVISOR, and/or Suggested Four-year Course Schedule for detailed graduation requirements.

Program Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Kinesiology</strong></td>
<td></td>
</tr>
<tr>
<td>PEG 3301</td>
<td>Advanced Horsemanship **</td>
</tr>
<tr>
<td>KSM 3723</td>
<td>Sports Marketing and Promotions 3</td>
</tr>
<tr>
<td>KSM 4713</td>
<td>Organization, Leadership, and Management of KSM 3</td>
</tr>
<tr>
<td>KSM 4723</td>
<td>Sport Facilities Management 3</td>
</tr>
<tr>
<td>KSM 4766</td>
<td>Internship I 6</td>
</tr>
<tr>
<td><strong>Total kinesiology credits</strong></td>
<td>15</td>
</tr>
<tr>
<td><strong>Business</strong></td>
<td></td>
</tr>
<tr>
<td>BADM 1113</td>
<td>Ethics and Business Principles 3</td>
</tr>
<tr>
<td>ACC 2113</td>
<td>Principles of Accounting I 3</td>
</tr>
<tr>
<td>ACC 2123 or</td>
<td>Principles of Accounting II or</td>
</tr>
<tr>
<td>ACC 3163</td>
<td>Managerial Accounting 3</td>
</tr>
<tr>
<td>FIN 3103</td>
<td>Business Finance 3</td>
</tr>
<tr>
<td><strong>Business elective (choose one of the following three-credit courses)</strong></td>
<td></td>
</tr>
<tr>
<td>MGT 3113</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>MKT 3113</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>BADM 3113</td>
<td>Business Law I</td>
</tr>
<tr>
<td>MGT 3133</td>
<td>Small Business Management</td>
</tr>
<tr>
<td><strong>Total business credits</strong></td>
<td>15</td>
</tr>
<tr>
<td><strong>Equine Management</strong></td>
<td></td>
</tr>
<tr>
<td>CSNE 1113 or</td>
<td>Integrated Systems Application (SNU) or **</td>
</tr>
<tr>
<td>ANSI 2123</td>
<td>Microcomputers in Agriculture (RCC)</td>
</tr>
<tr>
<td><em>EQBU courses</em> (SNU) or <em>AGEQ courses</em> (RCC) to total 29 credits</td>
<td></td>
</tr>
<tr>
<td><strong>Total equine management credits</strong></td>
<td>29</td>
</tr>
<tr>
<td><strong>Total credits for equine business program</strong></td>
<td>59</td>
</tr>
</tbody>
</table>

* Courses offered at SNU on a rotation basis.
Courses offered at RCC and transferred as corresponding EQBU course at SNU.

** Credits are counted toward General Education requirements.
Exercise Science

The objective of this program is to prepare the student for a career related to health, fitness/wellness in schools, hospitals, medical clinics, community and private fitness centers. The American College of Sports Medicine (ACSM) offers a number of certifications: Personal Trainer, Health/Fitness Instructor (HFI), Exercise Specialist (ES), and Registered Clinical Exercise Physiologist (RCEP). Refer to www.lww.com.acsmcre for ACSM prerequisites and application materials. The National Strength and Conditioning Association (NSCA) certifies individuals as a Certified Personal Trainer (NSCA-CPT) and/or Certified Strength and Conditioning Specialist (CSCS). These certifications may require additional course prerequisites, workshops, clinical rotations and/or graduate education. Refer to departmental Program Planning Form, UNIVISOR, and/or Suggested Four-year Course Schedule for detailed graduation requirements.

Major Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Exercise Science CORE</strong></td>
<td></td>
</tr>
<tr>
<td>BIOL 2224 Human Anatomy and Lab</td>
<td>**</td>
</tr>
<tr>
<td>BIOL 2234 Human Physiology and Lab</td>
<td>**</td>
</tr>
<tr>
<td>KSM 4693 Biomechanics and Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1124 General Chemistry I and Lab</td>
<td>4</td>
</tr>
<tr>
<td>CSNE 1113 Integrated Software Applications</td>
<td>**</td>
</tr>
<tr>
<td>KSM 3613 Exercise Physiology</td>
<td>**</td>
</tr>
<tr>
<td>KSM 1523 Care and Prevention of Athletic Injuries and Lab</td>
<td>3</td>
</tr>
<tr>
<td>KSM 1613 First Aid/CPR and Safety and Lab</td>
<td>3</td>
</tr>
<tr>
<td>KSM 2613 Personal and Community Health</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1513 or PHYS 1114 General Physics I (Trigonometry recommended)</td>
<td>**</td>
</tr>
<tr>
<td>KSM 4523 Motor Learning</td>
<td>3</td>
</tr>
<tr>
<td>NURS 3103 Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>PEG 1011 Aerobic Exercise I</td>
<td>1</td>
</tr>
<tr>
<td>PEG 1031 Water Aerobics I</td>
<td>1</td>
</tr>
<tr>
<td>KSM 1511 Teaching and Performance of Weight Training</td>
<td>**</td>
</tr>
<tr>
<td>PSY 1113 General Psychology</td>
<td>**</td>
</tr>
<tr>
<td>KSM 4533 Research Measurement and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total exercise science CORE credits</strong></td>
<td>27</td>
</tr>
</tbody>
</table>

Additional Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSM 1713 Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 2512 Team and Lifetime Sports I</td>
<td>2</td>
</tr>
<tr>
<td>KSM 2522 Team and 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 and Promotions</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4713 Organization, Leadership, and Management of KSM</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4723 Sport Facilities Management</td>
<td>3</td>
</tr>
</tbody>
</table>
KSM 4766  Internship I  6

Total additional credits  25

Total program credits  52

**Exercise Science A. A. Degree Area of Concentration**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEG 1001</td>
<td>Lifetime Wellness **</td>
</tr>
<tr>
<td>PEG 1011</td>
<td>Aerobic Exercise I 1</td>
</tr>
<tr>
<td>PEG 1031</td>
<td>Water Aerobics I 1</td>
</tr>
<tr>
<td>BIOL 1113</td>
<td>Introduction to Biological Science **</td>
</tr>
<tr>
<td>KSM 1511</td>
<td>Teaching and Performance of Weight Training **</td>
</tr>
<tr>
<td>KSM 1523</td>
<td>Care and Prevention of Athletic Injuries and Lab 3</td>
</tr>
<tr>
<td>KSM 1613</td>
<td>First Aid/CPR and Safety and Lab 3</td>
</tr>
<tr>
<td>KSM 1713</td>
<td>Foundations of Kinesiology and Sport Management 3</td>
</tr>
<tr>
<td>KSM 2613</td>
<td>Personal and Community Health 3</td>
</tr>
<tr>
<td>KSM 2623</td>
<td>Structural Kinesiology 3</td>
</tr>
<tr>
<td>KSM 2653</td>
<td>Introduction to Health Psychology 3</td>
</tr>
<tr>
<td>KSM 3613</td>
<td>Exercise Physiology 3</td>
</tr>
<tr>
<td>NURS 3103</td>
<td>Nutrition 3</td>
</tr>
<tr>
<td>KSM 4533</td>
<td>Research Measurement and Evaluation 3</td>
</tr>
</tbody>
</table>

Total program credits  29

** Credits are counted toward General Education requirement.**
Finance

Courses

The basic business CORE

Credits 42

Required Courses in Finance

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIN 3133</td>
<td>Investments</td>
<td>3</td>
</tr>
<tr>
<td>FIN 3143</td>
<td>Real Estate</td>
<td>3</td>
</tr>
<tr>
<td>FIN 4123</td>
<td>Money and Banking</td>
<td>3</td>
</tr>
<tr>
<td>FIN 4153</td>
<td>International Finance</td>
<td>3</td>
</tr>
</tbody>
</table>

Total required course credits 12

Required Electives (choose six credits from the following):

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 3113</td>
<td>Intermediate Accounting I</td>
</tr>
<tr>
<td>ACC 3123</td>
<td>Intermediate Accounting II</td>
</tr>
<tr>
<td>ACC 3153</td>
<td>Income Tax for Individuals</td>
</tr>
<tr>
<td>ACC 4153</td>
<td>Income Tax for Business and Fiduciary Entities</td>
</tr>
<tr>
<td>FIN 4113</td>
<td>Principles of Insurance</td>
</tr>
<tr>
<td>FIN 4181-3</td>
<td>Internship</td>
</tr>
<tr>
<td>MGT 3133</td>
<td>Small Business Management</td>
</tr>
<tr>
<td>STAT 3143</td>
<td>Statistical Methods</td>
</tr>
</tbody>
</table>

Total required elective credits 6

Total required finance major credits 60
French Minor

A total of 18 credits including six credits of upper division courses is required for a minor in French.
## Associate of Arts in General Studies

### General Education Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSNE 1113</td>
<td>Integrated Software Applications 3</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Math Concepts 3</td>
</tr>
<tr>
<td>ENGL 1113</td>
<td>Composition I: Exposition 3</td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II: Argumentation 3</td>
</tr>
<tr>
<td>SP C 1133</td>
<td>Introduction to Speech Communication 3</td>
</tr>
<tr>
<td>BLT 1163</td>
<td>Introduction to Biblical Literature 3</td>
</tr>
<tr>
<td>THEO 2233</td>
<td>Introduction to Christian Thought 3</td>
</tr>
<tr>
<td>PEG 1002</td>
<td>Lifetime Wellness and Activity Course 2</td>
</tr>
</tbody>
</table>

One natural science course (biology, chemistry, physics) 3
One citizenship course (history, government) 3
One humanities course (fine arts, literature, philosophy, civilizations) 3

**General Education credits** 32

### Areas of Concentration

A minimum of 30 credits is required in the area of concentration. Of these 30 credits, a minimum of 18 (including General Education courses, if applicable) should be from one disciplinary area. The 12 additional credits 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.
Geography Minor

The 18-credit 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 used by majors in social studies education as a more substantial component of their preparation to teach social studies.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 1213 Physical Geography</td>
<td>3</td>
</tr>
<tr>
<td>HP 2503 World Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>One of the following three-credit electives:</td>
<td>3</td>
</tr>
<tr>
<td>HP 4303 Topics in American History: Environmental History</td>
<td></td>
</tr>
<tr>
<td>HP 3113 Geographical Information Systems (GIS) *</td>
<td></td>
</tr>
<tr>
<td>Cartography related course</td>
<td>3</td>
</tr>
<tr>
<td>A regional area study courses</td>
<td>3</td>
</tr>
<tr>
<td>(e.g. Modern Latin America, Modern East Asia, or Modern Europe)</td>
<td></td>
</tr>
<tr>
<td>Field studies in geography</td>
<td>9</td>
</tr>
<tr>
<td>Total minor credits</td>
<td>18</td>
</tr>
</tbody>
</table>

* For the GIS courses, students may be directed to off-campus locations where such courses are offered. While such courses are offered at the University of Oklahoma, a student may elect to take the course on-line through Earth Resources Surveys Inc. (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.
**Department of Art and Design (ART, GDSG)**

**Departmental Objectives**

- To provide a vocabulary of fundamental design principles through experimentation.
- To balance classroom learning with practical design applications.
- To broaden students' views and expand their abilities to conceptualize and formulate ideas.
- To foster a personal approach to conceptual problem solving processes by enforcing critical, analytical and perceptual skills.
- To strengthen students with qualities that will prepare them to facilitate ideas confidently in formal or informal settings.

**Graphic Design Major**

A major in Graphic Design consists of a combination of art and graphic design courses that total 48 credits.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1113</td>
<td>Drawing I</td>
</tr>
<tr>
<td>ART 1213</td>
<td>Design I</td>
</tr>
<tr>
<td>ART 1223</td>
<td>Design II</td>
</tr>
<tr>
<td>ART 2013</td>
<td>History of Art and Design</td>
</tr>
<tr>
<td>ART 2113</td>
<td>Color Visual Language</td>
</tr>
<tr>
<td>ART 2413</td>
<td>Vector and Raster Fundamentals I</td>
</tr>
<tr>
<td>ART 2423</td>
<td>Vector and Raster Fundamentals II</td>
</tr>
<tr>
<td>GDSG 2433</td>
<td>Typography</td>
</tr>
<tr>
<td>GDSG 3423</td>
<td>Corporate Identity</td>
</tr>
<tr>
<td>GDSG 3433</td>
<td>Digital Imaging</td>
</tr>
<tr>
<td>GDSG 4413</td>
<td>Information Design</td>
</tr>
<tr>
<td>GDSG 4431-3</td>
<td>Professional Practice</td>
</tr>
<tr>
<td>GDSG 2113</td>
<td>Introduction to Web Design</td>
</tr>
<tr>
<td>MCOM 4203</td>
<td>Writing for Digital Media</td>
</tr>
<tr>
<td>Art / Graphic Design electives</td>
<td>6-8</td>
</tr>
<tr>
<td><strong>Total major credits</strong></td>
<td><strong>48</strong></td>
</tr>
</tbody>
</table>

**Art Minor**

An 18-credit minor in Art is offered through the Department of Art and Design.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1113</td>
<td>Drawing I</td>
</tr>
<tr>
<td>ART 1213</td>
<td>Design I</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Name</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>ART 1223</td>
<td>Design II</td>
</tr>
<tr>
<td>ART 2113</td>
<td>Color Visual Language</td>
</tr>
<tr>
<td></td>
<td>Art electives (must be above 1000-level)</td>
</tr>
<tr>
<td><strong>Total minor credits</strong></td>
<td></td>
</tr>
</tbody>
</table>
## History Track

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</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 2013 World Civilizations I *</td>
<td>3</td>
</tr>
<tr>
<td>HP 2023 World Civilizations II *</td>
<td>3</td>
</tr>
<tr>
<td>HP 2113 Historical Methods</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 four credits total)</td>
<td>4</td>
</tr>
</tbody>
</table>

**Electives (as specified by the department)**

**Total track credits**

24

46

As part of their elective credits, qualified students may elect to take advantage of one of the opportunities afforded by SNU’s participation in [CCCU study abroad programs](https://serak.snu.edu/catalog/Catalogext.asp?PageID=381&PF=y&Catalo...) through which students may earn up to 16 credits for a semester study abroad experience.

* One section of World Civilizations is required for [General Education CORE](https://serak.snu.edu/catalog/Catalogext.asp?PageID=381&PF=y&Catalo...).
Human Relations (HR)

The Human Relations concentration is a structured, 60-credit 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.

Program Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1113 or General Psychology I or</td>
<td></td>
</tr>
<tr>
<td>PSY 1213 General Psychology II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3113 Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3133 Human Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3203 Industrial/Organizational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4103 Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 2353 Interviewing Techniques</td>
<td>3</td>
</tr>
<tr>
<td>SOC 1113 Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 2113 Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3103 Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>SOC 4123 Sociology of the Family</td>
<td>3</td>
</tr>
<tr>
<td>SP C 4223 Group Interaction and Leadership</td>
<td>3</td>
</tr>
<tr>
<td>SP C 4213 Communication in Conflict Management</td>
<td>3</td>
</tr>
<tr>
<td>SP C 4133 Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>SP C 3463 Family Communication</td>
<td>3</td>
</tr>
<tr>
<td>SP C 4233 Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>SP C, PSY, OR SOC Colloquium</td>
<td></td>
</tr>
</tbody>
</table>

Total required credits: 47

Electives * in psychology, sociology, speech communication to total at least 13 credits:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 2102 Self Concept Development</td>
<td>2</td>
</tr>
<tr>
<td>PSY 4153 Personality Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4213 Principles of Counseling</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4263 Techniques of Counseling</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3153 Urban Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3213 Political and Social Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3433 Death and Dying</td>
<td>3</td>
</tr>
<tr>
<td>SOC 4143 Social Theory</td>
<td>3</td>
</tr>
<tr>
<td>SOC 4183 Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>SP C 2213 Introduction to Organizational Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Total elective credits: 13

Total program credits: 60

* Special studies (appropriate topics), internship, practicum, and study abroad courses are strongly recommended as electives.
International Studies Program (ISP)

This cross-disciplinary program is comprised of 60 credits of courses above the freshman level as specified by the department, including courses in political science, modern languages, business and a required semester of international experience.

This program offers a multidisciplinary B.A. degree in business, political science and modern language and is designed to serve a variety of vocational areas, such as international business, international nonprofit organizations, diplomacy, communications, travel, and international law.

CORE Requirements for All Majors

International Experience

In addition to the General Education requirements and the course requirements listed below, all ISP majors will be required to have the equivalent of a minimum of one semester of international experience which can be satisfied by participation in an international CCCU program or an approved ISP internship.

Language Proficiency

All ISP students must demonstrate proficiency at the intermediate level in a modern language other than English. Students whose native language is not English will be required to demonstrate proficiency in a modern language other than English or their native language. Proficiency can be demonstrated via the following:

1. Complete a sequence of courses with a grade average of "B" or higher in the same modern language through the level that would be equivalent to Intermediate Spanish II or Intermediate French II at SNU (12 credits).

2. Receive 12 credits in one modern language through the CLEP exam (equivalent to having completed language study through Intermediate II).

3. Receive 12 credits in one modern language by achieving an intermediate high level on the ACTFL Oral Proficiency Interview (OPI).

Additionally, ISP students must take and pass Hispanic Area Studies (SPAN_3423) or an equivalent course in a chosen modern language (three credits).

CORE Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 2113</td>
<td>Principles of Accounting I</td>
</tr>
<tr>
<td>ECO 2113</td>
<td>Macroeconomics</td>
</tr>
</tbody>
</table>
FIN 3103  Business Finance  3
MGT 3113  Principles of Management  3
MKT 2113  Principles of Marketing  3
Total business credits  15

Political Science
HP 2053  * World Regional Geography  3
HP 2123  Introduction to Political Science  3
HP 4113  International Relations  3
HP 4133  Comparative Politics  3
Plus one of the following:  3
HP 3433  Modern Europe
HP 3993  Modern Middle East
HP 4123  Modern East Asia
HP 4173  Modern Latin America
Total history, politics, and geography credits  15

* Must take this course in the sophomore year.

Specialization Requirements
Choose one of the following 15-credit tracks to complete the program.

Modern Language Tracks

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Spanish Track**</td>
<td></td>
</tr>
<tr>
<td>SP C 4233</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>SPAN 3423</td>
<td>Spanish Conversation and Composition</td>
</tr>
<tr>
<td>SPAN 3453</td>
<td>Commercial Spanish</td>
</tr>
<tr>
<td>SPAN 4233</td>
<td>Special Studies in Spanish: Advanced Topic in Business Spanish</td>
</tr>
<tr>
<td>SPAN 4473</td>
<td>Intensive Spanish Conversation and Composition</td>
</tr>
<tr>
<td>Total track credits</td>
<td>15</td>
</tr>
</tbody>
</table>

English as a Second Language Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP C 4233</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>ENGL 2123</td>
<td>Teaching ESL I</td>
</tr>
<tr>
<td>ENGL 3123</td>
<td>Teaching ESL II</td>
</tr>
<tr>
<td>ENGL 4103</td>
<td>Advanced English Grammar</td>
</tr>
<tr>
<td>ENGL 4273</td>
<td>Linguistics</td>
</tr>
<tr>
<td>Total track credits</td>
<td>15</td>
</tr>
</tbody>
</table>

Language and Culture Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP C 4233</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>ENGL 4273</td>
<td>Linguistics</td>
</tr>
</tbody>
</table>

Elective courses in selected language * and/or from the following three-credit courses for a total of nine credits:  9

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 3203</td>
<td>Special Studies: African-American Literature</td>
</tr>
</tbody>
</table>
ENGL 3323  Survey of World Literature
ENGL 3523  Latino Literature
HP 4173  Modern Latin America
MISS 4183  Cultural Anthropology
SOC 3103  Race and Ethnicity

Total track credits 15

* May need to be taken at another institution.

** Completing this sequence of courses and ISP internship would also qualify the student to receive the Certificate in Business Spanish.

### Political Science Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 3213</td>
<td>3</td>
</tr>
<tr>
<td>HP 4513</td>
<td>3</td>
</tr>
</tbody>
</table>

Nine credits from the remaining three area studies' three-credit courses

(not taken as part of the CORE requirement):

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 3433</td>
<td></td>
</tr>
<tr>
<td>HP 3933</td>
<td></td>
</tr>
<tr>
<td>HP 4123</td>
<td></td>
</tr>
<tr>
<td>HP 4173</td>
<td></td>
</tr>
</tbody>
</table>

Total track credits 15

### International Business Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 2123 or</td>
<td></td>
</tr>
<tr>
<td>ACC 3163</td>
<td>3</td>
</tr>
<tr>
<td>BADM 3133 or</td>
<td></td>
</tr>
<tr>
<td>BADM 3123</td>
<td>3</td>
</tr>
<tr>
<td>FIN 4153</td>
<td>3</td>
</tr>
<tr>
<td>MGT 4173 or</td>
<td></td>
</tr>
<tr>
<td>MKT 4163</td>
<td>3</td>
</tr>
<tr>
<td>MGT 4123</td>
<td>3</td>
</tr>
</tbody>
</table>

Total track credits 15

Total program credits 60
Kinesiology

The objective of this program is to fulfill the prerequisites required for admission to a professional program offering entry level master's or doctorate degrees in physical therapy, occupational therapy, physician assistant, 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 departmental Program Planning Form, UNIVISOR, and/or Suggested Four-year Course Schedule for detailed graduation requirements. An A.A. degree is also offered through the Department of Kinesiology.

Major Program Course Requirements

The following courses are the prerequisites offered at SNU for the University of Oklahoma Health Sciences Center (OUHSC) program in Oklahoma City, OK.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Kinesiology CORE</strong></td>
<td></td>
</tr>
<tr>
<td>PSY 1113  General Psychology</td>
<td>**</td>
</tr>
<tr>
<td>PHYS 1114 General Physics I and Lab</td>
<td>4</td>
</tr>
<tr>
<td>ZOO 1115 General Zoology and Lab</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 1124 General Chemistry I and Lab</td>
<td>**</td>
</tr>
<tr>
<td>MATH 1513 College Algebra</td>
<td>**</td>
</tr>
<tr>
<td>KSM 1511 Teaching and Performance of Weight Training</td>
<td>**</td>
</tr>
<tr>
<td>KSM 1624 Lower Extremity Injury Rec./Eval. of the Physical Active and Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 1713 Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2224 Human Anatomy and Lab</td>
<td>**</td>
</tr>
<tr>
<td>BIOL 2234 Human Physiology and Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 2664 Upper Extremity Injury Rec./Eval. of the Physical Active and Lab</td>
<td>4</td>
</tr>
<tr>
<td>PSY 3133 Human Development</td>
<td>3</td>
</tr>
<tr>
<td>STAT 3145 Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3613 Exercise Physiology</td>
<td>**</td>
</tr>
<tr>
<td>KSM 3624 Therapeutic Modalities and Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 4634 Therapeutic Physical Rehabilitation and Lab</td>
<td>4</td>
</tr>
<tr>
<td>KSM 4693 Biomechanics and Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4766 Internship I (<strong>270 clock hours required</strong>)</td>
<td>6</td>
</tr>
<tr>
<td>Elective Natural Science (biology, physics, or zoology course)</td>
<td>4</td>
</tr>
<tr>
<td>^ Foreign language proficiency</td>
<td>6</td>
</tr>
</tbody>
</table>

Total CORE credits 54

Additional Requirements

(subject to change according to OUHSC prerequisites)

Pre-physical Therapy (PT)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 1214 General Physics II and Lab</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Pre-PT program credits 58
<table>
<thead>
<tr>
<th>Pre-occupational Therapy (OT)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PSY 4153</strong> Psychology of Personality</td>
<td>3</td>
</tr>
<tr>
<td>Elective Natural Science (biology, physics or zoology course)</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total Pre-OT program credits</strong></td>
<td><strong>61</strong></td>
</tr>
</tbody>
</table>
## Management

**Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The basic business CORE</strong></td>
<td></td>
<td>42</td>
</tr>
</tbody>
</table>

### Required courses in Management

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 3123</td>
<td>Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 3133</td>
<td>Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 4163</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGT 4173</td>
<td>International Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total required course credits** 12

### Required Electives *(choose six credits from the following)*:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 4113</td>
<td>Management Information Systems</td>
</tr>
<tr>
<td>STAT 3143</td>
<td>Statistical Methods</td>
</tr>
<tr>
<td>ACC, FIN, MKT or CSNE electives</td>
<td></td>
</tr>
<tr>
<td>MGT 4181-3</td>
<td>Internship</td>
</tr>
</tbody>
</table>

**Total required elective credits** 6

**Total required management major credits** 60
Management Information Systems

This major is intended for those who want to enter the area of business information systems programming and systems analysis.

**Program Course Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CSNE Courses</strong></td>
<td></td>
</tr>
<tr>
<td>CSNE 2443</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Computer Science I</td>
<td></td>
</tr>
<tr>
<td>CSNE 2543</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Computer Science II</td>
<td></td>
</tr>
<tr>
<td>CSNE 2713</td>
<td>3</td>
</tr>
<tr>
<td>Network Technologies</td>
<td></td>
</tr>
<tr>
<td>CSNE 2923</td>
<td>3</td>
</tr>
<tr>
<td>Data Structures</td>
<td></td>
</tr>
<tr>
<td>CSNE 3193</td>
<td>3</td>
</tr>
<tr>
<td>Program Language</td>
<td></td>
</tr>
<tr>
<td>CSNE 3213</td>
<td>3</td>
</tr>
<tr>
<td>Computer Architecture</td>
<td></td>
</tr>
<tr>
<td>CSNE 4133</td>
<td>3</td>
</tr>
<tr>
<td>Management Information Systems</td>
<td></td>
</tr>
<tr>
<td>CSNE 4243</td>
<td>3</td>
</tr>
<tr>
<td>Database Systems</td>
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</tr>
<tr>
<td>CSNE 4323</td>
<td>3</td>
</tr>
<tr>
<td>Software Engineering</td>
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</tr>
<tr>
<td>CSNE network elective</td>
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</tr>
<tr>
<td>CSNE department elective</td>
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<td><strong>Total CSNE credits</strong></td>
<td>33</td>
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</table>

**Additional Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ACC 2113</td>
<td>3</td>
</tr>
<tr>
<td>Accounting I</td>
<td></td>
</tr>
<tr>
<td>ACC 2123</td>
<td>3</td>
</tr>
<tr>
<td>Accounting II</td>
<td></td>
</tr>
<tr>
<td>MGT 2113</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
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</tr>
<tr>
<td>MGT elective</td>
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</tr>
<tr>
<td>BADM 3113</td>
<td>3</td>
</tr>
<tr>
<td>Business Law I</td>
<td></td>
</tr>
<tr>
<td>BADM 3103</td>
<td>3</td>
</tr>
<tr>
<td>Business Communications</td>
<td></td>
</tr>
<tr>
<td>ECO 2123</td>
<td>3</td>
</tr>
<tr>
<td>Microeconomics</td>
<td></td>
</tr>
<tr>
<td>ECO 2113</td>
<td>3</td>
</tr>
<tr>
<td>Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>MKT 2113</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Marketing</td>
<td></td>
</tr>
<tr>
<td>STAT 3143</td>
<td>3</td>
</tr>
<tr>
<td>Statistics</td>
<td></td>
</tr>
<tr>
<td><strong>Total additional course credits</strong></td>
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</table>

**Total program credits** 63
# Marketing

## Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>The basic business core</td>
<td>42</td>
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</table>

## Required Courses in Marketing

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKT 3153</td>
<td>Promotional Strategies</td>
<td>3</td>
</tr>
<tr>
<td>MKT 3163</td>
<td>Consumer Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKT 4173</td>
<td>Strategic Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT 4163</td>
<td>International Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>

*Total required course credit 12*

## Required Electives *(choose six credits from the following)*:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKT 3123</td>
<td>Professional Sales</td>
</tr>
<tr>
<td>MKT 3133</td>
<td>Retailing</td>
</tr>
<tr>
<td>MKT 4133</td>
<td>Supply Chain Management</td>
</tr>
<tr>
<td>MKT 4181-3</td>
<td>Internship</td>
</tr>
<tr>
<td>MKT 4193</td>
<td>Marketing Research</td>
</tr>
<tr>
<td>MGT 3123</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>SP C 4343</td>
<td>Public Relations</td>
</tr>
<tr>
<td>STAT 3143</td>
<td>Statistical Methods</td>
</tr>
</tbody>
</table>

*Total required elective credits 6*

## Total required marketing major credits 60
Mass Communication *(MCOM)*

The Departments of *Speech Communication* and *English* provide joint supervision for the mass communication programs listed below.

**Departmental Mission and Objectives**

- To develop, within the liberal arts framework, a knowledge and understanding of the theoretical issues of mass communication.
- To develop within students an understanding of the societal role in communication through the media.
- To understand mass communication – print and electronic – as a part of the total complex of communication as process.
- To enable students to apply and interrelate the theoretical and the operational aspects of media communication.
- To develop an understanding of the complex issues of media communication ethics.
- 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.
- To develop basic skills in news writing, reporting, editing, graphics and consumerism in print and/or electronic media.
- To explore the various careers available in mass communication.

**Departmental Major for B.A. Degree**

A major in mass communication consists of 32 credits plus six (6) credits of a foreign language.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required</strong></td>
<td></td>
</tr>
<tr>
<td>MCOM 1213</td>
<td>Design I</td>
</tr>
<tr>
<td>MCOM 2313</td>
<td>Newswriting</td>
</tr>
<tr>
<td>MCOM 2323</td>
<td>Survey of Mass Communication</td>
</tr>
<tr>
<td>MCOM 2353</td>
<td>Interviewing Techniques</td>
</tr>
<tr>
<td>MCOM 2361</td>
<td>Practicum (any 2 credits)</td>
</tr>
<tr>
<td>MCOM 2371</td>
<td></td>
</tr>
<tr>
<td>MCOM 2381</td>
<td></td>
</tr>
<tr>
<td>MCOM 2393</td>
<td>Video Production</td>
</tr>
</tbody>
</table>
MCOM 3383 Desktop Publishing 3
MCOM 4103 Advanced English Grammar 3
MCOM 4371 Communication Arts Colloquium 1
Total required credits 24

Electives (eight credits selected from the following):
MCOM 2113 Web Design I
MCOM 2123 Web Design II
MCOM 2332 Photography
MTH 2513 or MBUS 2513 Introduction to Recording Engineering or Studio Recording I
MCOM 2813 Introduction to Creative Writing
MCOM 3133 Writing for Christian Publications
MCOM 3143 Technical Communications
MCOM 3153 Promotional Strategies
MCOM 3313 Magazine Writing
MCOM 3353 Advanced Video Production
MCOM 3363 Newspaper Editor Practicum
MCOM 3373 Yearbook Editor Practicum
MCOM 4203 Writing for Digital Media
MCOM 4323 Broadcast News
MCOM 4343 Public Relations
MCOM 4362-3 Special Studies (Advanced Photography, Film History / Criticism, etc.)
MCOM 4381-3 Internship
Total elective credits 8

Total program credits 32

**Minor in Mass Communication**

Eighteen semester credits in mass communication should be selected in consultation with the department chair of either the speech communication or English department. The minor must include the following:

**Course**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCOM 2313 or MCOM 2323</td>
<td>Newswriting or Survey of Mass Media 3</td>
</tr>
<tr>
<td>MCOM 2361</td>
<td>Practicum (any 2 credits) 2</td>
</tr>
<tr>
<td>MCOM 2371</td>
<td></td>
</tr>
<tr>
<td>MCOM 2381</td>
<td></td>
</tr>
</tbody>
</table>
Mathematics

Major Requirements

For a B.S. Degree, mathematics majors will:

- Complete the sequence of Calculus courses (MATH 2324, MATH 2424, and MATH 2524). The entry point to the calculus sequence will depend upon the previous preparation.
- Take eight three-credit courses in mathematics numbered above MATH 3000
- Complete the three one-credit mathematics capstone courses

For a B.A. degree, in addition to the above requirements, students will complete six credits of a foreign language and a minor.

Minor Requirements

A minor in mathematics requires the completion of 17 credits numbered above MATH 2000 and must include Calculus III (MATH 2524).
Mathematics Education - Secondary Teaching Emphasis

Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2324</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2424</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2524</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3013</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3133</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3143</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3191</td>
<td>1</td>
</tr>
<tr>
<td>MATH 3223</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4013</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4123</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4133</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4171</td>
<td>1</td>
</tr>
<tr>
<td>MATH 4191</td>
<td>1</td>
</tr>
<tr>
<td>MATH elective (numbered above 3000)</td>
<td>3</td>
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<tr>
<td><strong>Total emphasis credits</strong></td>
<td><strong>39</strong></td>
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</table>

See Teacher Education for certification requirements.
Graduate School – Mathematics or Cognate Area

Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2324</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2424</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2524</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3113</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3133</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3143</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3191</td>
<td>1</td>
</tr>
<tr>
<td>MATH 3213</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4103</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4153</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4171</td>
<td>1</td>
</tr>
<tr>
<td>MATH 4191</td>
<td>1</td>
</tr>
<tr>
<td>MATH electives (numbered above 3000)</td>
<td>6</td>
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</tbody>
</table>

Total emphasis credits 39
# Missions Concentration

**B.A. Degree** *(see B.A. requirements)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>Theology and Ministry CORE</strong></td>
<td>34</td>
</tr>
<tr>
<td>MISS 2113 Introduction to Christian Missions</td>
<td>3</td>
</tr>
<tr>
<td>MISS 2133 Nazarene Missions</td>
<td>3</td>
</tr>
<tr>
<td>MISS 4163 Theology of Christian Missions</td>
<td>3</td>
</tr>
<tr>
<td>MISS 4183 Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>MISS electives</td>
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</table>

Total credits for concentration 55
# Music Core Courses**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>M TH 1322</td>
<td>2</td>
</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 TH 2322</td>
<td>2</td>
</tr>
<tr>
<td>M TH 2342</td>
<td>2</td>
</tr>
<tr>
<td>M TH 2332</td>
<td>2</td>
</tr>
<tr>
<td>M TH 2352</td>
<td>2</td>
</tr>
<tr>
<td>M ED 3302</td>
<td>2</td>
</tr>
<tr>
<td>M ED 4322-3</td>
<td>2-3</td>
</tr>
<tr>
<td>M ED 4332-3</td>
<td>2-3</td>
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<tr>
<td>C M 3113</td>
<td>3</td>
</tr>
<tr>
<td>M ED 3372</td>
<td>2</td>
</tr>
<tr>
<td>APMU 3141</td>
<td>1</td>
</tr>
<tr>
<td>M ED 2300</td>
<td>0</td>
</tr>
<tr>
<td>APMU 2400</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total music CORE credits</strong></td>
<td><strong>28-30</strong></td>
</tr>
</tbody>
</table>

*Note: all music majors must pass a minimum piano proficiency examination.*

** Additional specifications for Music majors may be found in the School of Music Handbook, available in the music office (405.491.6345).

* 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.

# Enrichment Seminars are presented each Friday from 1:30 - 2:30 p.m.
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 Concentration**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Music CORE</strong></td>
<td>28</td>
</tr>
<tr>
<td>M ED 3222 Vocal Literature and Diction I</td>
<td>2</td>
</tr>
<tr>
<td>M ED 3231 Vocal Literature and Diction II</td>
<td>1</td>
</tr>
<tr>
<td>M ED 3362 Vocal Pedagogy</td>
<td>2</td>
</tr>
<tr>
<td>M ED 3382 Conducting II</td>
<td>2</td>
</tr>
<tr>
<td>M ED 3391 Fundamentals of Instrumental Methods</td>
<td>1</td>
</tr>
<tr>
<td>M ED 4352 Elementary Music Methods</td>
<td>2</td>
</tr>
<tr>
<td>M ED 4362 Secondary Music Methods</td>
<td>2</td>
</tr>
<tr>
<td>M TH 4442 Arranging</td>
<td>2</td>
</tr>
<tr>
<td>APMU Applied Voice (or Piano)</td>
<td>7</td>
</tr>
<tr>
<td>APMU Applied Piano (or Voice)</td>
<td>4</td>
</tr>
<tr>
<td>MENS Music Ensembles</td>
<td>8</td>
</tr>
<tr>
<td>ED 2111 Introduction to Education</td>
<td>1</td>
</tr>
<tr>
<td>ED 2162 Foundations of Education</td>
<td>2</td>
</tr>
<tr>
<td>ED 2173 Psychology of Child and Youth</td>
<td>3</td>
</tr>
<tr>
<td>ED 3122 Learning and Evaluation</td>
<td>2</td>
</tr>
<tr>
<td>ED 4142 Survey of Exceptional Child</td>
<td>2</td>
</tr>
<tr>
<td>ED 4273 Professional Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>ED 4700 Seminar</td>
<td>0</td>
</tr>
<tr>
<td>ED 4965 Student Teaching Elementary</td>
<td>5</td>
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<tr>
<td>ED 4995 Student Teaching Secondary</td>
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</table>

Foreign language proficiency required

**Total concentration credits** 84

**Instrumental Concentration**

<table>
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<th>Credits</th>
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<tbody>
<tr>
<td><strong>Music CORE</strong></td>
<td>28</td>
</tr>
<tr>
<td>M ED 3311 Brass Methods</td>
<td>1</td>
</tr>
<tr>
<td>M ED 3321 Percussion Methods</td>
<td>1</td>
</tr>
<tr>
<td>M ED 3331 Woodwind Methods</td>
<td>1</td>
</tr>
<tr>
<td>M ED 3341 String Methods</td>
<td>1</td>
</tr>
<tr>
<td>M ED 3382 Conducting II</td>
<td>2</td>
</tr>
<tr>
<td>M ED 4342 or Marching Band Techniques</td>
<td>2</td>
</tr>
<tr>
<td>M ED 3442 String Pedagogy</td>
<td>2</td>
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</tbody>
</table>

Foreign language proficiency required
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MED 4352</td>
<td>Elementary Music Methods</td>
<td>2</td>
</tr>
<tr>
<td>MED 4362</td>
<td>Secondary Music Methods</td>
<td>2</td>
</tr>
<tr>
<td>MTH 4432</td>
<td>Orchestration</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MTH 4442</td>
<td>Arranging</td>
<td>2</td>
</tr>
<tr>
<td>APMU</td>
<td>Applied Major Instrument</td>
<td>7</td>
</tr>
<tr>
<td>APMU</td>
<td>Applied Piano</td>
<td>2</td>
</tr>
<tr>
<td>Other Applied</td>
<td>(four secondary instruments)</td>
<td>4</td>
</tr>
<tr>
<td>MENS 2511</td>
<td>Symphonic Band</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MENS 2521</td>
<td>Orchestra</td>
<td>8</td>
</tr>
<tr>
<td>MENS</td>
<td>Choral Ensemble</td>
<td>1</td>
</tr>
<tr>
<td>ED 2111</td>
<td>Introduction to Education</td>
<td>1</td>
</tr>
<tr>
<td>ED 2162</td>
<td>Foundations of Education</td>
<td>2</td>
</tr>
<tr>
<td>ED 2173</td>
<td>Psychology of Children and Youth</td>
<td>3</td>
</tr>
<tr>
<td>ED 3122</td>
<td>Learning and Evaluation</td>
<td>2</td>
</tr>
<tr>
<td>ED 4142</td>
<td>Survey of Exceptional Child</td>
<td>2</td>
</tr>
<tr>
<td>ED 4273</td>
<td>Professional Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>ED 4700</td>
<td>Seminar</td>
<td>0</td>
</tr>
<tr>
<td>ED 4965</td>
<td>Student Teaching Elementary</td>
<td>5</td>
</tr>
<tr>
<td>ED 4995</td>
<td>Student Teaching Secondary</td>
<td>5</td>
</tr>
</tbody>
</table>

**Foreign language proficiency required**

**Total concentration credits** 87
Music Business Emphasis

A liberal arts degree with a major in music designed for the student with an interest in the music business industry.

Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>M TH 1322</strong></td>
<td>Survey of Music 2</td>
</tr>
<tr>
<td><strong>M TH 1332</strong></td>
<td>Fundamentals of Music 2</td>
</tr>
<tr>
<td><strong>M TH 1342</strong></td>
<td>Harmony I 2</td>
</tr>
<tr>
<td><strong>M TH 1352</strong></td>
<td>Aural Theory I 2</td>
</tr>
<tr>
<td><strong>C M 3113</strong></td>
<td>Music, Ministry and the Church 3</td>
</tr>
<tr>
<td><strong>M ED 3372</strong></td>
<td>Conducting I 2</td>
</tr>
<tr>
<td><strong>M ED 4322</strong></td>
<td>Music History II 2</td>
</tr>
<tr>
<td><strong>M ED 4332</strong></td>
<td>Music History III 2</td>
</tr>
<tr>
<td><strong>M TH 4432</strong></td>
<td>Orchestration 2</td>
</tr>
<tr>
<td><strong>APMU</strong></td>
<td>Applied Performance 6</td>
</tr>
<tr>
<td><strong>MENS</strong></td>
<td>Music Ensemble 8</td>
</tr>
<tr>
<td><strong>M ED 2300</strong></td>
<td>Recital Attendance 0</td>
</tr>
<tr>
<td><strong>APMU 2400</strong></td>
<td>Enrichment Seminar 0</td>
</tr>
<tr>
<td><strong>APMU 3141</strong></td>
<td>Junior Level Recital or 0</td>
</tr>
<tr>
<td><strong>MBUS 4241</strong></td>
<td>Capstone Project 1</td>
</tr>
<tr>
<td><strong>MBUS 1213</strong></td>
<td>Introduction to Music Business 3</td>
</tr>
<tr>
<td><strong>MBUS 1312</strong></td>
<td>Live Recording Techniques 2</td>
</tr>
<tr>
<td><strong>MBUS 2513</strong></td>
<td>Studio Recording I 3</td>
</tr>
<tr>
<td><strong>MBUS 2523</strong></td>
<td>Studio Recording II 3</td>
</tr>
<tr>
<td><strong>MBUS 2541</strong></td>
<td>Introduction to Production Technology 1</td>
</tr>
<tr>
<td><strong>MBUS 3303</strong></td>
<td>History of Recorded Music 3</td>
</tr>
<tr>
<td><strong>MBUS 3412</strong></td>
<td>Music Publishing 2</td>
</tr>
<tr>
<td><strong>MBUS 3432-3</strong></td>
<td>MIDI Production 2-3</td>
</tr>
<tr>
<td><strong>MBUS 4381-3</strong></td>
<td>Music Business Internship 1-3</td>
</tr>
<tr>
<td><strong>ACC 2113</strong></td>
<td>Principles of Accounting I 3</td>
</tr>
<tr>
<td><strong>BADM 3103</strong></td>
<td>Business Communication 3</td>
</tr>
<tr>
<td><strong>MKT 3103</strong></td>
<td>Human Resources Management 3</td>
</tr>
<tr>
<td><strong>MKT 3113</strong></td>
<td>Principles of Marketing 3</td>
</tr>
</tbody>
</table>

Total emphasis credits 66-69
# Music Ministry Emphasis *(B.S. Degree)*

## Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Music Courses</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Music CORE</strong></td>
<td></td>
</tr>
<tr>
<td>M ED 3382</td>
<td>Conducting II</td>
</tr>
<tr>
<td>MENS 2571</td>
<td>University Ringers</td>
</tr>
<tr>
<td>C M 3212</td>
<td>Hymnology and Sacred Literature</td>
</tr>
<tr>
<td>C M 3223</td>
<td>Survey of Worship</td>
</tr>
<tr>
<td>C M 4212</td>
<td>Church Music Administration</td>
</tr>
<tr>
<td>APMU</td>
<td>Applied Major Instrument</td>
</tr>
<tr>
<td>APMU</td>
<td>Applied Piano</td>
</tr>
<tr>
<td>M TH 4432</td>
<td>Orchestration</td>
</tr>
<tr>
<td>M TH 4442</td>
<td>Arranging</td>
</tr>
<tr>
<td>MENS</td>
<td>Music Ensemble</td>
</tr>
<tr>
<td><strong>Total music credits</strong></td>
<td>59+</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Theology Courses</strong> (in addition to General Education)</td>
<td></td>
</tr>
<tr>
<td>PRTH 1113</td>
<td>Introduction to Ministry</td>
</tr>
<tr>
<td>B LT 2163</td>
<td>Methods in Biblical Study</td>
</tr>
<tr>
<td>C ED 4153</td>
<td>Multiple Staff Ministry</td>
</tr>
<tr>
<td>C ED 4163</td>
<td>Pastoral Leadership and Team Building</td>
</tr>
<tr>
<td><strong>Total theology credits</strong></td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Additional Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>C M 4281-3</td>
<td>Music Internship</td>
</tr>
<tr>
<td><strong>Total emphasis credits</strong></td>
<td>72+</td>
</tr>
</tbody>
</table>

*For Church Music minor requirements, [click here](https://serak.snu.edu/catalog/Catalogext.asp?PageID=408&PF=y Catalo...)*
Music Performance Emphasis (B.S. Degree)

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 Concentration

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Music CORE</strong></td>
<td>28</td>
</tr>
<tr>
<td>M ED 4323</td>
<td>3</td>
</tr>
<tr>
<td>M ED 4333</td>
<td>3</td>
</tr>
<tr>
<td>M ED 3211</td>
<td>1</td>
</tr>
<tr>
<td>M ED 3222</td>
<td>2</td>
</tr>
<tr>
<td>M ED 3231</td>
<td>1</td>
</tr>
<tr>
<td>M ED 3362</td>
<td>2</td>
</tr>
<tr>
<td>M TH 4413</td>
<td>3</td>
</tr>
<tr>
<td>M TH 4423</td>
<td>3</td>
</tr>
<tr>
<td>APMU</td>
<td>14</td>
</tr>
<tr>
<td>APMU</td>
<td>4</td>
</tr>
<tr>
<td>APMU 4141</td>
<td>1</td>
</tr>
<tr>
<td>MENS</td>
<td>8</td>
</tr>
<tr>
<td>Two semesters French or German</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total concentration credits</strong></td>
<td><strong>75</strong></td>
</tr>
</tbody>
</table>

Keyboard Concentration (piano or organ)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Music CORE</strong></td>
<td>28</td>
</tr>
<tr>
<td>M ED 4323</td>
<td>3</td>
</tr>
<tr>
<td>M ED 4333</td>
<td>3</td>
</tr>
<tr>
<td>M ED 3352</td>
<td>2</td>
</tr>
<tr>
<td>M ED 3411</td>
<td>1</td>
</tr>
<tr>
<td>MBUS 3432</td>
<td>2</td>
</tr>
<tr>
<td>M TH 4413</td>
<td>3</td>
</tr>
<tr>
<td>M TH 4423</td>
<td>3</td>
</tr>
<tr>
<td>M TH 4432 or M TH 4442</td>
<td>2</td>
</tr>
<tr>
<td>APMU</td>
<td>14</td>
</tr>
<tr>
<td>APMU 4141</td>
<td>1</td>
</tr>
<tr>
<td>MENS</td>
<td>8</td>
</tr>
<tr>
<td>Two semesters French or German*</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total concentration credits</strong></td>
<td><strong>72</strong></td>
</tr>
</tbody>
</table>
Instrumental Concentration

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Music CORE</strong></td>
<td></td>
</tr>
<tr>
<td><strong>M ED 4323</strong></td>
<td>Music History II</td>
</tr>
<tr>
<td><strong>M ED 4333</strong></td>
<td>Music History III</td>
</tr>
<tr>
<td><strong>APMU</strong></td>
<td>Applied Major instrument</td>
</tr>
<tr>
<td><strong>APMU 4141</strong></td>
<td>Senior Level Recital</td>
</tr>
<tr>
<td><strong>APMU</strong></td>
<td>Applied Piano</td>
</tr>
<tr>
<td><strong>APMU</strong></td>
<td>Other Applied</td>
</tr>
<tr>
<td><strong>MENS 2511 / MENS 3511</strong></td>
<td>Symphonic Band / Orchestra</td>
</tr>
<tr>
<td><strong>MENS 2561</strong></td>
<td>Choral Ensemble</td>
</tr>
<tr>
<td><strong>M TH 4413</strong></td>
<td>Counterpoint</td>
</tr>
<tr>
<td><strong>M TH 4423</strong></td>
<td>Music Analysis</td>
</tr>
<tr>
<td>Choose one of the following methods courses:</td>
<td>1</td>
</tr>
<tr>
<td><strong>M ED 3311</strong></td>
<td>Brass Methods</td>
</tr>
<tr>
<td><strong>M ED 3321</strong></td>
<td>Percussion Methods</td>
</tr>
<tr>
<td><strong>M ED 3331</strong></td>
<td>Woodwind Methods</td>
</tr>
<tr>
<td><strong>M ED 3341</strong></td>
<td>String Methods</td>
</tr>
<tr>
<td><strong>M TH 4432 or</strong></td>
<td>Orchestration or</td>
</tr>
<tr>
<td><strong>M TH 4442</strong></td>
<td>Arranging</td>
</tr>
<tr>
<td>Two semesters French or German *</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total concentration credits</strong></td>
<td>73</td>
</tr>
</tbody>
</table>

* See School of Music Handbook for possible waiver.
# Bachelor of Science Degree - Nursing Major

The nursing program at Southern Nazarene University is approved by the [Oklahoma Board of Nursing](https://serak.snu.edu/catalog/Catalogext.asp?PageID=414&PF=y&Catalog=414) and accredited by the [Commission on Collegiate Nursing Education](https://serak.snu.edu/catalog/Catalogext.asp?PageID=414&PF=y&Catalog=414) of the [American Association of Colleges of Nursing](https://serak.snu.edu/catalog/Catalogext.asp?PageID=414&PF=y&Catalog=414). A four-year curriculum leading to a B.S. with a major in nursing is offered.

The program requires 55 credits of nursing courses and 75 credits of general education and prerequisite courses. The nursing courses include classroom, laboratory, and clinical experiences and are scheduled spanning six semesters beginning the fall semester of the sophomore year. Clinical experiences are provided in various hospitals and agencies in the community.

Selection for admission into the nursing program is made following the fall semester of the sophomore year. Preference is given to applicants whose preparatory work is completed at SNU. Applications are distributed during the fall semester of the sophomore year. A minimum cumulative GPA of 2.75, a minimum GPA of 2.75 in prenursing courses, and completion of all prerequisite courses at a "C" level are required for admission. For international students, a minimum TOEFL score of 550 (paper and pencil) or equivalent is required.

## Recommended Course Sequence

### Freshman Fall Semester

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1113</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1124</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1513</td>
<td>3</td>
</tr>
<tr>
<td>G S 1031</td>
<td>1</td>
</tr>
<tr>
<td>NURS 1311</td>
<td>1</td>
</tr>
<tr>
<td>PSY 1113</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total semester credits**: 15

### Freshman Spring Semester

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1213</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2124</td>
<td>4</td>
</tr>
<tr>
<td>SPC 1133</td>
<td>3</td>
</tr>
<tr>
<td>B LT 1163</td>
<td>3</td>
</tr>
<tr>
<td>NURS 1411</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total semester credits**: 15

### Sophomore Fall Semester

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 2404</td>
<td>4</td>
</tr>
<tr>
<td>NURS 2323</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2224</td>
<td>4</td>
</tr>
<tr>
<td>SOC 1113</td>
<td>3</td>
</tr>
<tr>
<td>HP 2013 or</td>
<td>3</td>
</tr>
<tr>
<td>or HP 2023</td>
<td></td>
</tr>
</tbody>
</table>

**Total semester credits**: 17

### Sophomore Spring Semester

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 2102</td>
<td>2</td>
</tr>
<tr>
<td>NURS 2436</td>
<td>6</td>
</tr>
<tr>
<td>PSY 3133</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 2234</td>
<td>4</td>
</tr>
<tr>
<td>THEO 2233</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total semester credits**: 18

### Junior Fall Semester

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 3416</td>
<td>6</td>
</tr>
<tr>
<td>STAT 3143</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total semester credits**: 9
NURS 3333  Community Nursing** 3  
FA 2123  Intro. to Fine Arts 3  
PHIL 2013  Intro. to Philosophy 3  
HP elective  History or gov. 3  

* 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.

Senior Fall Semester

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 4344  Childbearing Family**</td>
<td>4</td>
</tr>
<tr>
<td>NURS 4424  Nursing Care of the Child**</td>
<td>4</td>
</tr>
<tr>
<td>NURS 4372  Trends and Issues**</td>
<td>2</td>
</tr>
<tr>
<td>NURS 4342  Nursing Research**</td>
<td>2</td>
</tr>
<tr>
<td>SOC 3013 or Contemp. Soc. Issues or Bus., Eco., and Soc.</td>
<td>3</td>
</tr>
<tr>
<td>Total semester credits</td>
<td>15</td>
</tr>
</tbody>
</table>

Senior Spring Semester

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 4416  Adult Nursing II**</td>
<td>6</td>
</tr>
<tr>
<td>NURS 4364  Nursing Ldrship.**</td>
<td>4</td>
</tr>
<tr>
<td>B LT 3013  Biblical Interp.</td>
<td>3</td>
</tr>
<tr>
<td>N S 3043  STS</td>
<td>3</td>
</tr>
<tr>
<td>NURS 4801  Nursing Seminar (elective)</td>
<td>1</td>
</tr>
<tr>
<td>Total semester credits</td>
<td>17</td>
</tr>
</tbody>
</table>
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 credits in a related department.

**Program Course Requirements**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Music CORE</td>
<td>28</td>
</tr>
<tr>
<td>APMU electives (minimum of four credits in piano)</td>
<td>12</td>
</tr>
<tr>
<td>Music Ensemble (MENS) *</td>
<td>8+</td>
</tr>
<tr>
<td>Music electives (other than MENS)</td>
<td>4</td>
</tr>
<tr>
<td>Total program credits</td>
<td>52+</td>
</tr>
</tbody>
</table>

*Ensembles special requirements.*

For minor requirements, [click here.](https://serak.snu.edu/catalog/Catalogext.asp?PageID=403&PF=y&Catalo...)
Network Engineering

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 networks. 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.

*Note: most classes have a nonrefundable fee.*

Program Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CSNE Courses</strong></td>
<td></td>
</tr>
<tr>
<td>CSNE 2443</td>
<td>Introduction to Computer Science I 3</td>
</tr>
<tr>
<td>CSNE 2713</td>
<td>Network Technologies 3</td>
</tr>
<tr>
<td>CSNE 2813</td>
<td>Network Service and Support 3</td>
</tr>
<tr>
<td>CSNE 3413</td>
<td>Windows Networking I 3</td>
</tr>
<tr>
<td>CSNE 3673</td>
<td>Network Administration I 3</td>
</tr>
<tr>
<td>CSNE 3683</td>
<td>Network Administration II 3</td>
</tr>
<tr>
<td>CSNE 3713</td>
<td>Computer Forensics 3</td>
</tr>
<tr>
<td>CSNE 3813</td>
<td>Windows Networking II 3</td>
</tr>
<tr>
<td>CSNE 3913</td>
<td>Routers and Switches I 3</td>
</tr>
<tr>
<td>CSNE 3923</td>
<td>Routers and Switches II 3</td>
</tr>
<tr>
<td>CSNE 4113</td>
<td>Windows Networking III 3</td>
</tr>
<tr>
<td>CSNE 4123</td>
<td>Windows Networking IV 3</td>
</tr>
<tr>
<td>CSNE 4213</td>
<td>Windows Networking V 3</td>
</tr>
<tr>
<td>CSNE 4233</td>
<td>Network Security I 3</td>
</tr>
<tr>
<td>CSNE 4243</td>
<td>Database Systems 3</td>
</tr>
<tr>
<td>CSNE 4333</td>
<td>Network Security II 3</td>
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<tr>
<td><strong>Total CSNE credits</strong></td>
<td><strong>48</strong></td>
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</table>

Suggested Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 2113</td>
<td>Accounting I 3</td>
</tr>
<tr>
<td>MGT 2113</td>
<td>Principles Management 3</td>
</tr>
<tr>
<td>MGT elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Recommended Track III elective</strong></td>
<td></td>
</tr>
<tr>
<td>STAT 3143</td>
<td>Statistical Methods 3</td>
</tr>
<tr>
<td><strong>Recommended General Education option</strong></td>
<td></td>
</tr>
<tr>
<td>ECO 2113</td>
<td>Macroeconomics 3</td>
</tr>
<tr>
<td><strong>Total elective credits</strong></td>
<td><strong>12</strong></td>
</tr>
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</table>

**Total program credits** 60
Philosophy

*B.A. Degree Concentration*

These courses should be taken in addition to the B.A. requirements in the School of Theology and Ministry.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORE requirements in biblical literature and theology</td>
<td>21</td>
</tr>
<tr>
<td>Philosophy courses approved by the School of Theology and Ministry</td>
<td>24</td>
</tr>
<tr>
<td><strong>Total credits for concentration</strong></td>
<td><strong>45</strong></td>
</tr>
</tbody>
</table>

*Minor*

Fifteen credits in philosophy selected in consultation with the professor of philosophy and/or the chair of the School of Theology and Ministry.
Physical Education, Health, and Safety: K-12

The objective of this program is to enable the student to acquire an essential knowledge base, skills, and a philosophical foundation for how to make successful, professional decisions that are 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 and Physical Education professional recommendations. Refer to the kinesiology departmental Program Planning Form, UNIVISOR, and/or the Suggested Four-year Course Schedule for detailed graduation requirements.

Program Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical Education CORE</strong></td>
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</tr>
<tr>
<td>KSM 1613 First Aid/CPR and Safety and Lab</td>
<td>3</td>
</tr>
<tr>
<td>KSM 1713 Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 2512 Team and Lifetime Sports I</td>
<td>**</td>
</tr>
<tr>
<td>KSM 2522 Team and Lifetime Sports II</td>
<td>2</td>
</tr>
<tr>
<td>KSM 2541 Practicum/Clinical Experience: Elementary</td>
<td>1</td>
</tr>
<tr>
<td>KSM 2551 Practicum/Clinical Experience: Secondary</td>
<td>1</td>
</tr>
<tr>
<td>KSM 2613 Personal and Community Health</td>
<td>3</td>
</tr>
<tr>
<td>KSM 2623 Structural Kinesiology or KSM 4693</td>
<td></td>
</tr>
<tr>
<td>KSM 2623 or KSM 4693 Biomechanics and Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3523 School Health/Safety Curriculum: K-12</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3533 Methods in Elementary Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3543 Methods in Secondary Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3613 Exercise Physiology or **</td>
<td></td>
</tr>
<tr>
<td>KSM 4513 Adapted/Inclusive Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4523 Motor Learning</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4533 Research Measurement and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4713 Organization, Leadership, and Management of KSM</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4741 Senior Seminar for Physical Education</td>
<td>1</td>
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<tr>
<td><strong>Total physical education credits</strong></td>
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</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Professional Education</strong></td>
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</tr>
<tr>
<td>ED 2111 Introduction to Education and Teaching Lab</td>
<td>1</td>
</tr>
<tr>
<td>ED 2142 Educational Technology</td>
<td>**</td>
</tr>
<tr>
<td>ED 2162 Foundations of Education</td>
<td>2</td>
</tr>
<tr>
<td>ED 2173 Psychology of Children and Youth</td>
<td>3</td>
</tr>
<tr>
<td>ED 4142 Survey of the Exceptional Child</td>
<td>**</td>
</tr>
<tr>
<td>ED 4273 Professional Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>ED 4700 Student Teaching Seminar</td>
<td>0</td>
</tr>
<tr>
<td>ED 4805 Student Teaching: Elementary</td>
<td>5</td>
</tr>
<tr>
<td>ED 4815 Student Teaching: Secondary; 7-12</td>
<td>5</td>
</tr>
<tr>
<td><strong>Total professional education credits</strong></td>
<td>19</td>
</tr>
</tbody>
</table>
Total credits for program  

57

Recommended additional coaching minor courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>KSM 1511</td>
<td>Teaching and Performance of Weight Training</td>
<td>1</td>
</tr>
<tr>
<td>KSM 1523</td>
<td>Care and Prevention of Athletic Injuries and 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>
</tbody>
</table>

* The State of Oklahoma currently requires that any coach in the public schools must have a course in Care and 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. Courses or credits needed to meet this proficiency are not included in the above total.

** Credits are counted toward General Education requirements.

^ Foreign language proficiency is equal to two high school years or two college courses with a grade of "B" or higher; both years / courses must be same language.
Physical Education for Sports and Leisure

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 coaches in educational and recreational organizations. Refer to kinesiology departmental Program Planning Form, UNIVISOR, and/or Suggested Four-Year Course Schedule for detailed graduation requirements.

Program Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical Education CORE</strong></td>
<td></td>
</tr>
<tr>
<td>KSM 1613</td>
<td>First Aid/CPR and Safety and Lab</td>
</tr>
<tr>
<td>KSM 1713</td>
<td>Foundations of Kinesiology</td>
</tr>
<tr>
<td>KSM 2512</td>
<td>Team and Lifetime Sports I</td>
</tr>
<tr>
<td>KSM 2522</td>
<td>Team and Lifetime Sports II</td>
</tr>
<tr>
<td>KSM 2541</td>
<td>Practicum/Clinical Experience: Elementary</td>
</tr>
<tr>
<td>KSM 2551</td>
<td>Practicum/Clinical Experience: Secondary</td>
</tr>
<tr>
<td>KSM 2613</td>
<td>Personal and Community Health</td>
</tr>
<tr>
<td>KSM 2623</td>
<td>or Structural Kinesiology or</td>
</tr>
<tr>
<td>KSM 4693</td>
<td>Biomechanics and Kinesiology</td>
</tr>
<tr>
<td>KSM 3523</td>
<td>School Health/Safety Curriculum: K-12</td>
</tr>
<tr>
<td>KSM 3533</td>
<td>Methods in Elementary Physical Education</td>
</tr>
<tr>
<td>KSM 3543</td>
<td>Methods in Secondary Physical Education</td>
</tr>
<tr>
<td>KSM 3613</td>
<td>Exercise Physiology</td>
</tr>
<tr>
<td>KSM 4513</td>
<td>Adapted/Inclusive Physical Education</td>
</tr>
<tr>
<td>KSM 4523</td>
<td>Motor Learning</td>
</tr>
<tr>
<td>KSM 4533</td>
<td>Research Measurement and Evaluation</td>
</tr>
<tr>
<td>KSM 4713</td>
<td>Organization, Leadership, and Management of KSM</td>
</tr>
<tr>
<td>KSM 4741</td>
<td>Senior Seminar for Physical Education</td>
</tr>
<tr>
<td><strong>Total physical education credits</strong></td>
<td>38</td>
</tr>
</tbody>
</table>

| **Athletic Coaching CORE** | |
| KSM 1511 | Teaching and Performance of Weight Training | 1 |
| KSM 1523 | Care and Prevention of Athletic Injuries and Lab | 3 |
| KSM 2531 | Officiating | 1 |
| KSM 3512 | Coaching | 2 |
| KSM 4766 | Internship I | 6 |
| **Total coaching credits** | 13 |

**Total credits for programs** | 51 |

**Credits are counted toward General Education requirements.**
# Physics CORE Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 2114</td>
<td>4</td>
<td>General Physics for Scientists and Engineers I</td>
</tr>
<tr>
<td>PHYS 2214</td>
<td>4</td>
<td>General Physics for Scientists and Engineers II</td>
</tr>
<tr>
<td>PHYS 3173</td>
<td>3</td>
<td>Waves and Optics</td>
</tr>
<tr>
<td>PHYS 3191</td>
<td></td>
<td>Selected Topics in Physics or</td>
</tr>
<tr>
<td>PHYS 4311</td>
<td>1</td>
<td>General Relativity</td>
</tr>
<tr>
<td>PHYS 3213</td>
<td>3</td>
<td>Quantum Mechanics I</td>
</tr>
<tr>
<td>PHYS 4123</td>
<td>3</td>
<td>Electricity and Magnetism I</td>
</tr>
<tr>
<td>PHYS 4133</td>
<td>3</td>
<td>Classical Mechanics I</td>
</tr>
<tr>
<td>PHYS 4151</td>
<td>1</td>
<td>Advanced Physics Laboratory</td>
</tr>
<tr>
<td>PHYS 4181</td>
<td>1</td>
<td>Directed Research</td>
</tr>
<tr>
<td>PHYS 4213</td>
<td>3</td>
<td>Statistical Mechanics</td>
</tr>
<tr>
<td><strong>Total CORE credits</strong></td>
<td><strong>26</strong></td>
<td></td>
</tr>
</tbody>
</table>
Physics

Major

In addition to this 26-credit physics CORE, the student must complete at least six additional credits in departmental courses numbered above General Physics I (PHYS 2214) for a minimum of 32 credits 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.

Physics majors are typically enrolled in Careers in Physics and Applied Physics (PHYS 1111) and General Chemistry I and II (CHEM 1124 and CHEM 1224) during the freshman year. Freshmen may be allowed to take Introduction to Atomic and Nuclear Physics (PHYS 2313) with advance consultation 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 and PHYS 2214).

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

Quantum I and II (PHYS 3213 and PHYS 3223), Electricity and Magnetism I and II (PHYS 4123 and PHYS 4223) Classical Mechanics I and II (PHYS 4133 and PHYS 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.

Multidisciplinary Options

In addition to the 32-credit 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>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3133</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3143</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4113</td>
<td>3</td>
</tr>
<tr>
<td>MATH 4153</td>
<td>3</td>
</tr>
<tr>
<td>CSNE 2443</td>
<td>3</td>
</tr>
<tr>
<td>CSNE 2543</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 4114 / PHYS 4114</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2234</td>
<td>4</td>
</tr>
</tbody>
</table>
Minor

The physics minor consists of 11 credits of physics beyond General Physics I (PHYS 2214).
## Politics and Law Track

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 1113</td>
<td>American Federal Government</td>
</tr>
<tr>
<td>HP 1483</td>
<td>U.S. History I</td>
</tr>
<tr>
<td>HP 1493</td>
<td>U.S. History II</td>
</tr>
<tr>
<td>HP 2013</td>
<td>World Civilizations I *</td>
</tr>
<tr>
<td>HP 2023</td>
<td>World Civilizations II *</td>
</tr>
<tr>
<td>HP 2123</td>
<td>Introduction to Political Studies</td>
</tr>
<tr>
<td>HP 3213</td>
<td>Political and Social Philosophy</td>
</tr>
<tr>
<td>Electives (as specified by the department)</td>
<td>27</td>
</tr>
<tr>
<td><strong>Total program credits</strong></td>
<td><strong>48</strong></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 the SNU participation with [CCCU study abroad programs](https://serak.snu.edu/catalog/Catalogext.asp?PageID=382&PF=y&Catalo... through which students may earn up to 16 credits for a semester study abroad experience.

*One section of World Civilizations is required for General Education CORE.*
Pre-professional Programs

SNU offers the basic science, social science, English, and mathematics coursework to assist the student with entry into professional schools of engineering, medicine, pharmacy, and other professions requiring these skills. The following programs 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.

Allied Health
Pre-agriculture
Pre-architectural
Pre-engineering
Pre-law
Pre-medicine
Pre-medical Technology and Medical Technology
Pre-optometry
Pre-pharmacy
Pre-seminary
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-architectural

Many courses are available to provide a full first-year program. These include mathematics, physics, art and design, 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.
Pre-engineering

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 bachelor's 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 outlined below.

Students seeking degrees in electrical or mechanical engineering may participate in SNU’s cooperative program with Oklahoma Christian University (OC), 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 (first two years)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
</tr>
<tr>
<td>ENGL 1113</td>
<td>Composition I: Exposition</td>
</tr>
<tr>
<td>CHEM 1124</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>MATH 2324 or MATH 2424</td>
<td>Calculus I or II</td>
</tr>
<tr>
<td>PHYS 2313</td>
<td>Introduction to Atomic and Nuclear Physics</td>
</tr>
<tr>
<td>G S 1031</td>
<td>New Student Institute/Seminar</td>
</tr>
<tr>
<td>General Education</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total semester credits</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Second Semester</strong></td>
<td></td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II: Argumentation</td>
</tr>
<tr>
<td>CHEM 1224</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>MATH 2424 or MATH 3164</td>
<td>Calculus III</td>
</tr>
<tr>
<td>General Education Courses</td>
<td>3</td>
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<tr>
<td><strong>Total semester credits</strong></td>
<td>14</td>
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</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Third Semester</strong></td>
<td></td>
</tr>
<tr>
<td>PHYS 2114</td>
<td>General Physics I for Scientists and Engineers</td>
</tr>
<tr>
<td>MATH elective</td>
<td>3</td>
</tr>
<tr>
<td>CSNE 2443</td>
<td>Introduction to Computer Science I</td>
</tr>
<tr>
<td>General Education Courses</td>
<td>5</td>
</tr>
</tbody>
</table>
**Total semester credits** 15

**Fourth Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 2214</td>
<td>General Physics II for Scientists and Engineers</td>
<td>4</td>
</tr>
<tr>
<td>CSNE 2543</td>
<td>Introduction to Computer Science II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2424</td>
<td>Calculus II</td>
<td>4</td>
</tr>
</tbody>
</table>

General Education Courses 4

**Total semester credits** 15

**Total program credits** 61
Pre-law

See the Departments of History, Politics, and Geography, English, or School of Business sections 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: University of Oklahoma (OKC and Tulsa - Ost.), Baylor (Texas), University of Kansas (KU), University of Missouri-Kansas City (UHSCOM), University of Texas (Dallas - S.W. and Fort Worth-Ost.), University of 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) *(average MCAT scores of 9 or better are a must)*
2. Grades
3. Extracurricular achievements which contribute to resume / interview

The biology-chemistry major 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 an SNU science faculty advisor and SNU Pre-med Committee is imperative to quality preparation. Students should plan to take the MCAT in April of the junior year with at least one semester of intensive review prior to taking the exam.
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 credits) 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 credits) 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-med. 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>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman First Semester</strong></td>
<td></td>
</tr>
<tr>
<td>CHEM 1124 General Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>ZOO 1115 General Zoology</td>
<td>5</td>
</tr>
<tr>
<td>ENGL 1113 Composition I: Exposition</td>
<td>3</td>
</tr>
<tr>
<td>GS 1031 New Student Institute</td>
<td>1</td>
</tr>
<tr>
<td>HP elective U.S. History or American Government</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total semester credits</strong></td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Second Semester</strong></td>
<td></td>
</tr>
<tr>
<td>CHEM 1224 General Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 2124 Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>ACC 2113 or ECO 2123 Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1213 Composition II: Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>HP elective U.S. History or American Government</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total semester credits</strong></td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sophomore First Semester</strong></td>
<td></td>
</tr>
<tr>
<td>CHEM 3114 Organic Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 1114 General Physics I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2324 Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 1114 or SOC 1113 General Psychology or Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total semester credits</strong></td>
<td>15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sophomore Second Semester</strong></td>
<td></td>
</tr>
<tr>
<td>CHEM 3125 Organic Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 1214 General Physics II</td>
<td>4</td>
</tr>
<tr>
<td>FA 2123 Introduction to Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>HP 2013 or HP 2023 World Civilizations I or World Civilizations II</td>
<td>3</td>
</tr>
<tr>
<td>MISS 4183 Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total semester credits</strong></td>
<td>18</td>
</tr>
</tbody>
</table>
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.
Bachelor of Science Degree in Psychology

Pregraduate School Track

The B.S. degree track with a major in psychology is designed as a pregraduate school track. The required courses are selected based on expected preparation for graduate programs. Entrance into this degree track is by admission only; the first step for interested students would be to take the required prerequisite courses (General Psychology I (PSY 1113), General Psychology II (PSY 1213), General Psychology Laboratory (PSY 1131), Statistical Methods (STAT 3143), and one developmental psychology course). These courses must be completed with a "B-" received in each one and with an overall minimum GPA of 3.00 in psychology. In addition, a student's cumulative GPA must be at least a 2.75. Students not meeting the minimum grade criteria stated above may appeal to have their status reviewed.

Once a student has reached sophomore standing and has completed the prerequisite courses, he or she may apply to be in the pregraduate school track. Applications may be found online or from a psychology advisor. A goals statement and an APA writing sample will be requested with the application. Two letters of recommendation are needed. One must be from a faculty member from the psychology department and one from a faculty member not in the psychology department. Applicants will be interviewed by pregraduate school screening. This committee's recommendation, based on all the above listed criteria (grades, goals statement, writing sample, recommendations, interview) will determine admission status into the BS degree track.

If a student falls below the minimum GPA (2.75, overall; 3.00, psychology) for two semesters, he or she will no longer be in the BS degree track. The student may be on probation for one semester, but if he or she does not regain the minimum grade point averages, he or she will revert to another degree track. The student may remediate by retaking courses and apply to be readmitted to the B.S. track.

Once a student is identified in the B.S. degree track, he or she should work closely with his or her advisor while making preparations for graduate programs. Most graduate school materials need to be sent to selected programs during the fall semester of the year before the student plans to enter a graduate program.

For the B.S. degree in psychology, 45 credits are required in departmental courses including those listed below:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Introductory Courses</strong></td>
<td></td>
</tr>
<tr>
<td>PSY 1113 General Psychology I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 1131 General Psychology Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>PSY 1213 General Psychology II</td>
<td>3</td>
</tr>
<tr>
<td><strong>Methodology Courses</strong></td>
<td></td>
</tr>
<tr>
<td>STAT 3143 Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3153 Research Design (Prerequisite: STAT 3143)</td>
<td>3</td>
</tr>
<tr>
<td>STAT 3243 Computer-Packaged Stats (Prerequisite: STAT 3143)</td>
<td>3</td>
</tr>
<tr>
<td>PSY 3161 Senior Thesis (Prerequisite: PSY 3153)</td>
<td>1</td>
</tr>
</tbody>
</table>
Core Content Courses

**PSY 3133** or **PSY 2173** or **PSY 4143**
Human Development or Psychology of Children and Youth or Advanced Developmental Theories

**PSY 3113** or **PSY 3174** or **PSY 3193** or **PSY 4153**
Social Psychology or Physiological Psychology (with lab) or Learning and Cognition or Psychology of Personality

**PSY 4273**
History and Systems

Integrative Courses

**PSY 4391-3**
Practicum

**PSY 4492**
Senior Colloquium in Psychology

Electives

*(Chosen from any of the three areas listed below)*

**Specialty Electives**

**PSY 3203**
Industrial / Organizational

**PSY 4113**
Psychology of Religion

**PSY 3183**
Psychological Testing

**PSY 4373**
Special Topic: Psychology and Law

**PSY 4373**
Special Topic: Sport Psychology

**PSY 3433**
Death and Dying

**Clinical Electives**

**PSY 4103**
Abnormal Psychology

**PSY 4213**
Principles of Counseling

**PSY 4263**
Techniques of Counseling

**PSY 2353**
Interviewing Techniques

**Basic Electives**

**PSY 2102**
Self-Concept Development

**PSY 1121**
Careers in Psychology

Nondepartmental Requirements *(four of six areas required)*:

- Literature or composition course
- Mathematics course
- Modern language
- Natural science lab course
- Philosophy course
- Sociology course

**Multidisciplinary Program**

A Bachelor of Science degree may also be obtained by following the multidisciplinary concentration with 60 credits in psychology and related courses. General Psychology I (**PSY 1113**), Senior Colloquium (**PSY 4492**) and 12 additional upper division credits are required as part of the 60 credits in a multidisciplinary concentration.
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 credits are required to complete the B.A. program and must include the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1113</td>
<td>General Psychology I</td>
</tr>
<tr>
<td>PSY 1131</td>
<td>General Psychology Lab</td>
</tr>
<tr>
<td>PSY 1213</td>
<td>General Psychology II</td>
</tr>
<tr>
<td>STAT 3143</td>
<td>Statistical Methods</td>
</tr>
<tr>
<td>PSY 3153</td>
<td>Research Design</td>
</tr>
<tr>
<td>PSY 4273</td>
<td>History and Systems of Psychology</td>
</tr>
<tr>
<td>PSY 4492</td>
<td>Senior Colloquium</td>
</tr>
<tr>
<td>PSY 3133 or</td>
<td>Human Development or</td>
</tr>
<tr>
<td>PSY 4143 or</td>
<td>Advanced Developmental Theories or</td>
</tr>
<tr>
<td>PSY 2173</td>
<td>Psychology of Children and Youth</td>
</tr>
<tr>
<td>Electives</td>
<td>17</td>
</tr>
<tr>
<td><strong>Total program credits</strong></td>
<td><strong>38</strong></td>
</tr>
</tbody>
</table>

Psychology Minor

A minimum of 18 credits is required to complete a minor in psychology, and must include the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1113</td>
<td>General Psychology I</td>
</tr>
<tr>
<td>PSY 1131</td>
<td>General Psychology Lab</td>
</tr>
<tr>
<td>PSY 3153 * and PSY 3161 or</td>
<td>Research Design and Senior Thesis or</td>
</tr>
<tr>
<td>PSY 4273</td>
<td>History and Systems of Psychology</td>
</tr>
</tbody>
</table>

*Statistical Methods (STAT 3143) is strongly recommended and is a prerequisite for Research Design (PSY 3153).*
Science

See Biology, Chemistry, and Physics
Science Teacher Education

Prospective teachers of Chemistry in the public school should complete additional science courses for the science teaching certificate. Education should be elected as a minor.
Sociology

Major

The major is designed for students planning to begin entry level careers or enter graduate school. Completing an internship and Elementary Spanish I (SPAN 1113) and Elementary Spanish II (SPAN 1123) are recommended for all majors.

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

Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sociology CORE</td>
<td>15</td>
</tr>
<tr>
<td>Electives * (choose from the following to total 21):</td>
<td></td>
</tr>
<tr>
<td>SOC 2113 Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3103 Race and Ethnicity</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3153 Urban Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 2153 Sociology of the Family</td>
<td>3</td>
</tr>
<tr>
<td>SOC 4383 Social Stratification</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3213 Political and Social Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>SOC 4183 Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 2243 Aging and Gerontology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 3433 Death and Dying</td>
<td>3</td>
</tr>
<tr>
<td>SOC 4131-4 Sociology Internship</td>
<td>1-4</td>
</tr>
</tbody>
</table>

Other SOC courses (as offered)

Total elective credits: 21

Total program credits: 36

* Additional electives 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 (Departments of Sociology, Psychology, and History, Politics, and Geography.)

Minor

Requires 18 credits including Introduction to Sociology (SOC 1113) and at least nine credits of upper division courses in sociology. These courses should be chosen in consultation with a faculty advisor in the Department of Sociology.
B.A. Degree in Spanish

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 3533</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 4473</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 4592</td>
<td>2</td>
</tr>
<tr>
<td>Electives *</td>
<td>22-28</td>
</tr>
</tbody>
</table>

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

Spanish Minor

A total of 18 credits including six credits of upper division courses is required for a minor in Spanish.
B.A. Degree in Spanish

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPAN 3533</td>
<td>Masterpieces of Spanish Literature 3</td>
</tr>
<tr>
<td>SPAN 4473</td>
<td>Intensive Spanish Composition and Conversation 3</td>
</tr>
<tr>
<td>SPAN 4592</td>
<td>Seminar 2</td>
</tr>
<tr>
<td>Electives *</td>
<td>22-28</td>
</tr>
</tbody>
</table>

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

Spanish Minor

A total of 18 credits including six credits of upper division courses is required for a minor in Spanish.
B.A. Degree in Spanish Education

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</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>
</tr>
<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 or SPAN 4553 Latin American Literature</td>
<td>3</td>
</tr>
<tr>
<td>Electives (from the following courses)</td>
<td>11</td>
</tr>
<tr>
<td>SPAN 3221 Special Studies in Spanish</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 3232-3 Mexican Field Studies</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 3453 Commercial Spanish</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 4543 Latin American Literature I</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 4553 Latin American Literature II</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 4592 Seminar</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 4273 Linguistics</td>
<td>3</td>
</tr>
<tr>
<td>SP C 4233 Intercultural Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Total program credits 40
Speech Communication

**Major (B.A. Degree)**

A major in speech communication consists of 32 credits in speech communication above the freshman level General Education course. Six credits of foreign language are also required.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</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>SP C electives</td>
<td>3-4</td>
</tr>
</tbody>
</table>

**Total major credits** 32

**Departmental Minor**

Eighteen credits in speech communication courses above the freshman level General Education courses.

**Multidisciplinary Major (B.S. Degree)**

A major of 60 credits, selected from speech communication and from at least one other department (excluding the Departments of 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 credits of coursework is required in each major area of a multidisciplinary program. Basic courses in General Education may be included in the 60 credits. Within this major various programs of study are possible, and must be approved in advance through the Office of Academic Affairs. Two of the most common are Human Relations and Urban Ministry / Urban Studies.
Sport Information: Multidisciplinary Major

The objective of this program is 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) selected electives of concentration in which students pursue professional interests. Refer to the departmental Program Planning Form, UNIVISOR, and/or Suggested Four-Year Course Schedule for detailed graduation requirements.

Program Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sport Management CORE</strong></td>
<td></td>
</tr>
<tr>
<td>KSM 1713 Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3713 Sociology of Sports</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3723 Sport Marketing and Promotions</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3734 Practicum</td>
<td>4</td>
</tr>
<tr>
<td>KSM 4713 Organization, Leadership, and Management of KSM</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4723 Sport Facility Management</td>
<td>3</td>
</tr>
<tr>
<td>KSM 4766 Internship I</td>
<td>6</td>
</tr>
<tr>
<td>KSM 3733 Sport Law</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3753 Sport Governance and Policy</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total sport management CORE credits</strong></td>
<td>31</td>
</tr>
<tr>
<td><strong>Sport Information CORE</strong></td>
<td></td>
</tr>
<tr>
<td>MCOM 2313 Newswriting</td>
<td>3</td>
</tr>
<tr>
<td>MCOM 2323 Survey of Mass Media</td>
<td>3</td>
</tr>
<tr>
<td>MCOM 2353 Interviewing Techniques</td>
<td>3</td>
</tr>
<tr>
<td>MCOM 2361-3 and/or MCOM 2371-3</td>
<td></td>
</tr>
<tr>
<td>and/or Newspaper Practicum and/or Yearbook</td>
<td>1</td>
</tr>
<tr>
<td>MCOM 3383 Desktop Publishing</td>
<td>3</td>
</tr>
<tr>
<td>MCOM 4372 Communication Arts Colloquium</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total sport information CORE credits</strong></td>
<td>15</td>
</tr>
<tr>
<td><strong>MCOM Focused Electives</strong></td>
<td></td>
</tr>
<tr>
<td><em>(must total 14 credits; recommended courses below)</em></td>
<td></td>
</tr>
<tr>
<td>MCOM 2332 Photography</td>
<td></td>
</tr>
<tr>
<td>MCOM 2361-3 Newspaper Practicum (if not selected in CORE)</td>
<td></td>
</tr>
<tr>
<td>MCOM 2371-3 Yearbook (if not selected in CORE)</td>
<td></td>
</tr>
<tr>
<td>MCOM 3353 Advanced Video Production</td>
<td></td>
</tr>
<tr>
<td>MCOM 4372 Communication Arts Colloquium</td>
<td></td>
</tr>
<tr>
<td><strong>Total elective credits</strong></td>
<td>14</td>
</tr>
<tr>
<td><strong>Total credits for sport information program</strong></td>
<td>60</td>
</tr>
</tbody>
</table>

https://serak.snu.edu/catalog/Catalogext.asp?PageID=340&PF=y&Catalog...
**Sport Management: Multidisciplinary Major**

The objective of this program is to prepare students with a strong business component that 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 athletic director, 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 the kinesiology departmental Program Planning Form, UNIVISOR, and/or Suggested Four-year Course Schedule for detailed graduation requirements.

**Program Course Requirements**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sport Management CORE</strong></td>
<td></td>
</tr>
<tr>
<td>KSM 1713 Foundations of Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3713 Sociology of Sports</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3723 Sport Marketing and Promotions</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3734 Practicum</td>
<td>4</td>
</tr>
<tr>
<td>KSM 4713 Organization, Leadership, and Management of KSM</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>
<tr>
<td>KSM 3733 Sport Law</td>
<td>3</td>
</tr>
<tr>
<td>KSM 3753 Sport Governance and Policy</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total credits for sport management CORE</strong></td>
<td><strong>31</strong></td>
</tr>
<tr>
<td><strong>Business CORE</strong></td>
<td></td>
</tr>
<tr>
<td>BADM 1113 Ethics and Business Principles</td>
<td>3</td>
</tr>
<tr>
<td>ACC 2113 Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACC 2123 or Principles of Accounting II or</td>
<td>3</td>
</tr>
<tr>
<td>ACC 3163 Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>FIN 3103 Business Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGT 3113 Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT 3113 Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BADM 3113 Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>MGT 3133 Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td><strong>Business Electives</strong></td>
<td></td>
</tr>
<tr>
<td>(choose two three-credit courses in ACC, FIN, MGT, MKT, BADM)</td>
<td>6</td>
</tr>
<tr>
<td><strong>Total credits for business CORE</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

**Total credits for sport management program** 61
Statistics / Actuarial Science Emphasis *(see also Department of Mathematics)*

**Course Requirements**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</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 3153  Probability and Statistics II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3191  Junior Colloquium in Mathematics</td>
<td>1</td>
</tr>
<tr>
<td>MATH 4171  Mathematics Seminar</td>
<td>1</td>
</tr>
<tr>
<td>MATH 4191  Senior Research in Mathematics</td>
<td>1</td>
</tr>
<tr>
<td>MATH electives (numbered above 3000)</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total emphasis credits</strong></td>
<td><strong>39</strong></td>
</tr>
</tbody>
</table>
Theology and Ministry CORE

Several degree programs are available for a major in theology and ministry according to the student's vocational plans. Programs leading to either a B.A. or B.S. degree are provided. The following theology and ministry CORE courses are required for all degree programs except the multidisciplinary degrees.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRTH 1113</td>
<td>Introduction to Ministry</td>
</tr>
<tr>
<td>THEO 3113</td>
<td>Old Testament Theology</td>
</tr>
<tr>
<td>THEO 3123</td>
<td>New Testament Theology</td>
</tr>
<tr>
<td>THEO 3133</td>
<td>Doctrine of Holiness</td>
</tr>
<tr>
<td>THEO 4111</td>
<td>Senior Colloquium</td>
</tr>
<tr>
<td>THEO 4133</td>
<td>Systematic Theology I</td>
</tr>
<tr>
<td>THEO 4143</td>
<td>Systematic Theology II</td>
</tr>
<tr>
<td>CHS 3123</td>
<td>Church History I</td>
</tr>
<tr>
<td>CHS 3133</td>
<td>Church History II</td>
</tr>
</tbody>
</table>

An upper division, three-credit Old Testament exegesis course from the following:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<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>Eighth and Seventh Century Prophets</td>
</tr>
<tr>
<td>B LT 4213</td>
<td>Poetic and Wisdom Literature</td>
</tr>
</tbody>
</table>

An upper division, three-credit New Testament exegesis course from the following:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>B LT 3243</td>
<td>Matthew and 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>
<tr>
<td>B LT 4193</td>
<td>General Epistles and Revelation</td>
</tr>
</tbody>
</table>

One additional elective upper division exegesis course

Total CORE credits 34
## Youth Ministry Concentration

**B.S. Degree** (see [B.S. requirements](#))

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Theology and Ministry CORE</strong></td>
<td>34</td>
</tr>
<tr>
<td>C ED 2123 Foundations of Christian Education</td>
<td>3</td>
</tr>
<tr>
<td>C ED 2173 Psychology of Children and Youth</td>
<td>3</td>
</tr>
<tr>
<td>C ED 3193 Family Ministries in the Local Church</td>
<td>3</td>
</tr>
<tr>
<td>C ED 4123 Life Span Ministries</td>
<td>3</td>
</tr>
<tr>
<td>C ED 4133 Survey of Youth Ministry</td>
<td>3</td>
</tr>
<tr>
<td>C ED 4183 or Ministry Experience</td>
<td>3</td>
</tr>
<tr>
<td>C ED 4383 Ministry Intensive</td>
<td>3</td>
</tr>
<tr>
<td>ED 4522 Characteristics of Early Adolescents</td>
<td>2</td>
</tr>
</tbody>
</table>

A history of philosophy course 3

Nine credits from the following Christian education (C ED) courses: 9

- C ED 2213 or Administration of Christian Education or
- C ED 4153 Multiple Staff Ministry
- C ED 3153 Christian Education in a Multicultural Context
- C ED 4163 Pastoral Leadership and Team Building
- C ED 4173 Crisis Ministry: Advocacy and Intervention

One of the following education (ED) courses: 3

- ED 4483 Cognitive Development
- ED 4273 Professional Decision Making

One of the following psychology (PSY) courses: 3

- PSY 3133 Human Development
- PSY 3193 Learning and Cognition

Total credits for concentration 72
# Theology and Ministry

## B.A. Degree Concentration  
*(see B.A. requirements)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Theology and Ministry CORE</strong></td>
<td></td>
</tr>
<tr>
<td>C ED 2123</td>
<td>3</td>
</tr>
<tr>
<td>C HS 2113</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 3113</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 3323</td>
<td>3</td>
</tr>
<tr>
<td>MISS 2113</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 3223</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 4143</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 4163</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 4183 or Ministry Intensive</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total credits for concentration</strong></td>
<td><strong>61</strong></td>
</tr>
</tbody>
</table>

## B.S. Degree Concentration  
*(see B.S. requirements)*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Theology and Ministry CORE</strong></td>
<td></td>
</tr>
<tr>
<td>C ED 2123</td>
<td>3</td>
</tr>
<tr>
<td>C HS 2113</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 3113</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 3323</td>
<td>3</td>
</tr>
<tr>
<td>MISS 2113</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 3223</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 4143</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 4163</td>
<td>3</td>
</tr>
<tr>
<td>PRTH 4183</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total credits for concentration</strong></td>
<td><strong>61</strong></td>
</tr>
</tbody>
</table>

## Multidisciplinary Program

To pursue this option, a student develops a program of at least 60 credits in courses related to the declared life objective and selected from more than one specified academic discipline. A multidisciplinary major with theology and ministry as the chief component requires the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRTH 1113</td>
<td>3</td>
</tr>
<tr>
<td>Upper division biblical exegesis courses (three credits each in OT and NT)</td>
<td>6</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>THEO 3113</td>
<td>Old Testament Theology or</td>
</tr>
<tr>
<td>THEO 3123</td>
<td>New Testament Theology</td>
</tr>
<tr>
<td>THEO 3133</td>
<td>Doctrine of Holiness</td>
</tr>
</tbody>
</table>

Any two of the following four courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>C HS 3123</td>
<td>Church History I</td>
<td>3</td>
</tr>
<tr>
<td>C HS 3133</td>
<td>Church History II</td>
<td>3</td>
</tr>
<tr>
<td>THEO 4133</td>
<td>Systematic Theology I</td>
<td>3</td>
</tr>
<tr>
<td>THEO 4143</td>
<td>Systematic Theology II</td>
<td>3</td>
</tr>
</tbody>
</table>

Upper division philosophy (including at least one history of philosophy course) | 6
Foreign or ancient language | 6

Total credits for theology and ministry | 33

In addition to the above specified courses, the student must complete a minimum of 20 credits in a second designated area of the SNU and have a total program concentration of no less than 60 credits.

*Non-Nazarenes can take an alternative elective*
Urban Ministry / Urban Studies

Multidisciplinary Major

This structured program concentration, offered in conjunction with the Department of Sociology, is designed for students wishing to invest their lives in urban ministry opportunities. Typically, students advised through the School of Theology and 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.

Program Course Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORE Courses</td>
<td></td>
</tr>
<tr>
<td>SP C 4213 / MISS 4213</td>
<td>Communication in Conflict Management</td>
</tr>
<tr>
<td>SP C 4213 / MISS 4233</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>PSY 1113</td>
<td>General Psychology I</td>
</tr>
<tr>
<td>PSY 3133</td>
<td>Human Development</td>
</tr>
<tr>
<td>SOC 1113</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SOC 3103</td>
<td>Race and Ethnicity</td>
</tr>
<tr>
<td>SOC 3153</td>
<td>Urban Sociology</td>
</tr>
<tr>
<td>SOC 3173</td>
<td>Juvenile Delinquency</td>
</tr>
<tr>
<td><strong>Total CORE credits</strong></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ministry / Mission Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRTH 1113</td>
<td>Introduction to Ministry</td>
</tr>
<tr>
<td>PRTH 4133</td>
<td>Church Growth and Christian Mission</td>
</tr>
<tr>
<td>PRTH 4163</td>
<td>Pastoral Leadership and Team Building</td>
</tr>
<tr>
<td>THEO 3113</td>
<td>Old Testament Theology</td>
</tr>
<tr>
<td>THEO 3133</td>
<td>Doctrine of Holiness</td>
</tr>
<tr>
<td>MISS 3183</td>
<td>Ministry Experience</td>
</tr>
<tr>
<td>B LT 3243 or B LT 4273</td>
<td>Matthew and Mark or Luke-Acts</td>
</tr>
<tr>
<td>B LT 3253 or B LT 4193</td>
<td>Pauline Epistles or General Epistles and Revelation</td>
</tr>
<tr>
<td><strong>Total ministry / missions credits</strong></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

Four three-credit electives from the list below: 12

SOC 3193  Criminology
SOC 3433  Death and Dying
SOC 4123  Sociology of the Family
SOC 4383  Social Stratification
SOC 4183 / MISS 4183  Cultural Anthropology
<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 3113</td>
<td>Social Psychology</td>
<td>3-12</td>
</tr>
<tr>
<td>PSY 3203</td>
<td>Industrial / Organizational Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 4103</td>
<td>Abnormal Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 4213</td>
<td>Principles of Counseling</td>
<td></td>
</tr>
</tbody>
</table>

*Total elective credits*  

15-24

*Total program credits*  

63-72
Being a Student at SNU

The pages in this section of the catalog deal with academic and student life policies of students admitted to and enrolled in courses at SNU. Academic policy questions should be directed to the Office of Academic Affairs. Questions about policies related to student life should be directed to the Office of Student Development.

Quick Links

- Academic Assistance (ACE)
- Academic Classification
- Academic Integrity
- Academic Probation / Eligibility
- Course Load Parameters
- Class Attendance
- Ethical Computer Use
  - Appropriate Use
  - Copyright
  - Plagiarism
  - Privacy
  - Security
- Grades and Grading Scale
- Honors and Awards
- Residence Life
- Student Conduct
Academic Classification at SNU

Academic classification is based on the credits accumulated and designated as follows:

Undergraduate Students

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

<table>
<thead>
<tr>
<th>Classification</th>
<th>Credits Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>0-23 credits</td>
</tr>
<tr>
<td>Sophomore</td>
<td>24-56 credits</td>
</tr>
<tr>
<td>Junior</td>
<td>57-89 credits</td>
</tr>
<tr>
<td>Senior</td>
<td>90 credits or more</td>
</tr>
</tbody>
</table>

Graduate Students

Graduate students are those who have already earned a bachelor’s degree and have been admitted to or are enrolled in a graduate program or course at SNU. Details of graduate classification can be found in the SNU graduate catalog.

Unclassified Students

Unclassified students include:

1. students who audit a class but are not admitted to a program of study,
2. pre-college students who have received special permission to cross-enroll while completing high school work, and
3. all other nondegree-seeking students.

Postgraduate Students

Postgraduate students are defined as those enrolled in undergraduate courses after having earned a bachelor’s degree. Such students will not have been admitted to any SNU graduate program.
Academic Integrity

Policies

SNU seeks to support and promote qualities of academic honesty and personal integrity in all aspects of life. Serious offenses against the SNU 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:

1. Submitting another's work as one's own with or without permission from the other individual.

2. Representing work completed by several individuals as Completing an assignment as a group and submitting multiple copies, representing the work either implicitly or explicitly completed individually.

3. Failing to properly acknowledge authorities quoted, cited or consulted, in the preparation of written work (plagiarism).

4. Using a textbook or notes during an examination without permission of the instructor.

5. Receiving or giving unauthorized help on assignments.

6. Stealing a problem solution from an instructor.

7. Tampering with experimental data to falsify desired results or creating results for experiments not done (“dry labbing”).

8. Tampering with or destroying the work of others.

9. Submitting substantial portions of the same academic work for credit or honors more than once without permission of the present instructor.

10. Lying about these or other academic matters.

11. Falsifying college records, forms or other documents.

12. Accessing of unauthorized computer systems or files.

13. 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.

Enforcement

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 SNU.
Copyright

The interests of authors, inventors and software developers in their products are protected by U.S. copyright and patent laws. Software license agreements serve to increase compliance with copyright and patent laws, and to help insure publishers, authors, and developers return on their investments.

Violating the copyrights or patents of computer software is against SNU policy and is a violation of state or federal law. Making your own copies of software having a restricted use license is theft.

It is against SNU policy to violate software agreements. The number of software users must not exceed the purchased software licensing.

The Digital Millennium Copyright Act of 1998 prohibits copying and/or distributing digital media files on the network.
Plagiarism

Originality, derivation, and the acknowledgement of sources and collaboration are essential to scholarship and the progress of knowledge. Respect for the work and personal expression of others is especially critical in computer environments. Plagiarism and copyright violations infringe on authorial integrity and are grounds for sanctions.

Students are expected to avoid all forms of academic dishonesty, including plagiarism, misrepresentation of authorship, and inappropriate collaboration on assignments. The Office of Academic Affairs will be notified of occurrences of academic dishonesty. Examples of academic dishonesty include such cases as the following:

- Turning in or submitting electronically someone else's work as one’s own with or without the other person’s knowledge or permission.

- An individual allowing another individual to turn in or submit electronically work and represented as their own.

- Completing an assignment as a group and submitting multiple copies electronically, representing the work either implicitly or explicitly completed individually.

- Using any part of someone else's work without proper acknowledgement.

- Stealing a solution from an instructor.

- Submitting work products that are substantially similar on an assignment that calls for independent work (for example - 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). Examples of academically honest practices include cases such as the following:

  - Turning in or submitting electronically work done alone or with the help of the course's staff.

  - Submitting one assignment for a group of students if group work is explicitly permitted or required.

  - Receiving or giving help to solve minor syntax errors.

  - Discussing assignment specifications to clarify understanding of the assignment.
Advanced Placement (AP)

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

Continued enrollment at SNU requires satisfactory progress toward an educational objective, as based on the following indicators:

1. The GPA for the last semester in which the student was enrolled.

2. The cumulative GPA for all college work that has been attempted by the student.

3. 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 credits 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 2.00 (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 areas (e.g., financial aid awards, athletics, etc.).

Students placed on academic probation are required to develop accountability and monitoring plans. These students will meet with an Academic Services staff member and sign an academic probation contract that outlines the semester's minimum probation requirements. This would include, but not be limited to, regular individual meetings with a representative of AS, participation in structured methods of group accountability or Student Support Services (SSS). 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.

For students on final probation, participation in school sponsored extracurricular activities, student government councils, auditioned performances, intercollegiate athletics, or off-campus touring may be restricted, as recommended by ACE 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 or designee, 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; if those conditions are not met, the
Students on academic probation must gain clearance through ACE before being allowed to finalize enrollment each semester. With the assistance of ACE personnel, probation students are required to develop a support and accountability plan designed to optimize their academic pursuits.
Course Load Parameters

A normal course load is 12-17 credits. Students entering SNU as freshmen will normally not be permitted to enroll for more than 17 credits of coursework. Provisionally admitted students are allowed to carry no more than 14 credits a semester, with the recommended load being 12-14 credits. An undergraduate student carrying at least 12 credits is considered to be a full-time student. A load of nine credits is defined as a three-quarter load, and a load of six credits is designated as a half-time load for undergraduate work.

Students are not permitted to enroll for more than 18 credits per semester without the approval of the Office of Academic Affairs. 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 credits of coursework that is on the student's degree program filed in the SNU Office of Financial Assistance.

Working 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: a) the number of semester credits in which the student expects to enroll, b) overall GPA, c) the level of the courses the student expects to take, and d) 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>Credits 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 Office of Academic Affairs. 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 Office of Academic Affairs.
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.

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 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 even for legitimate 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 Office of Academic Affairs may be sent. If the student has been warned and the attendance problems continue, the student may be withdrawn from the class.

Excused and Unexcused Absences

In recognizing that unavoidable circumstances may result in an occasional absence, 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 final course grade. Because a number of absences are allowed without penalty, no distinction is made between excused and unexcused absences. An instructor should clearly indicate in the course syllabus if the faculty member will consider some types of absences excused.

Intercollegiate Athletics Absences

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, cocurricular 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.

Unanticipated Absences

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 is 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.

**Absence Due to Late Registration**

In case of late registration, the student's responsibility is the same as in the case of other absences. The instructor's class attendance 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 Class Attendance**

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-credit class, or eight times from a five-credit class. These standards apply to veteran benefits and are set apart from any consideration of the attendance standards of SNU.
Appropriate Use

The primary purpose of computer communications systems and networks in an academic environment is to promote the free exchange of ideas and information, thus enhancing teaching and research. All on-line communications and behavior should respect the Wesleyan theological perspective of SNU.

SNU prohibits the use of computing resources 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 or audio files used to harass or intimidate are prohibited.

Chain letters, mass mailings, and all campus network broadcast messages are also examples of inappropriate uses of SNU electronic communications resources.

The use of SNU computers for commercial purposes requires prior approval by the Office of Academic Affairs.
Computer Use and Ethics

Policies

This Computer Use and Ethics policy relates to use of all computer facilities operated through SNU by students, employees, or guests for any purpose. SNU makes available computer facilities primarily for the use of students, faculty, and staff for purposes of research and instruction. We aspire that such facilities be used in faithful accord with the ethical perspective of the [Church of the Nazarene](https://nazarene.org) and the [Wesleyan-Arminian](https://wesleyan-arminian.org) theological tradition.

Respect for intellectual labor and creativity is vital to academic discourse and to the learning enterprise. This principle applies to works of all authors and publishers in all media. It encompasses respect for the right to acknowledgment, right to privacy, and right to determine the form, manner and terms of publication and distribution.

Because electronic information is so volatile and easily reproduced, respect for the work and personal expression of others is especially critical in computer environments. Violations of authorial integrity, including plagiarism and copyright violations, may be grounds for sanctions against members of the academic community.

The linked pages include SNU's principles and guidelines related to academic honesty, copyright, privacy, security, and appropriate use have been established to facilitate the ethical and responsible use of computers. Instructors or departments may impose additional requirements or restrictions in connection with course or departmental work.

Enforcement

SNU reserves the right to examine computer files as necessary to enforce these policies. Use of this computing system in any way contrary to applicable federal or state statutes or the policies of SNU is prohibited and will make users subject to SNU disciplinary actions and may also subject users to criminal penalties.

Violations of these policies and guidelines may result in the loss of a user’s computer use privileges. These privileges may be suspended immediately upon the discovery of a violation of these guidelines. The account may be removed or deactivated or privileges removed from one or all SNU computing systems permanently or until the matter is completely resolved.

SNU personnel discovering violations of these policies should report to their direct supervisor, who will report incidents to the appropriate office ([Office of Academic Affairs](https://nazarene.org), [Office of Student Development](https://nazarene.org), or [Office of Human Resources](https://nazarene.org)). Information related to violations will be shared among these offices and the appropriate disciplinary procedures will be followed in keeping with SNU policy for students and employees.

Violations of these policies will be dealt with in the same manner as violations of other SNU policies and may result in disciplinary review. In such a review, the full range of disciplinary sanctions is available. These include, but are not limited to, the loss of computer use privileges, immediate dismissal from SNU, 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.

Appeals related to any disciplinary actions resulting from violations of these policies should be taken to the student judicial council (student appeals) or the president’s cabinet (employee appeals).

The SNU Technology Advisory Committee will be responsible to periodically review and revise these policies. Final approval of these policies rests with the president’s cabinet.

Quick Links

- Appropriate Use
- Copyright
- Plagiarism
- Privacy
- Security
Privacy

Students, faculty, and staff who use the computer have the right to privacy and security of their computer programs and data. At the same time, SNU ownership of the computer system network implies a limited expectation of privacy. SNU reserves the right to view and/or retrieve any file or software stored on the computer or passing through the network.

Computer users should not tamper with files or information that belongs to other users or to the operating system.

Reading someone else's electronic mail without permission is a federal offense (Title 18 of the United States Code Section 2701). Computer system administrators are excluded for technical reasons. They are, however, prohibited from disclosing a user’s e-mail traffic to anyone, unless the user or the other party to the traffic gives permission.
Security

Owners and users of computer networks operate in an interdependent environment that necessitates joint ownership of institutional information. Reliability and accessibility of information is critical to the successful operations of SNU.

Accessing a computer system without authorization is a federal offense (Title 18 of the United States Code Section 2701).

Computer users must not attempt to modify system facilities or attempt to crash the system. Users should not attempt to subvert the restrictions associated with their computer accounts, the networks of which SNU is a member, or microcomputer software protections.

Loopholes in computer security systems or knowledge of a special password should not be used to breach security by:

- damaging computer systems or degrade the performance of a computer system
- obtaining extra resources or taking resources from another user
- gaining access to systems or use systems for which proper authorization has not been given
- falsifying SNU records, forms or other documents
- tampering with or destroying the work of others
Honors and Awards

To encourage scholarship and culture, SNU awards a number of academic honors to outstanding students.

Graduation Honors

The following academic honors are awarded upon graduation from SNU.

**Cum laude** - a student whose GPA for the entire college program is between 3.50 and 3.74 will be considered eligible for graduation with the honor cum laude.

**Magna cum laude** - a student whose GPA for the entire college program is between 3.75 and 3.89 will be considered eligible for graduation with the honor magna cum laude.

**Summa cum laude** - a student whose GPA for the entire college program is at least 3.90 will be considered eligible for graduation with the honor summa cum laude.

Other Honors / Awards

**University Marshals** - each year the students classified as juniors who have among highest GPAs are selected as university marshals. This is the highest collegiate honor attainable by student with junior standing. 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 SNU faculty selects two seniors enrolled in traditional programs as the outstanding man and woman of the graduating class. Candidates must have been enrolled in SNU 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.

**Semester Achievement Recognition** - at the end of each semester the Semester Achievement Recognition list names eligible students for recognition of high academic achievement. Students are eligible if they have a semester GPA of 3.70 or above, have no grade below "C", and have completed a minimum of 12 credits during the semester as a traditional undergraduate student.
Semester Excellence Recognition - at the end of each semester the President recognizes those traditional undergraduate students who have completed 12 credits or more during the semester with a GPA of 4.00.

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.

Alpha Lambda Delta - 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 3.60 on a first semester load of at least 15 credits, or a two-semester load of at least 30 credits. Members are active in the sophomore year.

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 3.25 after completing 62 credits, and must be in the top 20 percent of their total class in cumulative grades. Graduate members must have a cumulative GPA of 3.8 after completing 16 credits and must be in the top 20 percent of their total class in cumulative grades.

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 3.50 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.

Phi Delta Lambda - this organization is the national honor society of the colleges and universities of the Church of the Nazarene. The SNU affiliate is known as the Epsilon Chapter. The chapter is comprised of honor graduates of SNU’s traditional program (approximately the top 15 percent of 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 SNU. The minimum GPA of graduation with honors is 3.40.

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
Sigma Delta Pi - junior and senior students of Spanish may be elected to membership after completing 24 semester credits of Spanish (including at least three credits 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 people.

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 3.00 cumulative GPA, and have demonstrated academic integrity.
Student Conduct

Southern Nazarene University, as an educational institution sponsored by the Church of the Nazarene seeks to be distinctly and intentionally Christian in its mission and practice. As such we encourage members of our community to develop their minds, skills and talents under the Lordship of Jesus Christ.

We attempt to develop and interpret all we do from Christ-centered principles. As SNU develops strategies to help us accomplish our mission of "educating for responsible Christian living," we have adopted regulations that guide us as a Christian and an academic community in the Wesleyan-holiness tradition.

Some of these policies of conduct reflect God’s moral law, as expressed in the person of Jesus Christ and the teachings of Scripture. SNU has adopted regulations that emerge directly from our theological and moral perspectives.

Some of our policies reflect the civil law. SNU upholds strategies that are in accordance with codes established by civil authorities.

Some of our policies reflect our relationship with our sponsoring denomination, the Church of the Nazarene. Other policies are guided by institutional priorities.

SNU believes these policies are consistent with the mission and supports the development of a Christian academic community. By applying for and receiving admission to SNU, students freely and willingly choose to take upon themselves the responsibilities outlined in both this catalog and the SNU Student Handbook.

While we understand that not everyone holds the same perspective or degree of conviction on a given rule, we expect students to demonstrate respect and integrity in abiding by these strategies.

SNU’s Lifestyle Covenant, reflects behavioral commitments that are foundational to our life together. Detailed information on these policies and others are found in the SNU Student Handbook, or through the Office for Student Development. Students are responsible to become familiar with SNU policy expectations and those who violate these policies are subject to disciplinary action.
Grades

Grading System

Grade Appeal Provision

Academic Reprieve
Residence Life

Southern Nazarene University places value on a residential education experience. Residing on campus can contribute greatly to students’ development, enhancing their total educational experience. The rate of student persistence to the goal of graduation is, taken as a whole, greater for those who reside on campus.

A residential education at SNU includes a living-learning environment that promotes interpersonal development, academic achievement, and Christian discipleship through group interaction and programs.

Because of the priority placed on a residential education, single students under 22 years of age are required to live in residence at the SNU campus. Students living at home with parents have the option of either residing on campus, or maintaining their residence with their parent(s) at home.

Food service is provided to SNU by Sodexo Dining Services. Various meal plans are available so students can select an option that best suits their needs. Purchasing a meal plan is required of single students residing in campus housing.

A more detailed explanation of these polices is published in the SNU Student Handbook. Students can contact the Office of Student Development for detailed information as to any conditions under which an exception to policy requirements can be considered.
Academic Assistance
The Academic Center for Excellence (ACE)

The Academic Center for Excellence (ACE) seeks to facilitate the transition to the university environment, provide access to resources, and assist in the pursuit of academic excellence. All four departments of the Academic Center which include Academic Services, the Academic Resource Center, Disability Services and Student Support Services combine their knowledge and resources to aid students at SNU.
Academic Services (AS)

Academic Services is committed to assisting students in their academic transition to college as well as students who face academic challenges while progressing toward graduation. This occurs in a number of ways:

- personal academic counseling for students who are experiencing difficulty with their course work and would like to better manage their time;

- enrollment in Strategy Courses for support and vital academic skills to succeed academically and in life beyond college

- academic accountability for students who are required to develop a support, accountability plan designed to optimize their academic pursuits

- academic advising for students who are undeclared in a major and desire assistance in choosing coursework, information about various majors, and resources to assist in the discovery of personal interests, abilities, and career choices
Disability Services *(DS)*

SNU provides services for all students with disabilities as defined by the Americans with Disabilities Act of 1990 (ADA). A qualified person with a disability means: "an individual with a disability who, with or without reasonable modifications to rules, policies, or practices, the removal of architectural, communication, or transportation barriers, or the provision of auxiliary aids and service, meets the essential eligibility requirements for the receipt of services or the participation in programs or activities provided by a public entity"(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 from an accredited high school. Documentation provided to SNU 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 academic success are encouraged to contact ACE for further information.
Student Support Services (SSS)

SSS is a federally funded grant program providing various support services for students who are either first generation college students, persons with disability, or those meeting the government’s income criterion. This program strives to be an active part in the lives of students to equip and enable them to successfully complete a college degree through offering a variety of services:

- academic advisement and support
- life skills counseling
- academic success workshops
- cultural events
- technology lab and study center
- career counseling
The Academic Resource Center is committed to assisting all undergraduate students with continued development and enrichment of skills and strategies for success at SNU. ARC offers various academic support services:

- peer-led study sessions for many courses which enhance classroom instruction and improve academic progress,
- drop-in study support and tutoring which offer individual attention to those seeking general academic aid,
- supplemental instruction for selected courses,
- the Paper Resource Center (PRC) which supports students in all stages of the writing process.
- technology assisted learning
Academic Probation / Eligibility

Continued enrollment at SNU requires satisfactory progress toward an educational objective, as based on the following indicators:

1. The GPA for the last semester in which the student was enrolled.

2. The cumulative GPA for all college work that has been attempted by the student.

3. 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 credits 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 2.00 (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 areas (e.g., financial aid awards, athletics, etc.).

Students placed on academic probation are required to develop accountability and monitoring plans. These students will meet with an Academic Services staff member and sign an academic probation contract that outlines the semester's minimum probation requirements. This would include, but not be limited to, regular individual meetings with a representative of AS, participation in structured methods of group accountability or Student Support Services (SSS). 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.

For students on final probation, participation in school sponsored extracurricular activities, student government councils, auditioned performances, intercollegiate athletics, or off-campus touring may be restricted, as recommended by ACE 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 or designee, 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; if those conditions are not met, the
student may be withdrawn.

Students on academic probation must gain clearance through ACE before being allowed to finalize enrollment each semester. With the assistance of ACE personnel, probation students are required to develop a support and accountability plan designed to optimize their academic pursuits.
Academic Advising

Advisor Assignment

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. 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.

Should 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 a change is necessary, the student must submit a change of major / advisor form, available in the Office of the Registrar or the Office of Academic Affairs, and have it appropriately processed. 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 enroll, register, or change registration.

Accuracy of advisement is contingent upon the student having supplied accurate information to SNU regarding the 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 credits resulting from the student's failure to report such changes in a timely way will be the responsibility of the student.

Entry / Transfer Audit

Monitoring Academic Progress

Graduation Audit

Graduation Requirements

Petition Process

Application for Graduation
Degree Requirements at SNU

General Education

Associate of Arts

Bachelor of Arts

Bachelor of Music Education

Bachelor of Science

Second Baccalaureate Major

Multidisciplinary Concentration

Professional Studies Degrees

Graduate Degrees
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 B.A. degree. The 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 credits in a concentrated area of study.

Language requirements

Students expecting to enter graduate school are advised, but not required, to include foreign language (6-14 credits) in the course of study. The School of Music requires two semesters of French or German for the performance concentration.
Bachelor of Arts (B.A.)

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

Departmental Major / Minor

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

Language Requirements

Students are required to complete at least six credits of foreign language. Departments may prescribe additional credits of language.
Multidisciplinary Concentrations

A multidisciplinary concentration is a second program option for both the B.A. and B.S. degree tracks. Under the multidisciplinary concentration, the student will complete not less than 60 credits in courses related to the student's declared life objectives from two or more academic areas (departments, schools, academic programs). A minimum of 20 credits or the prescribed minor must be completed in each of 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 chairs of each of the primary academic areas. To facilitate planning and advisement, this document should be approved and filed in the Office of the Registrar (Bresee 102) no later than the end of a student’s sophomore year.
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.

Two types of concentrations are offered for this degree: instrumental/general, and vocal/general.

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.

Additional requirements for the B.Mus.Ed. degree include:

- The specified block of professional education credits that includes methods and student teaching.

- Specific music courses and special requirements and regulations, as outlined in this catalog under School of Music.
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 credits completed in each major. With careful planning, it may be possible for a student to complete a double major within the 124-credit minimum, although this is unlikely. It is more typical that completion of a double major will require more than 124 credits.

If a student has already completed one bachelor’s degree from SNU and subsequently wants to pursue a second major, a minimum of 30 additional credits is required. Fifteen of those 30 credits must be earned at SNU. 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 SNU, a minimum of 30 credits earned at SNU is required.
Graduate Degrees

**Master of Arts in Church Leadership** (M.A.C.L.)

**Master of Arts in Curriculum and Instruction** (M.A.C.I.)

**Master of Arts in Educational Leadership** (M.A.E.L)

**Master of Arts in Marriage and Family Therapy** (M.A.M.F.T.)

**Master of Arts in Theology** (M.A.T.)

**Master of Business Administration** (M.B.A)

**Master of Science in Management** (M.S.M.)

**Master of Science in Counseling Psychology** (M.S.C.P.)

**Master of Science in Nursing** (Education, Leadership) (M.S.N.E, M.S.N.L.)
The Associate of Arts degree is awarded on the completion of selected two-year programs. All students enrolling in an A.A. degree program must fulfill the regular requirements for admission to SNU. To complete these degree programs, the degree candidate must complete 62 credits of college work and maintain a cumulative GPA of 2.00. Thirty (30) credits must be completed at SNU and a minimum of 15 credits earned at SNU, (in residence) must be completed at the sophomore level or above. No more than nine credits of upper division credit count toward the residence requirement. If the student later wants to pursue a bachelor’s degree, the courses completed as part of the A.A. may apply.

Details for other Associate of Arts programs (e.g., business, communication arts) are located in their respective sections of this catalog (see links below)

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**A.A. in Aviation Business**  
**A.A. in Business**  
**A.A. in Communication and Cultural Studies**  
**A.A. in General Studies**
Baccalaureate Degrees

Undergraduate programs leading to baccalaureate degrees require a minimum of 124 credits. 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 credits.

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:

- To become a candidate for a degree, all admission requirements of SNU must be satisfied.

- To become a candidate for any baccalaureate degree, the student must have a minimum of 30 credits earned at SNU. Fifteen of the last 30 credits needed to meet graduation requirements or program completion must be taken at SNU. Additionally, a minimum of 15 credits of the student's major or concentration must be completed at SNU. Additional credits earned at SNU may be required by a department/school to complete a degree.

- Forty credits must be in courses numbered 3000 or above. Any exceptions require approval of the Office of Academic Affairs.

- To receive a degree, the candidate must have a cumulative GPA of 2.00 (on a 4.00 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.

- All students are expected to complete the designated set of General Education requirements as outlined in the General Education page of this catalog. The General Education CORE is a minimum requirement serving the liberal arts objectives of SNU. 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.
Commencement and Degree-Granting Dates

SNU grants degrees in August, December and May of each academic year. Commencements are held in May and December. All requirements for graduation must be completed to participate in a commencement. Students with outstanding requirements will participate in a subsequent commencement.

Students who complete all requirements for the degree may request an official transcript with a temporary degree statement to use until the degree is granted.
General Education Program

Goals

The General Education curriculum supports the liberal arts objectives of SNU 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.

Students will cultivate critical, creative, and technical skills both central to the liberal arts tradition and essential for successful career preparation: logical thought, clear written and oral expression, and mathematical reasoning and application. Specific emphasis will be given to thinking, reading, writing, speaking, researching and analyzing information, so that students will demonstrate the following skills:

- Analytical skills, creative and reflective thinking.

- Comprehension, critical reading, reading skills spanning a range of text and data types.

- Conventions of standard written English, clarify, audience awareness, organizational strategies, levels of formality.

- Presentation skills in public and interpersonal settings, group dynamics, nonverbal and intercultural awareness.

- Locating, evaluating, and using information in ethical and academically acceptable ways.

- Quantitative skills and thinking, logic, problem solving.

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. 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 and alumni will demonstrate the following value-oriented habits and attitudes:

- Fitness, long-term wellness practices and knowledge of health risks, recreational skills, self-maintenance.

- Self-concept, family relationships, human development.
• Long-range planning and financial responsibility, sharing resources, environmental concerns and global responsibility.

• Community service, participatory view of government engagement, global thinking.

• Multicultural awareness, understanding perspectives and differences arising from points of view, respect of persons and traditions.

• Tenets of orthodox Christianity, understanding of Wesleyan-holiness theological tradition, Scriptural bases for ethical behavior, practical theology and habits of personal piety.

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 demonstrate contextualized understandings that link theory and practice in the following areas:

• Key events and themes in history, major world civilizations, global heritage.

• Arts exposure, aesthetic appreciation, major movements in Western art theory and expression, classic-popular culture relationships, language and cultural perspectives, Christianity and cultures.

• Assumptions and questions driving philosophical thinking, informing ideas for Western culture and major world cultures and religions, implications for Christians.

• Definitions of personhood, changes in the family, technology and social change, global, political, economic and environmental issues.

• Scientific practices, theories, applications, controversies, responsibilities, impact on daily life.

• Biblical texts, canonicity, key Old and New Testament narratives, storyline of the Bible, hermeneutics in the Wesleyan theological tradition.

**Curriculum Requirement Areas**

The General Education curriculum consists of the following coursework that falls into two broad areas: **CHOICE** (42 credits) and **CORE** (21 credits). 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 requirements of this catalog and/or program handbooks, and are indicated in the course options listed on the established audit and advising system. Any exceptions to requirements not specified in this catalog must be approved by petition.
CORE Requirements

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 AND CULTURE theme seeks to raise fundamental questions about individual and corporate identity and responsibility. The FAITH AND TRADITION theme leads to a meaningful understanding of heritage and tradition and a careful scrutiny of contemporary conditions and assumptions. The SERVICE AND 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 2013 or HP 2023**
- **ART 2123 / FA 2123**
- **ENGL 2413**
- **BLT 3013 / GS 3013**
- **PHIL 2013**
- **THEO 2233 / GS 2233**
- **NS 3043**
- **PSY 3013 / SOC 3013**

World Civilizations I or II
Introduction to Fine Arts
Introduction to Literature
Introduction to Biblical Interpretation
Introduction to Philosophy
Introduction to Christian Thought
Science, Technology, and Society
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 various departmental requirements of this catalog or in official department handbooks.) Any CORE requirement exceptions not specified in this catalog must be approved by petition (refer to Monitoring Progress for information on the petition process). Because the General Education CORE requirements are essential to the formation of a well-founded Christian worldview, students with transfer coursework should normally expect to complete a minimum of 12-15 credits of these CORE requirements while in residence at SNU.
CHOICE Requirements

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 Office of the Registrar on the basis of ACT / SAT scores and high school course records. A track reassignment may be requested through the end of the freshman year, at which point track assignment (Track I, Track II, Track III) for all students will be reviewed and finalized.

Standard courses and approved substitutions, along with applicable CLEP and AP tests, are indicated in the semester Schedule of Classes and appear as course options in the established audit and advising system. Certain programs of study may require or recommend particular course substitutions for their majors, which are noted in the various departmental requirements of this catalog or in official department handbooks. Some requirements may not apply to all students.

Electives are designed to encourage students to explore areas of interest; they may include activity courses up to four credits, 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.
Track I
(Provisional Advising Track)

Students entering SNU with provisional admission status (ACT 18 or below) are expected to enroll in these standard General Education courses in the CHOICE area to satisfy General Education curriculum requirements:

- **G S 1031** Orienting to College / New Student Institute (NSI)
- **G S 0113** University Study Strategies
- **G S 1213** Critical Thinking Strategies
- **CSNE 1113** Integrated Software Applications
  *(passing Computing Proficiency Test allows taking an elective instead)*
- **ENGL 1113** Composition I: Exposition
  *(with ENGL 0131 Writing Workshop I)*
- **ENGL 1213** Composition II: Argumentation
  *(with ENGL 0141 Writing Workshop II)*
- **MATH 1113** Math Concepts (any section)
- **BIO 1113** Introduction to Biology
- Laboratory course in physical science (any three credits listed)
- **N S 1143** or **N S 1123** Earth and Sky or Introduction to Astronomy
- **HP 1483** or **HP 1493** U.S. History I or U.S. History II
- **HP 1113** American Federal Government
- **PEG 1001** Lifetime Wellness (plus a one-credit activity course)
- **SP C 1133** Introduction to Speech Communication
- **B LT 1163** / **G S 1163** Introduction to Biblical Literature
  *(passing Biblical Literature Placement Test allows options beyond introductory coursework)*
- **PRTH 3023** / **G S 3023** Ministry, Church, and Society
- **ECO 3033** Business, Economics and Society

Three elective credits
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 (GS 0113) and Critical Thinking Strategies (GS 1213), 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 more than 124 credits. Provisionally admitted students must also meet any other remedial coursework 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 coursework in a specified major.

Provisionally admitted students who complete the freshman year with a cumulative GPA of 2.00 or above, with sufficient credits completed to demonstrate academic progress, and are in good standing with the Academic Center for Excellence (ACE), will be reassigned to the standard advising track (Track II).
Track II
(Standard Advising Track)

**GS 1031**  Orienting to College (OTC) / New Student Institute (NSI)

**CSNE 1113**  Integrated Applications Software
     *(passing Computing Proficiency Test allows taking elective alternative)*

**ENGL 1113**  Composition I: Exposition

**ENGL 1213**  Composition II: Argumentation

**MATH (3 credits)**  Mathematics course

**BIO or N S (3 credits)**  Laboratory science course

**HP (3 credits)**  American history or government course

**PSY or SOC (3 credits)**  One approved course in psychology or sociology as noted in advising system

**PEG 1001 / PEG (2 credits)**  Lifetime Wellness plus a one-credit activity course

**SP C (3 credits)**  Speech course

**B LT 1163 / G S 1163**  Introduction to Biblical Literature
     *(passing Bib. Lit. placement test allows taking an alternative BLT course)*

**PRTH 3023 / G S 3023**  Ministry, Church, and Society

**ECO 3033**  Business, Economics and Society

Three elective credits
Track III
(Enrichment Advising Track)

Students entering SNU on the Dean's, President's, or Honors Scholarships (ACT 25 or above) may satisfy some General Education requirements in the CHOICE area with course options as follows:

1. Substitute one elective course for Composition I: Exposition (ENGL 1113) (unless otherwise indicated on the entry audit)

2. Substitute four designated General Studies Elective (GSE) courses, each drawn from one of these four areas, for the standard mathematics, science, and history requirements:
   a. Math / science
   b. Social science / statistics
   c. History / philosophy
   d. Literature / arts / religion

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 (advising system notations indicate options)

Track III is unique in the range of course choices offered, the opportunity to meet other top students in General Studies Elective (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.

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 and 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 class schedule for each semester.

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.

Track III students must maintain a minimum 3.50 cumulative GPA at the end of the first two semesters to remain in this advising track; those with less than a 3.00 cumulative GPA will be reassigned to Track II. Track III students with a cumulative GPA between 3.00 and 3.50 may petition to continue to be advised in Track III, 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 3.50.
Registration
These procedures are subject to change.

New Students

After a student has been accepted to SNU through the admissions process and has received the registration packet and completed and returned the forms, enrollment for classes will follow these steps:

- The student will be assigned an advisor to assist in academic program planning.

- The advisor will contact the student to discuss their academic goals and assist in enrolling the student in their first semester of coursework.


- The Office of Student Development should be contacted with questions regarding campus housing.

Current Students

Calendar dates are set each semester for current students to begin enrolling in courses for the following semester. Students should set appointments with their advisor well in advance of the scheduled enrollment dates.
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 Office of Academic Affairs in consultation with the course instructor on the basis of prior work that has especially prepared the student for advanced coursework. Exceptions for Track III students are indicated on electronic audit and advising system.
Changes in Registration
(Additional Course Enrollment / Course Withdrawal 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:

- the change must be verified through the Office of the Registrar
- financial adjustments must be made with 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. In addition, some changes may require the approval of a department/school chair and/or the Office of Academic Affairs. No change in registration (withdrawal from a course or school) may be processed after the end of the 12th week of the term without special permission through the Office of Academic Affairs.

Additional Course Enrollment

<table>
<thead>
<tr>
<th>Term</th>
<th>No permission required to enroll</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 Office of Academic Affairs must be obtained to enroll in an additional course after the times specified above.

Course Withdrawal

Withdrawal from courses will be indicated on the transcript as follows:

<table>
<thead>
<tr>
<th>Term</th>
<th>No transcript record</th>
<th>&quot;W&quot; on transcript</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>

Students may enroll in open courses without special instructor permission as follows:

Special permission to withdraw from courses after the deadline must be obtained through the Office of Academic Affairs.
Course Audit

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 coursework, etc.). Not all courses offered by SNU 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 and then re-enroll for the course on an audit basis. Conversely, a course enrolled for audit may not be transferred directly to enrollment for credit without the approval of the course instructor and the Office of Academic Affairs. Such a change must also follow the appropriate process for changing the course registration.
Study Abroad

SNU seeks to assist our students in understanding and appreciating what it means to live as Christians in a multiethnic, 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 SNU. 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

Other Study Abroad Programs

Part-time Study Abroad
Reserve Officers' Training Corps Program (ROTC)

Army ROTC

Air Force ROTC
ROTC Opportunities

Air Force ROTC at OU

Southern Nazarene students have a unique opportunity to join Air Force Reserve Office Training Corps (AFROTC) while attending SNU. A cooperative agreement with 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 credits. 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 U.S. Air Force and also have a guaranteed job after graduation.

Enroll in the OU Air Force ROTC Program

Army ROTC at UCO

Two-year and four-year programs are available to SNU students through a cooperative agreement with the University of Central Oklahoma (UCO). This allows students to commute to UCO and attend Army ROTC classes while continuing to pursue a degree at SNU.

Through the Army ROTC, the Department of Military Science offers two programs to qualified students leading to a commission as a Second Lieutenant in the U.S. Army, the Army Reserves, or the Army National Guard.

General Program Information

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.

Enrollment in basic course classes will not incur a military obligation.

Students taking military science courses will pay the current tuition and fee rates required by UCO.

Grades and credits for the completion of ROTC courses will be transferred to the student’s permanent records at SNU.

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.
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, contact the Military Science Department at the University of Central Oklahoma, (405) 974-5166.
Council for Christian Colleges and Universities

(CCCU)

The CCCU, an association of 105 campuses in the U.S. and Canada, offers semester and summer programs to students of its member institutions. The programs offer a unique opportunity for students to make the world their classroom, going beyond the confines of the traditional classroom. These interdisciplinary learning opportunities are available to second-semester sophomores, juniors and seniors.

For further information, contact either the CCCU programs coordinator or the CCCU.
The Au Sable Institute provides university level courses with transferable credits to over 50 colleges and universities, the framework and services for sustainable community-building, environmental education and restoration for school children and adults, facilities for community and environmental organizations, community and regional conferences and retreats, and outreach services. We do this in the Great Lakes Forest of northern Michigan, Puget Sound in the Pacific Northwest, in South Florida, and South India.
Quetzal Education and Research Center (QERC)

The QERC seeks to promote biodiversity, conservation, and sustainability in global and local communities.

To this end, we involve students and researchers from around the world, including the host country, to engage in dialogue and research focused on the tropical cloud forest and its floral and faunal community for the purpose of enhancing its sustainability. The QERC works to integrate local farmers with research scientists, educators, and students from around the world in the effort to merge good conservation practice and economic viability in the local community.

This research center sprang into existence in 1986 out of the relationship begun between SNU and the Efrain Chacon family, who pioneered the settling of the Savegre Valley in 1952. This partnership resulted in the completion of construction of a small laboratory in 1996 and a larger educational and research facility in May 2001. It is expected by all involved that this relationship will continue into the next century as the practical implications of the broad ideal of ecological sustainability are worked through by those involved in this partnership.
Focus on the Family Institute

Students from SNU may choose to participate in the Focus on the Family Institute, 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 12 credits. Program applications can be obtained here and signed by the SNU study abroad director.
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 Office of Financial Assistance before completing withdrawal. A student will not be officially withdrawn nor will any refund of tuition be given (see Financial Information) unless withdrawal is made in the prescribed manner.

When a student has enrolled for a future semester and is unable to return to SNU, the Office of the Registrar should be notified to initiate cancellation of the enrollment. If the reason for not planning to return is financial, it is strongly recommended 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 ACE prior to making a final decision to cancel enrollment.
## Honors Program

### Admission Criteria

Entrance into the Honors Program is determined by the Honors Program Committee on the basis of the following criteria:

- Score of 25 or greater on the ACT
- Personal essay or portfolio submitted by the student
- Reference letters
- Honors coursework in high school
- Overall high school academic work
- In order to continue in the program, students must retain a cumulative GPA of 3.50 or higher.

### Course Options

The Honors Program consists of the following curricula:

**For students starting as freshmen at SNU:**

<table>
<thead>
<tr>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Track III GSE</td>
</tr>
<tr>
<td>2</td>
<td>Freshman Seminar</td>
</tr>
<tr>
<td>2-3</td>
<td>Research and Argumentative Writing (ENGL 2213) or two semesters of Advanced Academic Writing (ENGL 4901) *</td>
</tr>
<tr>
<td>2-3</td>
<td>Honors project (upper division credit in chosen major)</td>
</tr>
<tr>
<td>1-3</td>
<td>Cross-cultural experience (off-campus or study abroad) #</td>
</tr>
<tr>
<td>1-3</td>
<td>Service learning</td>
</tr>
<tr>
<td>6</td>
<td>Interdisciplinary CORE course with literature/fine arts/philosophy emphasis - e.g., World Civilizations I and II (HP 2013 and HP 2023)</td>
</tr>
<tr>
<td>26-32</td>
<td>Total credits</td>
</tr>
</tbody>
</table>

**For transfer students:**

<table>
<thead>
<tr>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Track III GSE</td>
</tr>
<tr>
<td>1</td>
<td>Freshman Seminar</td>
</tr>
<tr>
<td>2</td>
<td>Two semesters of Advanced Academic Writing (ENGL 4901)*</td>
</tr>
<tr>
<td>2-3</td>
<td>Honors project (upper division credit in chosen major)</td>
</tr>
<tr>
<td>1-3</td>
<td>Cross-cultural experience (off-campus or study abroad) #</td>
</tr>
<tr>
<td>1-3</td>
<td>Service learning</td>
</tr>
<tr>
<td>3</td>
<td>Interdisciplinary CORE course with literature/fine arts/philosophy emphasis - e.g., World Civilizations I or II (HP 2013 and 2023)</td>
</tr>
<tr>
<td>22-27</td>
<td>Total credits</td>
</tr>
</tbody>
</table>

* Advanced Academic Writing (ENGL 4901) is taken concurrently with an upper division class in the chosen major to produce a graduate school writing sample or conference/journal submission.
# Travel course, CCCU program experience, or approved internship
For costs and financial assistance information, go to our main SNU Website.
Full-time Faculty Listing
by Department / School

Note: this page is updated each semester as needed.

Administration

Gresham, Loren P. (1969)
University President
B.A., Pasadena College
M.A., University of Southern California
Ph.D., University of Oklahoma

Allen, A. Patrick (2005)
University Provost
B.A., Olivet Nazarene University
M.A., Southern Methodist University
M.S.M., Southern Nazarene University
Ph.D., University of Oklahoma

Nance, Donna (2007)
Vice President for Business and Financial Affairs
B.S., Hope College
M.B.A., Oklahoma City University
CPA, Certified Public Accountant

Toler, Terry (2000)
Vice President for Church Relations
A.A., Ohio Christian University
B.A., Southern Nazarene University
M.Min., Southern Nazarene University
Ed.D., University of Sarasota

Strawn, Brad (2006)
Professor / Vice President for Spiritual Development
B.A., Point Loma Nazarene University
M.A., Fuller Theological Seminary
Ph.D., School of Psychology, Fuller Theological Seminary

Brooks, Michael (1987)
Vice President for Student Development
B.A., MidAmerica Nazarene College
Ed.M., Oregon State University

Alexander, David (1998)
Vice President for University Advancement
B.A., Point Loma Nazarene University
M.Mus., California State University
Ed.D., University of Illinois
Hackler, Gwen Ladd (1983)
Vice Provost for Academic Administration
B.A., Bethany Nazarene College
M.A., University of Kansas
Ph.D., University of Kansas

Banz, Martha L. (1986)
Vice Provost and Dean, Undergraduate College
B.A., Bethany Nazarene College
M.S., University of Oklahoma
Ph.D., University of Oklahoma

Berryman, W. Davis (2002)
Vice Provost and Dean, College of Professional and Graduate Studies
B.S., Washington University
M.S., Case Western Reserve University
M.B.A., Kent State University
Ph.D., Michigan State University

Departments

Department of Art and Design
Department of Biology
Department of Chemistry
Department of Computer Science / Network Engineering
Department of English
Department of History, Politics and Geography
Department of Kinesiology
Department of Mathematics
Department of Modern Language
Department of Physics
Department of Psychology
Department of Sociology
Department of Speech Communication

Schools

School of Business
School of Education
School of Music
School of Nursing
School of Professional Studies
School of Theology and Ministry

Support Departments
Retired / Emeriti Faculty
Henck, Loral Mc Donald (Fall 2000)
Associate Professor / Director and Chair, Academic Center for Excellence
B.S., Bethany Nazarene College
M.A., Northeastern State University
Reading Specialist Certification, Northeastern State University
Candidate for Ed.D., Oklahoma State University
Department of Art and Design

Feisal, Marcia (Fall 1990)
Assistant Professor / Chair, Department of Art and Design
B.S., University of Oklahoma
M.A., Southern Nazarene University
Graduate studies, University of Oklahoma Gaylord College of Journalism and Mass Communication

Porch, Whitney (Fall 2007)
Professional in Residence / Department of Art and Design
B.F.A., University of Oklahoma
M.F.A., University of Notre Dame
Department of Athletics

Martin, Bobby Gene (Fall 1979)
Assistant Professor / Athletic Director
B.S., Bethany Nazarene College
M.A., Central State Univeristy
Department of Biology

Halliday, Nancy (Fall 1995)
Professor of Biology/Acting Chair, Division of Science and Mathematics
B.Mus., Eastman School of Music
B.S., Southern Nazarene University
Ph.D., University of Oklahoma College of Medicine

Hanson, Wesley H. (Fall 1999)
Professor of Biology and Chemistry / Chair, Department of Biology
B.A., Bemidji State College
Ph.D., University of North Dakota
Postdoctoral studies, Madison VA Hospital-University of Wisconsin
Postdoctoral studies, Human Nutrition Laboratory, ND

Siegfried, Dennis (Spring 2006)
Assistant Professor of Biology
B.A., Malone College
M.Ed., Ashland University
Ph.D., University of Oklahoma

Young, Sharon (Fall 1968)
Professor of Biology
B.S., Bethany Nazarene College
M.S., Oklahoma State University
Ph.D., Oklahoma State University
School of Business

Herskowitz, Thomas (Fall 2005)
Associate Professor / Chair, School of Business
B.A. in Biology, Westmont College
M.B.A, University of California, Los Angeles
J.D., Loyola Law School, Los Angeles

Garrett, J. Rendall (Fall 1976)
Assistant Professor
B.S., Bethany Nazarene College
M.S.A., Oklahoma City University
Certified Public Accountant

Jones, Mary E. (Fall 2006)
Professor
B.S. in Business Administration, Emporia State University
M.B.A. in Management, Rockhurst College
Education Specialist in Higher Education Administration, University of Missouri-Kansas City
Ph.D. in Educational Administration, University of Missouri-Kansas City

Mills, Larry (Fall 1969)
Professor
C.M.A., Institute of Management Accounting
B.S. in Business Administration, Southern Nazarene University
M.B.A., University of Oklahoma
Ph.D. in Management, University of Oklahoma

Powell, Cynthia (Fall 1985)
Assistant Professor
B.S. in Accounting, Southern Nazarene University
M.B.A., University of Central Oklahoma
Certified Public Accountant

Spindle, Randall (Fall 1999)
Professor
B.A. in Religion and Liberal Studies, Southern Nazarene University
M.A. in History and Secondary Education, Southern Nazarene University
Ed.D. in History and Higher Education, Oklahoma State University
J.D., University of Oklahoma Law School

Tang, Jiu Hong (Fall 2006)
Assistant Professor
B.S. in International Finance, Wuhan University (China)
M.S. in Computer Science, University of Illinois at Chicago
Ph.D. in Finance Engineering, University of Illinois at Chicago
Department of Chemistry

Cox, Daryl G. (Fall 1997)
Professor of Chemistry
B.A. in Chemistry, Greenville College
Ph.D. in Chemistry, University of Iowa

Reinbold, Paul E. (Fall 1970)
Professor of Chemistry / Chair, Department of Chemistry
B.A., Olivet Nazarene University
M.S., Purdue University
Ph.D., Texas A&M University

Crow, Lisa (Spring 2008)
Assistant Professor of Chemistry
B.A., Greenville College
M.S., University of Oklahoma
Ph.D., University of Oklahoma
Department of Computer Science / Network Engineering

Eskridge, Brent (Fall 2004)
Assistant Professor
B.S., Southern Nazarene University
M.S., University of Oklahoma

Rodgers, Gwen (Fall 2007)
Assistant Professor
B.S., Southern Nazarene University
M.S., Southern Nazarene University
MCP, Microsoft Certified Professional
COI, Certified Online Instructor

Tabers, Jimmie D. (Fall 1980)
Associate Professor / Chair, Department of Computer Science / Network Engineering
B.A., Trevecca Nazarene College
M.S., University of Oklahoma
CNI, Novell Certification
MCT, Microsoft Certification
CCNA, Cisco Systems Certification
CISSP, International Information Systems Security Certification Consortium
School of Education

Cantrell, Janice (Fall 2006)
Professor of Education / Director, Master of Arts in Curriculum and Instruction
B.S., University of Central Oklahoma
M.A., University of Oklahoma
Ph.D., University of Oklahoma

De Vries, Beverly (Fall 1993)
Professor of Education
B.A., Northwestern College
M.A., Western Michigan University
Ed.D., Oklahoma State University

Keoppel, Kenneth (Fall 1981)
Professor of Education
B.A., Bethany Nazarene College
M.A., Bethany Nazarene College
Ph.D., University of Oklahoma

Eskridge, Mary (Fall 1996)
Professor of Education
B.S., Bethany Nazarene College
M.A., Southern Nazarene University
Graduate Studies, University of Central Oklahoma
Ed.D., Oklahoma State University

Thompson, Betty Lou (Fall 1986)
Associate Professor of Education
B.S., Bethany Nazarene College
M.A., Bethany Nazarene College
Coursework for Ed.D. completed, University of Oklahoma

Taylor, J. Timothy (Fall 1995)
Professor of Education / Director, Teacher Education
B.M.E., Bethany Nazarene College
Graduate Studies, University of Arkansas
M.Ed., Northeastern Oklahoma State University
Ed.D., Oklahoma State University

Tullis, Rex (Fall 1995)
Professor of Education / Chair, School of Education
B.A., Marion College
M.Ed., Indiana University
Ed.D., Ball State University
Department of English

Bracken, Pamela (Fall 1994)
Associate Professor of English
B.A., Bethany Nazarene College
M.A., Southern Nazarene University
Ph.D., Catholic University of America

Case, Stephoni (Fall 2006)
Assistant Professor of English
B.A., Bethany Nazarene College
M.A., Southern Nazarene University
Graduate study, University of California at Bakersfield
Ph.D. program, Oklahoma State University

Poteet, Margaret (Peggy) (Fall 1988)
Professor of English / Chair, Department of English
B.A., Northwest Nazarene College
M.A., California State College at Los Angeles
Ph.D., University of Oklahoma

Weaver, Gina (Fall 2006)
Assistant Professor of English
B.A., Southern Nazarene University
M.A., Rice University
Ph.D., Rice University

Wilcox, James Galen (Fall 1979)
Associate Professor of English
B.A., Northwest Nazarene College
Graduate study, Nazarene Theological Seminary
M.A., University of Missouri-Kansas City
Graduate study, Central State University
Graduate study, University of Oklahoma
Department of History, Politics and Geography

Clemmer, Heather (Fall 2006)
Assistant Professor
B.S., Southern Nazarene University
B.A., Southern Nazarene University
M.A., University of Oklahoma
A.B.D. (Ph.D. course work and exams completed), University of Oklahoma

Lively, Robert John (Fall 1980)
Professor of History / Chair, Department of History, Politics and Geography
B.A., Bethany Nazarene College
M.A., Bethany Nazarene College
Graduate study, Oklahoma State University
Ph.D., University of Oklahoma

Williams, Dennis C. (Spring 1994)
Professor of History / Director, General Education
B.A., Southern Nazarene University
M.A., Texas Tech University
Ph.D., Texas Tech University
**Department of Kinesiology**

**Goodman, Sylvia** *(Fall 2001)*
Professor / Chair, Department of Kinesiology / Director, Athletic Training Education Program  
B.S., Taylor University  
A.T.C., Certified Athletic Trainer  
M.A., Miami University  
Ed.D., Boston University

**Moss, Crayton L.** *(Fall 1994)*
Professor  
B.A., MidAmerica Nazarene College  
M.S., Central Missouri State University  
Ed.D., University of Kansas

**Shellenberger, Stephane** *(Fall 1977-1985; Fall 1992)*
Assistant Professor / Associate Athletic Director  
B.S., Bethany Nazarene College  
M.A., Central State University
Learning Resource Center

Achipa, Joshua M. (Spring 1997)
Assistant Professor of Library Science
B.A., Washington Bible College
M.R.E., Liberty Baptist Theological Seminary
M.S., Clarion University

Pauley, Joy E. (Fall 1980)
Assistant Professor of Library Science
B.A., Bethany Nazarene College
M.L.Sc., University of Oklahoma

Reinbold, Janice K. (Fall 1975)
Associate Professor of Library Science / Director, R.T. Williams Learning Resources Center
B.A., Olivet Nazarene College
M.A., Bethany Nazarene College
M.L.Sc., University of Oklahoma
Department of Mathematics

Lance, Gary (Fall 1968)
Associate Professor
B.S., Oklahoma State University
M.S., Oklahoma State University
Ph.D. coursework, Oklahoma State University

Turner, Virgil Lee (Fall 1978)
Professor / Chair, Department of Mathematics
B.A., Olivet Nazarene University
M.S., University of Iowa
Graduate study, Georgia Institute of Technology
Ph.D., University of Oklahoma

Wantz, Kenneth H. (Fall 1999)
Professor
B.S., Eastern Nazarene College
M.S., University of Delaware
Ph.D., University of Delaware
Department of Modern Languages

Johnson, Frank (Fall 2005)
Assistant Professor / Chair, Department of Modern Languages
B.A., Oklahoma Baptist University
M.Div., Boston University
M.B.A., Boston University
D.Min., Southwestern Baptist Theological Seminary
American Translator Association Certification for Spanish into English Translation
School of Music

Ambrosini, Rebekah (Fall 2006)
Assistant Professor
B.Mus., Oklahoma City University
M.A. in Performing Arts, Oklahoma City University
Graduate Study, University of Oklahoma

Ballweg, D. Brent (Spring 2000)
Professor
B.M., Oklahoma Baptist University
M.M., Southwestern Baptist Theological Seminary
D.M.A., University of Missouri–Kansas City

Betts, Steven (Fall 2001)
Professor
B.A., Piano performance, MidAmerica Nazarene University
M.M., Piano performance/pedagogy, Wichita State University
Ph.D., Music Education/Piano pedagogy, University of Oklahoma

Lewis, Melissa (Fall 1999)
Associate Professor
B.S., Southern Nazarene University
M.M., University of Cincinnati College-Conservatory of Music
D.M.A., University of Cincinnati College-Conservatory of Music

Moore, Philip A. (Fall 1981)
Professor / Chair, School of Music
B.Mus.Ed., Bethany Nazarene College
M.Mus.Ed., University of Oklahoma
D.M.A., University of Oklahoma

Reighard, Mark (Fall 1969)
Professor
B.Mus.Ed., Bethany Nazarene College
M.A., University of Oklahoma
D.M.A., University of Oklahoma

Rosfeld, Kenneth (Fall 2005)
Professional in Residence / Director, Music Business Program
B.A., Southern Nazarene University
School of Nursing

Campbell-Detrixhe, Dia D.  (Fall 2004)
Assistant Professor / Director, R.N./B.S. Professional Studies Program
B.S., University of Oklahoma Health Sciences Center
M.S., University of Oklahoma Health Sciences Center

Dorough, Carol  (Fall 2003)
Associate Professor / Chair, School of Nursing
B.S., Southern Nazarene University
B.S.N., Southern Nazarene University
M.S.N., University of Texas at Tyler
Ed.D. studies, Nova Southeastern University, Florida

Hampton, Peggy  (Fall 2005)
Assistant Professor
B.S.N., University of Central Oklahoma
M.S., Southern Nazarene University

Hibbert, Mary  (Fall 1995)
Associate Professor
B.S., Pittsburg State University
M.S., University of Kansas
Postgraduate studies, University of Kansas
Postgraduate studies, Texas Woman's University

Hill, Donna J.  (Spring 2006)
Assistant Professor
B.S.N., Oklahoma Baptist University
M.S., University of Oklahoma

Latham, Debra Deanne  (Fall 2005)
Assistant Professor
A.D.N, Redlands Community College
B.S.N., Southern Nazarene University
M.S., University of Oklahoma

McArthur, Donna R.  (Fall 2006)
Assistant Professor
B.S., Southern Nazarene University
B.S.N., Southern Nazarene University
M.S.N., Southern Nazarene University

O'Neil, Laura  (Fall 2005)
Assistant Professor
B.S.N., University of Oklahoma
M.S., University of Oklahoma
Department of Physics

**Neuenschwander, Dwight E.** *(Fall 1986)*  
Professor of Physics / Chair, Department of Physics  
B.S., University of Southern Colorado  
Ph.D., Arizona State University

**Winslow, Mark** *(Fall 2004)*  
Associate Professor of Physics and Science Education  
B.S., Greenville College  
M.S., University of Kansas  
Postgraduate studies (Ph.D. coursework completed), Kansas State University
School of Professional Studies

Berryman, W. Davis (Summer 2002)
Professor / Vice Provost and Dean, College of Professional and Graduate Studies
B.S., Washington University
M.S., Case Western Reserve University
M.B.A., Kent State University
Ph.D., Michigan State University

Ghost Bear, Anne A. (Fall 2002)
Assistant Professor/Director, Tulsa Center
B.S., East Central University
M.S. in Adult Education, Oklahoma State University
Ed.D. in Adult Education, Oklahoma State University

Hutchings-Wedel, Catherine A. (Fall 1988)
Professor/Director, Organizational Leadership
B.A., Southern Nazarene University
M.A., Southern Nazarene University
Ed.D., Oklahoma State University

Joiner, Delilah G. (Fall 1981)
Associate Professor/Director, Family Studies and Gerontology
B.A., Bethany Nazarene College
M.Ed., Central State University
Ed.D., Oklahoma State University

Lively, Sue Anne (Fall 1980)
Professor/Director, Alternative and Prior Learning
B.S., Bethany Nazarene College
M.A., Bethany Nazarene College
Ed.D., Oklahoma State University

Miner, Linda A. (Fall 1990)
Professor/Director of Academic Programs (Tulsa Center)
B.S., University of Kansas
M.S., University of Kansas
Ph.D., University of Minnesota

Muthalaly, A. Koshy (Fall 1999)
Professor
B.A.(Hons), Bangalore University, India
B.D., Union Biblical Seminary, Maharashtra, India
M.Th., United Theological College (Serampore University)
Ph.D., Southern Baptist Theological Seminary

Smith, Jimmie D. (1987-1989; Fall 1991)
Associate Professor/Associate Director, Organizational Leadership
B.A., Bethany Nazarene College
M.A., Bethany Nazarene College
Ph.D. Candidate, University of Oklahoma

Stout, Sheila J. (Fall 1999)
Associate Professor
B.A., Southern Nazarene University
M.A.F.T., Southern Nazarene University
Postgraduate studies, Oklahoma State University
Department of Psychology

Budd, Philip R. (Fall 1993)
Professor / Director, Graduate Programs in Counseling
B.A., Mount Vernon Nazarene College
Graduate study, California State University, Fullerton
M.A., Biola University
Psy.D., Biola University
Licensed Psychologist

Grant, Stephanie (Fall 2006)
Assistant Professor
B.S., Southern Nazarene University
M.A. in Marriage and Family Therapy, Southern Nazarene University

Jacobs, Noel J. (Fall 2003)
Assistant Professor
B.A., University of Oklahoma
M.S., Southern Nazarene University
Ph.D. in Clinical Child Psychology, University of Kansas

Stasser, Dorothy A. (Fall 1967)
Professor / Chair, Department of Psychology / Director, Testing Center
B.S., Bethany Nazarene College
M.S., Oklahoma State University
Ed.D., Oklahoma State University
Registrar

Lee, Wesley  (Spring 2001)
Assistant Professor / Registrar
B.S., Southern Nazarene University
M.S., Southern Nazarene University
CBA, Certified Behavior Analyst
Department of Sociology

Young, Alan B. (Fall 2006)
Professor / Chair, Department of Sociology
B.A. in Sociology, University of Illinois at Urbana-Champaign
M.Div., Trinity Evangelical Divinity School
M.A. in Sociology, University of Illinois at Urbana-Champaign
Ph.D., University of Illinois at Urbana-Champaign

Wilcox, Linda Patterson (Fall 1993)
Professor of Sociology
B.S., Trevecca Nazarene College
M.A., University of Missouri
Ph.D., University of Oklahoma
Department of Speech Communication

Broyles, Pamela S. (Fall 1979)
Professor of Speech Communication / Chair, Department of Speech Communication
B.A., Bethany Nazarene College
M.Ed., University of Oklahoma
Ph.D., University of Oklahoma

Kyzer, Melany A. (Fall 2001)
Assistant Professor of Speech Communication
B.S., Bethany Nazarene College
M.A., Southern Nazarene University
Graduate studies, Oklahoma City University, School of Law
School of Theology and Ministry

For more complete resumés, click here.

Cauthron, Hal A. (Fall 1995)
Professor of New Testament / Chair, School of Theology and Ministry
B.A., Bethany Nazarene College
M.A., Bethany Nazarene College
M.Div., Nazarene Theological Seminary
M.A., Vanderbilt University
Ph.D., Vanderbilt University

Crutcher, Timothy J. (Fall 2003)
Associate Professor of Theology / Church History
B.A., Southern Nazarene University
M.A. Southern Nazarene University
M.Div. Nazarene Theological Seminary
M.Th., Katholieke Universiteit Leuven, Belgium
Ph.D./S.T.D., Katholieke Universiteit Leuven, Belgium

Culbertson, Howard R. (Fall 1988)
Professor of Missions/Garner Chair of Missions
B.A., Bethany Nazarene College
M.Div., Nazarene Theological Seminary
M.R.E., Nazarene Theological Seminary
Graduate study, Fuller Theological Seminary
D.Min., Denver Seminary

Dunnington, Donald W. (Fall 1991)
Professor of Theology and Ministry
B.A., Olivet Nazarene University
M.Div., Nazarene Theological Seminary
D.Min., Trinity Evangelical Divinity School
Doctoral studies in Leadership of Higher Education, Vanderbilt University

Forsberg, Douglas D. (Fall 2003)
Assistant Professor of Christian Education
B.A., Bartlesville Wesleyan College
M.Div., Nazarene Theological Seminary
M.A., Oklahoma State University

Green, Stephen G. (Fall 1998)
Professor of Theology / W. N. King Chair of Theological and Biblical Studies
B.S., Bethany Nazarene College
M.Div., Nazarene Theological Seminary
D.Min., Vanderbilt University
Ph.D. (coursework completed), Fuller Theological Seminary

Michelson, Marty A. (Fall 1998)
Associate Professor of Old Testament / Coordinator, M.A. in Theology Program
B.A., Northwest Nazarene College
M.A., Point Loma Nazarene College
M.A., Southern Nazarene University
Postgraduate coursework, Iliff School of Theology and University of Denver
Ph.D., University of Manchester, U.K.

**Montgomery, Brint A.** (*Fall 1996*)

Associate Professor of Philosophy
B.A., Northwest Nazarene College
M.Div., Nazarene Theological Seminary
M.A., University of Oklahoma
Ph.D., University of Oklahoma

**Samples, R. Douglas** (*Fall 1998*)

Professor of Practical Theology / Director, Ministry Internship Program
B.A., Olivet Nazarene University
M.Div., Nazarene Theological Seminary
D.Min., Fuller Theological Seminary

**Tashjian, Jirair S.** (*Fall 1983*)

Professor of New Testament
B.A., Pasadena College
M.Div., Nazarene Theological Seminary
M.A., Claremont Graduate School
Ph.D., Claremont Graduate School
Retired / Emeriti Faculty

BEAVER, W. DON, Ph.D. (1948-1991)
Vice President for Academic Affairs Emeritus

Director, School for Children and Professor of Education Emerita

Associate Professor of Business Emeritus

Chair, Department of Modern Languages / Professor of Spanish Emeritus

COBURN, THURMAN, Ph.D. (1962-1986)
Professor of Psychology Emeritus

Associate Professor of Nursing Emerita

Retired Professor of Management

DUNN, LESTER, D.Lit. (1941-1978)
Professor of Voice Emeritus

Retired Professor of Nursing

Retired Associate Professor of Nursing

Professor of Biology Emeritus

Associate Professor of Library Science Emerita

Professor of Management Emeritus

Assistant Professor of Nursing Emerita

Professor of Religion Emeritus

Retired Assistant Professor of Voice

Retired Associate Professor of Psychology

Assistant Professor of Accounting Emerita
HEASLEY, GENE, Ph.D. (1960-1999)
Professor of Chemistry Emeritus

Professor of Modern Languages Emerita

JUDD, ROBERT, Ph.D. (1968-1998)
Professor of Biology Emeritus

LADD, FORREST E., Ph.D. (1955-1995)
Professor of Psychology Emeritus

MURROW, NILA WEST, M.T. (1968-1998)
Associate Professor of Art Emerita

MURROW, WAYNE L., Ph.D. (1968-2002)
Dean of Graduate and Adult Studies / Professor of Education and Speech Communication Emeritus

Professor of Business Education Emeritus

Associate Professor of Library Science Emerita

Professor of Sociology Emerita

Professor of Health and Human Performance Emerita

SHELDON (Merriman), DOROTHY A., A.M. (1953-1972)
Associate Professor of Education Emerita

Professor of Business Emeritus

Assistant Professor of Secretarial Science Emeritus

Professor of Sociology Emeritus

Associate Professor of Nursing Emerita

Associate Professor of English Emerita

WESTMORELAND, ELEANOR, M.S. (1970-1979)
Retired Associate Professor of Library Science
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 2134  Accounting (4 hours)
This four credit hour course covers the basic accounting principles typically presented in two one-semester Principles of Accounting courses. Topics include: the accounting cycle, financial statement preparation and analysis, accounting systems, payroll, and partnership and corporate accounting.

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 (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. (Arranged basis prohibited). 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).

**ACC 4153 Inc Tax for Bus/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 Internship/Directed Study (1 hour)**
Individual study of problems or reading in accounting.  
**Prerequisite:** 12 hours of accounting, permission of the instructor, and 3.00 G.P.A.

**ACC 4182 Internship/Directed Study (2 hours)**
Individual study of problems or reading in accounting.  
**Prerequisite:** 12 hours of accounting, permission of the instructor, and 3.00 G.P.A.

**ACC 4183 Internship/Directed Study (3 hours)**
Individual study of problems or reading in accounting.  
**PREREQUISITES:** 12 hours of accounting, permission of the instructor, and 3.00 G.P.A.  
**Prerequisite:** 12 hours of accounting, permission of the instructor, and 3.00 G.P.A.

**ACC 5003 Accounting/Finance Environment (3 hours)**
This course deals with basic accounting and financial functions with an emphasis on management's role, the organization of data for decision making, and the budgeting process.

**ACC 5004 The Accounting & Finance Environment (4 hours)**
Principles of accounting and finance presented from a managerial perspective. Accounting principles including statement analysis systems, payroll, partnership, corporation and cost accounting. Financial management studies short- and long-term corporate financing, the time value of money, the cost of capital budgeting and capital markets.

**ACC 5113 Management Accounting (3 hours)**
Basic concepts in internal accounting with emphasis on management's role, the organization of data for decision-making, and the influence of quantitative techniques on management accounting are the major topics for this course.

**Prerequisite:** MBA foundation courses.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>APMU 1001</td>
<td><strong>Beginning Guitar Class (1 hour)</strong></td>
<td>Study of basics of guitar.</td>
</tr>
<tr>
<td>APMU 1101</td>
<td><strong>Preparatory Level (1 hour)</strong></td>
<td>Private instruction for non-music majors. May be repeated.</td>
</tr>
<tr>
<td>APMU 1102</td>
<td><strong>Preparatory Level (2 hours)</strong></td>
<td>Private instruction for non-music majors. May be repeated.</td>
</tr>
<tr>
<td>APMU 1111</td>
<td><strong>Class Voice-Adult Beginners (1 hour)</strong></td>
<td>Study of basic concepts of voice production.</td>
</tr>
<tr>
<td>APMU 1121</td>
<td><strong>Class Voice-Adult Intermediate (1 hour)</strong></td>
<td>Continuation of Class Voice, Adult Beginner (APMU 1111).</td>
</tr>
<tr>
<td>APMU 1141</td>
<td><strong>Class Piano-Adult Beginners (1 hour)</strong></td>
<td>Study of the basic concepts in keyboard techniques. Basic beginning skills of keyboard playing.</td>
</tr>
<tr>
<td>APMU 1151</td>
<td><strong>Class Piano-Adult Intermediate (1 hour)</strong></td>
<td>Continuation of 1141.</td>
</tr>
<tr>
<td>APMU 1161</td>
<td><strong>Class Piano-Adult Advanced (1 hour)</strong></td>
<td>Continuation of 1151 plus Beginning Repertoire.</td>
</tr>
<tr>
<td>APMU 2400</td>
<td><strong>Enrichment Seminar (0 hours)</strong></td>
<td>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.</td>
</tr>
<tr>
<td>APMU 3131</td>
<td><strong>Performance Level Three (1 hour)</strong></td>
<td>Private instruction for Music majors. Various levels reflect advancing technical skills and musicianship. Levels are determined by teacher recommendation and jury grade each semester.</td>
</tr>
<tr>
<td>APMU 3132</td>
<td><strong>Performance Level Three (2 hours)</strong></td>
<td>Private instruction for Music majors. Various levels reflect advancing technical skills and musicianship. Levels are determined by teacher recommendation and jury grade each semester.</td>
</tr>
<tr>
<td>APMU 3133</td>
<td><strong>Performance Level Three (3 hours)</strong></td>
<td>Private instruction for Music majors. Various levels reflect advancing technical skills and musicianship. Levels are determined by teacher recommendation and jury grade each semester.</td>
</tr>
<tr>
<td>APMU 3134</td>
<td><strong>Performance Level Three (4 hours)</strong></td>
<td>Private instruction for Music majors. Various levels reflect advancing technical skills and musicianship. Levels are determined by teacher recommendation and jury grade each semester.</td>
</tr>
</tbody>
</table>
reflect advancing technical skills and musicianship. Levels are determined by teacher recommendation and jury grade each semester.

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 4131  **Performance Level Four (1 hour)**
Private instruction for Music majors. Various levels reflect advancing technical skills and musicianship. Levels are determined by teacher recommendation and jury grade each semester.

APMU 4132  **Performance Level Four (2 hours)**
Private instruction for Music majors. Various levels reflect advancing technical skills and musicianship. Levels are determined by teacher recommendation and jury grade each semester.

APMU 4133  **Performance Level Four (3 hours)**
Private instruction for Music majors. Various levels reflect advancing technical skills and musicianship. Levels are determined by teacher recommendation and jury grade each semester.

APMU 4134  **Performance Level Four (4 hours)**
Private instruction for Music majors. Various levels reflect advancing technical skills and musicianship. Levels are determined by teacher recommendation and jury grade each semester.

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 1113  Drawing I (3 hours)
This introductory course in presentation techniques is a study of gesture and contour drawing, with an emphasis on the relationship between nonobjective and representational drawing, using a variety of media. No prior drawing experience necessary.

ART 1123  Drawing II (3 hours)
This course focuses on the language of visual expression and the development of perceptual skills using one, two, and three point perspective drawing. A variety of media are used to develop these skills.
Prerequisite: Drawing I (ART 1113) or permission of instructor

ART 1213  Design I (3 hours)
This course introduces students to a framework of visual, conceptual, and spatial forms in two-dimensional design. Emphasis is given to visual hierarchy and the elements and principles of basic design. Assigned projects will address individual expression and visual language as a means of expression.

ART 1223  Design II (3 hours)
This course introduces students to the framework of visual, conceptual, and spatial forms in three-dimensional design. Students will develop concepts through a variety of processes and materials, including clay, wood, and plaster. Emphasis is on exploration of form and craftsmanship.
Prerequisite: Design I (ART 1213) or permission of instructor

ART 2013  History of Art and Design (3 hours)
This survey course provides the student with a basic understanding of art and design history. It focuses on the discipline's contextual and chronological development. Particular emphasis will be given on work from 1850 to the present.

ART 2113  Color Visual Language (3 hours)
Color will be investigated in light of the physical, psychological and emotional effects it evokes. Lectures, research and studio projects will explore color theory and law, color harmonies, perceptual relationships, and the use of color as a communication tool.

ART 2123  Intro 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 or Enrichment Track III student (may enroll with no prerequisite). Intro. to World Civ. (HIST 2003) recommended.

**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 2413 Vector & Raster Fundamentals I (3 hours)**
This course emphasizes the technical proficiency using the fundamental components of the vector program Adobe IllustratorTM and the raster program Adobe PhotoshopTM. Terminology of software tools, file formats, and image development will be learned using Mac operating systems.

**ART 2423 Vector & Raster Fundamentals II (3 hours)**
This course emphasizes the technical proficiency using the fundamental components of the vector program Adobe IllustratorTM and the raster program Adobe PhotoshopTM. Terminology of software tools, file formats, and image development will be learned using Mac operating systems.

**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 Elem 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.

**ART 4173 History of Art (3 hours)**
A developmental survey from prehistoric to modern times. Emphasis will be given to the relationship of art to the various cultures.
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 Flying (AV 1123).

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).

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  **Cert 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 Internship/Directed Study (1 hour)**

The student will complete an internship or individual study in an aviation related field or discipline to be approved by the Director of Aviation.

**AV 4182 Internship/Directed Study (2 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.

**AV 4183 Internship/Directed Study (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.
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 Anatomy (BIOL 2224).

BIOL 2321  Introduction to Research in Biology (1 hour)
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 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 2322**
**Introduction to Research in Biology (2 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 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 2323**
**Introduction to Research in Biology (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 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 2672**
**Terminology for Health Professions (2 hours)**
This course is designed to provide the student with an understanding of terminology used by health care professionals. On-line and CD-ROM instruction is used to enable the student to develop an extensive medical vocabulary using a competency based format.

**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 Pract 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**
**Tropical Biology QERC (3 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. Offered summers at QERC.

**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, embryology, 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 3243 Special Topics in Biology (3 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 Sp Topics in Tropical Biol (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. Offered summers at QERC.

**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. Offered summers at Au Sable.

**Prerequisite:** One year of introductory science.

**BIOL 3304 Woody Plants (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 landstewardship. 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 (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 (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 Adv Human Anat: 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 (4 hours)**
Contemporary problems of environmental stewardship are investigated, including use of renewable and nonrenewable 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 (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. Offered summers at SNUQERC.

**Prerequisite:** General Zoology (ZOO 1115) and General Botany (BOT 1114) or one year of Introductory Biology (BIOL 1113) 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 Nat 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 Research in Biology (1 hour)**
Students will engage in personal research on a topic of interest selected in consultation with a Biology faculty member. May include field or laboratory work in such fields as ecology, taxonomy, microtechniques, biochemical techniques, or others of interest. A final written report of procedures and results is required.

**BIOL 4182 Research in Biology (2 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:** Biol 2321-2 and/or permission of consulting faculty member.

**BIOL 4183 Research in Biology (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:** 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. Class meets weekly.

**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), Organic Chemistry (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.

**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.
B LT 1163 Intro 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 Intro 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: Junior standing, Introduction to Biblical Literature (B LT/GS 1163) and Introduction to Christian Thought (THEO2233) required. Introduction to Literature (ENGL 2413) and Introduction to Philosophy (PHIL 2013) 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: Introduction to Biblical Literature (B LT 1163), and Methods in Biblical Study (B LT 2163).

B LT 3123 Hist 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
Prerequisite: For majors in the School of Theology & Ministry: Introduction to Biblical Literature (B LT 1163) and Methods in Biblical Study (B LT 2163).

B LT 3223 Ideology Land: Arab & Jewish Perspec (3 hours)
This course will offer perspectives on ancient issues in Israel and the Arab world as well as current contemporary issues in the world/land of Arab countries with respect to Israel with specific attention to how particular theological ideologies have shaped ideas and persons in this land. (Arab countries may include one or several countries located in the region around Israel.) The course will include: a review of the history of people groups living in modern Arab countries focused in and around ancient and Modern Israel, a review of geographical features and locations that make up Ancient & Modern Israel specifically, and a review of theological and biblical perspectives of faith claims or stories made with respect to these locations and this land. One component of this course offering will include the opportunity to travel to one of several Arab countries territories in and around Israel along with travel to Israel in order to gain first hand the "land," cultures, customs, and people. The course can not be exhaustive in scope but will attempt to faithfully, critically and intentionally integrate perspectives that are aware of Jewish, Christian, and Islamic faith-traditions with the assistance of outside experts, resources (print and media), and lectures as they are available.

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: Introduction 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: Introduction to Biblical Literature (B LT 1163) and Methods in Biblical Study (B LT 2163).

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: Introduction 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: Introduction to Biblical Literature (B LT 1163) and Methods in Biblical Study (B LT 2163).

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 &
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: Introduction 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: Introduction to Biblical Literature (B LT 1163) and Methods in Biblical Study (B LT 2163).

B LT 5003 Seminar: Selected Studies (3 hours)
A study of significant areas of contemporary and enduring interest in Biblical Studies. Hermeneutics, Intertestamental Literature, Messianism, Hebrews, selected General Epistles, Miracles, recent developments in the study of Jesus, etc., are the kind of topics that will be selected for the seminar.

B LT 5183 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 (9) semester hours of New Testament Greek.

B LT 5203 Biblical Interpretation (3 hours)
After a brief survey of the history of biblical interpretation, attention is given to contemporary methods of analyzing the Bible for the purpose of interpretation in a ministry context. A major interpretation project in both Old Testament and New Testament is required. This is a CORE module for M.A. students having deficiencies in Bible.

B LT 5213 Deuteronomy & Mosaic Traditions (3 hours)
A detailed exegetical study of the Torah, including a survey of the critical problems of the first five books of the Old Testament, but focusing especially on the Torah's theological interpretation of the Wilderness Period and the concepts of law, religious institution and covenant. This course will primarily deal with Leviticus, Numbers and Deuteronomy.
Prerequisite: Biblical Interpretation (B LT 5233) or permission of the professor.

B LT 5223 Exilic Literature (3 hours)
A detailed exegetical study of the prophetic response to the theological crisis of Exile. focusing especially on the tension between wrath and mercy, the continued rise of Messianism and the development of the concept of redemptive suffering. The course includes the books of Isaiah, Jeremiah, Ezekiel, Obadiah and Lamentations.
Prerequisite: Biblical Introduction (B LT 5233) or permission of the professor.

B LT 5233 Biblical Introduction (3 hours)
M.A. IN THEOLOGY CORE COURSE. An examination of the biblical writings in relation to the questions posed by critical inquiry. The course will include: a brief survey of the history of biblical interpretation; the more specific issues of authorship, date, sources, literary features, and
redaction; the problem of the Bible as the Word of God in the words of humans; and the larger issues of authority, inspiration, actualization and canonization. This course will help students identify and evaluate their own presuppositions while developing tools and methods for proper biblical interpretation.

**B LT 5323 Readings in Biblical Hebrew (3 hours)**
A continuation of Introduction to Biblical Hebrew I with more emphasis on the translation and inductive analysis of biblical texts. This course is offered as needed.

**Prerequisite:** Introduction to Biblical Hebrew I (HB 5313).

**B LT 5333 Advanced Readings in Hebrew/Aramaic (3 hours)**
The translation and exegesis of selected Biblical passages as a means of studying advanced Hebrew (or Aramaic) grammar and syntax. This course may be repeated.

**Prerequisite:** Readings in Biblical Hebrew II (HB 5323). It may be taken as a Directed Study with approval by M.A. coordinator and Hebrew professor.

**B LT 6123 Studies in Post-Exilic Literature (3 hours)**
An advanced exegetical study of the prophetic and priestly response to the restoration of the people of God after the Exile, focusing on the re-establishment of community, the theological interpretation of God's purpose in history and the growing emphasis on eschatology. The course includes the books of Isaiah, Haggai, Zachariah, Chronicles, Ezra-Nehemiah, Malachi and Jonah, as well as the priestly and prophetic redactions of the Pentateuch.

**Prerequisite:** Biblical Introduction (B LT 5233) or permission of the professor.

**B LT 6133 The Parables of Jesus (3 hours)**
A seminar on the meanings of the parables of Jesus as evidenced by the historical and cultural background and by the literary context of the parables in the individual gospels. The role of the parables in revealing the theological emphases of each gospel will be emphasized.

**Prerequisite:** Biblical Introduction (B LT 5233) or permission of the professor.

**B LT 6263 Paul's Thought in Recent Study (3 hours)**
A seminar on the theological emphases of Paul's thought. Twentieth century interpretations of Paul will provide the backdrop for an analysis of major Pauline themes and texts.

**Prerequisite:** Biblical Introduction (B LT 5233) or the permission of the professor.
CHEM 1025 General Chem for Health Professions (5 hours)
This course is designed to meet the needs of students who are pursuing nursing, physical therapy, or other allied medical programs. It is designed to acquaint the student with basic chemical concepts in the areas of general, organic, and biochemistry. Does not count towards a major or minor in Chemistry. The specific topics emphasize the role of chemical substances in metabolic processes.

CHEM 1033 Chemistry, Environment & Health (3 hours)
A liberal arts course in chemistry designed to help the student understand the role that chemistry has in modern living. Topics such as polymers, medicines, food, etc., will be discussed, with emphases placed on health and the environment. Does not count towards a major or minor in Chemistry. No prerequisites required.
Two lectures and one 3-hour lab per week.

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 3111 Organic Chemistry I Lab (1 hour)
The laboratory emphasizes separation methods, synthesis, and introduces the student to instrumental methods: GC, IR, and NMR. One three-hour laboratory period per week.

CHEM 3113 Organic Chemistry I (3 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.

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 3121 Organic Chemistry II Lab (1 hour)
Most of the laboratory emphasizes organic qualitative analysis. One three-hour laboratory period per week.

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 Biochemistry (3 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 3134 Biochemistry (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 Adv 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 3213 Physical Chem: 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 3272 Methods in Science: Chemistry (2 hours)**

A study of the philosophy and methods in science teaching with emphasis on laboratory investigation. Consideration will be given to concepts and conceptual schemes in science as well as the different approaches in high school science teaching. Supplies, equipment and facilities will also be studied.

**Prerequisite:** Admission to the professional semester.

**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 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 Scientist & Engineers (PHYS 2114) and Calculus II (MATH 2424).

**CHEM 4133 Adv Inorganic Chemistry (3 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 organometallic 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 4134 Adv Inorganic Chemistry (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 organometallic 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 Research Project in Chemistry (1 hour)**
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 4182  Research Project in Chemistry (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  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. May be repeated for additional credit.

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  Special Topics in Chemistry (1 hour)
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.

CHEM 4292  Special Topics in Chemistry (2 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.

CHEM 4293  Special Topics in Chemistry (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.
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**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.
C ED 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.

C ED 2143  Psychology of Childhood (3 hours)
A course designed for the understanding, predicting, and changing of the behavior of children. Consideration is given to the influences affecting the child both preceding and following the actual stages of childhood.
Prerequisite: 12 hours of college credit or permission of the instructor.

C 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.

C ED 2213  Administration of Christian Ed (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 D.C.E. 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 OR 15 or more Gen. Ed. CORE hours passed.

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 3153  Chrstn Ed in a Multi-Cultural Cnxt (3 hours)**
An investigation into the principles and methods necessary for teaching children, youth, and adults in the multi-cultural context. Special attention will be given to developing strategies for cross-cultural Christian education visioneering, programming, and implementation.

**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 3193  Family Min in the Local Church (3 hours)**
An examination into the principles of ministry required to create multi-generational spiritual health within the local congregation through creative and effective ministries to the family.

**C ED 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 ED 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 ED 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.

**C ED 4123  Life Span Ministries (3 hours)**
An exploration of spiritual formation and ministry across the human life span. Special attention will focus on the cognitive development of children, youth, and adults as it relates to spiritual development and the formation of whole persons in Christ.

**C ED 4133  Survey of Youth Ministry (3 hours)**
A study of the developmental needs, organization and administration, methods and techniques, pertaining to the context of a local church ministry to young people. The course will include interaction with full-time youth pastors in the field.

**C ED 4143  Survey of Adult 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 4153  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 Ldrshp & 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 4173  Crisis Min: Advocacy & Intervention (3 hours)**
A special examination of the issues faced by a minister responding to people in crisis. Special attention will be placed upon navigating the welfare entitlement system, penal and judicial system, juvenile justice system faith-based ministry paradigms, and social crisis ministries resulting in an informed minister who can wisely partner with society in bringing hope and comfort to at risk families and individuals.

**C ED 4181  Ministry Experience (1 hour)**
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 4182 Ministry Experience (2 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 taken in addition to C ED 4181 for a total of three hours of credit.

C ED 4183 Ministry Experience (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.

C ED 4191 Summer Ministries Practicum (1 hour)
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 session or sessions of debriefing. Credit for the practicum is granted only after the completion of the entire reporting process.

C ED 4192 Summer Ministries Practicum (2 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 session or sessions of debriefing. Credit for the practicum is granted only after the completion of the entire reporting process.

C ED 4193 Summer Ministries Practicum (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 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 Age Group Special Studies (1 hour)
A combination of directed study and practicum specializing in either Children, Youth, or Adult Ministries.

C ED 4282 Age Group Special Studies (2 hours)
A combination of directed study and practicum specializing in either Children, Youth, or Adult Ministries.

C ED 4283 Age Group Special Studies (3 hours)
A combination of directed study and practicum specializing in either Children, Youth, or Adult Ministries.

C ED 4284 Age Group Special Studies (4 hours)
A combination of directed study and practicum specializing in either Children, Youth, or Adult Ministries.

C ED 4381 Ministry Intensive (1 hour)
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.

C ED 4382 Ministry Intensive (2 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.

**C ED 4383**

**Ministry Intensive (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.
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<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>C HS 2113</td>
<td>History &amp; Polity of Nazarene Church (3 hours)</td>
<td>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.</td>
<td>Junior Standing.</td>
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<tr>
<td>C HS 3123</td>
<td>Church History I (3 hours)</td>
<td>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.</td>
<td>GSE: no prerequisite.</td>
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<tr>
<td>C HS 3133</td>
<td>Church History II (3 hours)</td>
<td>A continuation of Church History I (C HS 3123) to modern times.</td>
<td>GSE: no prerequisite.</td>
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<tr>
<td>C HS 4313</td>
<td>American Religious History (3 hours)</td>
<td>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.</td>
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<tr>
<td>C HS 5103</td>
<td>History of the American Church (3 hours)</td>
<td>A study of the transplantation of Old World faiths to the New World and their subsequent development in the American environment. Revivalism and the rise of new denominations, social reforms and the development of colleges and seminaries will be given special attention.</td>
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<tr>
<td>C HS 6223</td>
<td>Specialized Studies (3 hours)</td>
<td>A course designed to offer specialized subject matter/skills to address current ministry trends, students' needs and interests. Integrating biblical, theological, and historic concerns with practical ministry will be a major focus. The course may be repeated with different subject matter. Topics may include: &quot;Teaching Ethics,&quot; &quot;Strategies for Effective Evangelism,&quot; &quot;Marriage and Family Counseling,&quot; as well as other topics of current interest in the life, thought and ministry of American Christianity.</td>
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CM 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, distinctives of music used in evangelical free-church tradition.

CM 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.

CM 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.

CM 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.

CM 4281 Church Music Internship (1 hour)
Supervised church music experience. Should be conducted with an approved church music staff supervisor, and a designated member of the Music faculty. 1 hour of credit equals 40 hours of staff experience.

CM 4282 Church Music Internship (2 hours)
Supervised church music experience. Should be conducted with an approved church music staff supervisor, and a designated member of the Music faculty. 1 hour of credit equals 40 hours of staff experience.

CM 4283 Church Music Internship (3 hours)
Supervised church music experience. Should be conducted with an approved church music staff supervisor, and a designated member of the Music faculty. 1 hour of credit equals 40 hours of staff experience.
CSNE 1113 Integrated Software Applications (3 hours)
A General Education course. This is an introductory course providing computer experience in a wide variety of application software. Its purpose is to help the student increase confidence on a computer while facilitating a broad range of possibilities which may be used throughout their college and professional life. Applications include word processing, electronic spreadsheets, presentation software and desktop publishing. NOT intended for CSNE major credit.

CSNE 1213 Computer Applications for Business (3 hours)
A General Education course. An introductory survey of computers and their uses in today's workplace with emphasis on Microsoft Excel. Application programs including word processing, electronic spreadsheets, and presentation software are utilized. The course is designed to give the student a broad understanding and confidence in application software.

CSNE 2443 Introduction 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.

CSNE 2543 Introduction 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.

CSNE 2713 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.

CSNE 2813 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.

**CSNE 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.

**CSNE 3213 Computer Architecture (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.

**CSNE 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.

**CSNE 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.

**CSNE 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.

**CSNE 3713 Computer Forensics (3 hours)**

This course is intended to introduce the subject of computer forensics, the art and science of using technology to obtain all types of data/evidence for investigative purposes. The course focuses on retrieving information from computer systems without destroying the data on the original system. There will be hands-on exercises to reinforce learning.

**Prerequisite:** Network Administration I (CSNE 3673)

**CSNE 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.

**CSNE 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.

**CSNE 3943 Computer Graphics (3 hours)**

An introduction to two- and three-dimensional computer graphics. Topics include coordinate systems, transformations, light, color, rendering, and graphical programming.

**Prerequisite:** Data Structures (CSNE 2923) and Linear Algebra (MATH 3133)

**CSNE 3953 Object-Oriented Analysis & Design (3 hours)**

An introduction to the analysis and design of object-
oriented software development. Topics include problem
analysis, modeling methodologies, object design, and
design patterns.

**Prerequisite:** Data Structures (CSNE 2923)

**CSNE 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.

**CSNE 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.

**CSNE 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.

**CSNE 4133 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.

**CSNE 4181 CSNE Seminar (1 hour)**

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.

**CSNE 4182 CSNE Seminar (2 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.

**CSNE 4183 CSNE Seminar (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.

**CSNE 4213 Windows Networking V (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.

**CSNE 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.

**CSNE 4441 Computer Science Practicum (1 hour)**
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.

**CSNE 4442 Computer Science Practicum (2 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.

**CSNE 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.

**CSNE 4513 Machine Learning (3 hours)**
An introduction to the field of machine learning. Topics include reinforcement learning, neural networks, evolutionary computation, Bayesian learning, and clustering.

**Prerequisite:** Data Structures (CSNE 2923) and Probability & Statistics (MATH 3143)

**CSNE 4533 Artificial Intelligence (3 hours)**
An introduction to the development of intelligent computer systems. Topics include knowledge representation, decision-making, search, and heuristics.

**Prerequisite:** Data Structures (CSNE 2923)
### 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 publication.

**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.
### 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.

### ECO 3113  Economics for Managers (3 hours)
This course provides the basic economic framework crucial to managerial success. Macroeconomics and microeconomics are combined into a fast-paced course that provides a practical rather than a theoretical emphasis.

### 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.

### ECO 5003  The Economic Environment (3 hours)
A study of the principles of micro and macroeconomics. Economic principles from a management perspective: the concepts of production, costs, exchange, distribution and consumption. Apply economic concepts such as scarcity and opportunity costs, relationship between aggregate supply and demand, profit maximization, public versus private sector contrasts, foreign trade and banking systems.

### ECO 5113  Managerial Economics (3 hours)
This course applies economic theory to practical business operations. Attention will be focused upon the procurement of funds, management of assets and allocation of capital so as to maximize the overall values of organization.  
**Prerequisite:** MBA foundation courses.
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<tr>
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<tr>
<td>ENGL 0024</td>
<td>English Language &amp; Culture I (4 hours)</td>
<td>A required course for those international students who score below 550 on the TOEFL; optional 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.</td>
</tr>
<tr>
<td>ENGL 0034</td>
<td>English Language &amp; Culture II (4 hours)</td>
<td>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.</td>
</tr>
<tr>
<td>ENGL 0103</td>
<td>Modern English Usage (3 hours)</td>
<td>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. Graded Pass/Fail. Not for students speaking English as a second language who score below 550 on the TOEFL examination.</td>
</tr>
<tr>
<td>ENGL 0131</td>
<td>Writing Workshop I (1 hour)</td>
<td>Grammar, usage, and writing workshop designed to benefit students in Composition I (ENGL 1113), as well as in their other writing assignments across the curriculum. Required for students with English ACT of 18 or below.</td>
</tr>
<tr>
<td>ENGL 0141</td>
<td>Writing Workshop II (1 hour)</td>
<td>Composition workshop for students taking Composition II (ENGL 1213). Research skills will be emphasized. ENGL 0141 (Writing Workshop II) is required concurrently with English 1213 (Composition II) for all students with an English ACT score of 0-18 plus those who passed Composition I (ENGL 1113) with below a &quot;C.&quot;</td>
</tr>
<tr>
<td>ENGL 1023</td>
<td>Academic Writing (3 hours)</td>
<td>This course will teach students how to successfully compose essays and essay answers in an academic setting. Almost every academic course requires the completion of at least one collegiate paper. Though the</td>
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requirements for the topics will vary, the structure will often remain the same. The intent of this module is to teach the student both structure of the essay, and basic grammar and punctuation skills in order to allow the student to focus on the content.

**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 scoring at least 15 on the English portion of the ACT (or the equivalent score on the SAT). Concurrent enrollment in ENGL 0131 is required for students scoring 18 or below 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 ENGL 2733 - Research and Argumentation (recommended for Track III students) 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. Concurrent enrollment in ENGL 0141 (Writing Workshop II) is required for students with an English ACT score of 0-18 plus those who passed ENGL 1113 with below a "C." ENGL 2213 is recommended 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. Recommended prerequisite for ENGL 4103.

**ENGL 2111 Developmental English Practicum (1 hour)**
A course designed for writing tutors and those preparing to teach writing to extend the tutors' knowledge of the principles writing pedagogy. Practical experience for English and English education majors. May be repeated for credit.

**ENGL 2112 Developmental English Practicum (2 hours)**
A course designed for writing tutors and those preparing to teach writing to extend the tutors' knowledge of the principles writing pedagogy. Practical experience for English and English education majors. May be repeated for credit.

**ENGL 2113 Developmental English Practicum (3 hours)**
A course designed for writing tutors and those preparing to teach writing to extend the tutors' knowledge of the principles writing pedagogy. Practical experience for English and English education majors. May be repeated for credit.

**ENGL 2123 Teaching English as a Second Lang 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 2133 Introduction to 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.

**ENGL 2203 Literature in Life (3 hours)**
This course will explore the concept that artistic expression reflects real life situations, problems, concerns, and emotions common to all people throughout the ages. The tendency is to think artists receive their writing inspiration from suffering or situations unique to the artist. The glimpse into the artistic world through their work shows us a world that is exceptionally commonplace rather than unique. We will explore these worlds which, by themselves, seem unique and strange but both the typical and atypical actions and emotions of the characters living in those worlds represent some of our innermost fears, joys, concerns, and hopes. This class is not designed to scan poetry or otherwise look at the artistic construct in the artistic process. It is designed to help the student achieve an appreciation and an understanding of literature as an extension of the human psyche.

**ENGL 2213 Acad 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 2411 Advanced Research Techniques (1 hour)**
A course in bibliographic instruction, designed to prepare undergraduate students for the rigors of academic research in the twenty first century. Overviews of traditional and digital resources on and off campus are a part of the practical components of the course.

**ENGL 2413 Introduction to Literature (3 hours)**
A General Education CORE course designed to foster a life-long habit of evaluating and thinking critically about visual, oral, and written texts
*Prerequisite:* Passing grades in Composition I&II (ENGL 1113/1213) or equivalent AP or CLEP credit (required); Introduction to World Civilization (HIST 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. During the semester 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. Spring 2007, Section 1 - Vietnam War: Literature, Film and History; Section 2 - Chinese culture including travel to
China.

**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 ESL 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 3143 Technical Communications (3 hours)**
This course will give students experience with major forms of technical communication used in professional fields related to science, business, English, mass communication, sport management, and religion. It will introduce students to the rhetorical principles and documentation practices necessary for writing effective and professional communications, such as letters, reports, instructions, and proposals.

**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 Directed Study (1 hour)**
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 3182 Directed Study (2 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 3183 Directed Study (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 Literary Field Studies (2 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
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<tr>
<td>ENGL 3193</td>
<td>Literary Field Studies (3 hours)</td>
<td>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. Spring 2007: China Trip, May 10-26</td>
<td>GSE: no prerequisite</td>
</tr>
<tr>
<td>ENGL 3202</td>
<td>Special Studies in Literature (2 hours)</td>
<td>Intensive study of selected issues in literature. May be repeated with different subject matter.</td>
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<tr>
<td>ENGL 3203</td>
<td>Special Studies in Literature (3 hours)</td>
<td>Intensive study of selected issues in literature. May be repeated with different subject matter. Spring 2007, VietNam War: Literature, Film, and History</td>
<td>GSE: permission of instructor</td>
</tr>
<tr>
<td>ENGL 3223</td>
<td>Mythology (3 hours)</td>
<td>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.</td>
<td>GSE: ENGL 2413 and THEO 2233</td>
</tr>
<tr>
<td>ENGL 3233</td>
<td>The Bible as Literature (3 hours)</td>
<td>The examination of literary types within the Bible, with attention given to writers' narrative, poetic, and dramatic techniques.</td>
<td>GSE: ENGL 2413 or permission of instructor</td>
</tr>
<tr>
<td>ENGL 3293</td>
<td>Genre Studies (3 hours)</td>
<td>An in-depth exploration of a specific literary type. The course will include the study of drama, poetic forms, film narrative, fantasy, or fiction. May be repeated with different subject matter. Fall 2005 will focus on DRAMA.</td>
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<tr>
<td>ENGL 3313</td>
<td>Magazine Writing (3 hours)</td>
<td>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.</td>
<td>Newswriting (MCJL 2313) or Introduction to Creative Writing (CW 2813) recommended.</td>
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<tr>
<td>ENGL 3323</td>
<td>Survey of World Literature (3 hours)</td>
<td>A study of the major literary works, fiction, essays, poetry, epic and drama from around the world which formed present world cultures and influences. 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.</td>
<td>Introduction to World Civilization (HIST 2003). GSE: no prerequisite.</td>
</tr>
<tr>
<td>ENGL 3343</td>
<td>Writing for Broadcast (3 hours)</td>
<td>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.</td>
<td>Newswriting (MCJL 2313).</td>
</tr>
<tr>
<td>ENGL 3412</td>
<td>Strategies in Teaching English I (2 hours)</td>
<td>Methods and materials for teaching English in the secondary school. Requirements include observation of English instruction.</td>
<td>Admission to the Teacher Education Program.</td>
</tr>
<tr>
<td>ENGL 3421</td>
<td>Strategies in Teaching English II (1 hour)</td>
<td>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</td>
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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 United States as portrayed in their literature. Reading and class discussion in English.

### ENGL 4001 Senior Thesis (1 hour)

Students will work closely with the English faculty to develop, research, and write an original undergraduate thesis. Required of all majors choosing Option B (Literature concentration). Recommended for any student anticipating graduate study.

### ENGL 4002 Senior Thesis (2 hours)

Students will work closely with the English faculty to develop, research, and write an original undergraduate thesis. Required of all majors choosing Option B (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 English 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; English 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.

### 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:** Introduction to Literary Theory (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 4901 Advanced Academic Writing (1 hour)**
To be taken concurrently with another upper-division Communication Arts course with the goal of producing a graduate school writing sample or conference presentation or publication. The course will focus on issues of academic writing: advanced citation and documentation, organizational strategies for complex and well-developed arguments, derivation and originality, and appropriate academic voice and style. May be taken in conjunction with courses in other disciplines by permission of instructor. May be repeated for credit with a different topic.

**ENGL 4931 Communication Arts Colloquium (1 hour)**
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.

**ENGL 4932 Communication Arts Colloquium (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.

**ENGL 6181 Independent Study (1 hour)**
An opportunity for intensive examination of a topic in the area of the student's interest.

**Prerequisite:** Permission of the instructor under whose direction the work will be done and adequate background in the area to be investigated.

**ENGL 6182 Independent Study (2 hours)**
An opportunity for intensive examination of a topic in the area of the student's interest.

**Prerequisite:** Permission of the instructor under whose direction the work will be done and adequate background in the area to be investigated.

**ENGL 6183 Independent Study (3 hours)**
An opportunity for intensive examination of a topic in the area of the student's interest.

**Prerequisite:** Permission of the instructor under whose direction the work will be done and adequate background
in the area to be investigated.

**ENGL 6401 Teaching College Writing Courses (1 hour)**
A course designed for Graduate Teaching Assistants.
**Prerequisite:** Permission of professor.

**ENGL 6402 Teaching College Writing Courses (2 hours)**
A course designed for Graduate Teaching Assistants.
**Prerequisite:** Permission of professor.

**ENGL 6403 Teaching College Writing Courses (3 hours)**
A course designed for Graduate Teaching Assistants.
**Prerequisite:** Permission of professor.

**ENGL 6413 Foundations of Reading I (3 hours)**
A course designed to study the research concerning the influences of language acquisition, socio-psycholinguistic bases, interrelationship between thought and language processes for the purpose of learning to read. A second purpose of this course is to study specific reading approaches, instructional strategies and materials for pre-kindergarten and primary children.

**ENGL 6423 Foundations of Reading II (3 hours)**
A course designed to study, research and apply reading methods in the middle and junior high school reading classroom. Emphasis will be on basic reading skills, concept development, study skills and content reading.

**ENGL 6493 Remed and Prescript Teaching:Rdg (3 hours)**
This course is designed to review research issues and problems in evaluating and teaching reading for students as individuals. The analysis of diagnostic data and preparation of remedial techniques for teaching will be required. Individual Education Plans for the exceptional student (reading-disabled, gifted, handicapped, or the student experiencing delayed academic progress) will be made. This course is designed as a seminar in implementing proposed prescriptive teaching strategies.
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. Each Fall semester.

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 and secondary levels (K-12).
Prerequisite: Admission to the Teacher Education
Program.

ED 3212 Methods in Secondary Mathematics (2 hours)
Methods for teaching mathematics in the secondary school.
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 3273 Methods in Secondary Science (3 hours)
Methods and materials for teaching science in the
secondary school.

ED 3323 Dev 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 Lit/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 Soc Studies in Elem 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 Secnd 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 Dev/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 Development/Reading (ED 3682)).

**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 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 Early Childhood Practicum (1 hour)**
A laboratory course designed for the student who desires to broaden his experiences with young children. The planning, preparation, presentation and 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 4452 Early Childhood Practicum (2 hours)**
A laboratory course designed for the student who desires to broaden his experiences with young children. The planning, preparation, presentation and 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 Cognitive Development:Mth/Sci/Soc St (3 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 strategies and materials are included as well as classroom simulations and field experiences. Taken concurrently with Primary Math/Science (ED 3442).

**ED 4484 Cognitive Development:Mth/Sci/Soc St (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 strategies and materials are included as well as classroom simulations and field experiences. Taken concurrently with Primary Math/Science (ED 3442).

**ED 4522 Characteristics of Early Adolescent (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 will be a combination of Home/School/Community Relations (ED 4201), Child and Family in Social Context (ED 4512), and Parent Education Seminar (ED 4421). It is designed to inform the student as to the wider parameters of school and society. Includes 2 hours of surveys and 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 hours)
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 multicultural 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 4710 Seminar: Diversity in Education (0 hours)
This seminar, offered during the Student Teaching semester, is required of all education majors preparing for a teaching career. Current research regarding multiculturalism, global and ethnicity studies, as well as economic diversity and students with special needs in education will be utilized to increase the future teacher's knowledge and understanding of diversity issues related to the classroom. Student teachers will complete a series of assignments to reinforce information presented by guest speakers and faculty in panel discussion, lecture and small group formats. No credit - P or F designated on transcript.

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).
**Prerequisite:** Senior standing and admission to the Professional Semester.

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: Elem (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.

ED 5403  **Multiple Intelligences (3 hours)**
Develop an understanding of Howard Gardner's intelligences and learn how to apply them in your classroom. View a multitude of Web sites, experience the intelligences personally, and create lesson plans you can use immediately. Engage in meaningful discussions with your
course facilitator and fellow classmates through online forums. May be offered as an online course.

**ED 5413 Classroom Management (3 hours)**
Learn and practice skills for orchestrating classroom life and learning so that instruction flows smoothly, student misbehavior is minimized, and learning potential is maximized. Free yourself from constantly dealing with behavioral and organizational issues, and empower your students to take responsibility for their own learning experience. Create an Action Plan of practical strategies to implement immediately in your classroom. May be offered as an online course.

**ED 5423 Teaching through Learning Channels (3 hours)**
Explore learning style preferences and develop brain-compatible strategies to address them through multisensory teaching. Discover how to address students basic motivational needs in a learning environment incorporating a variety of brain-compatible techniques. May be offered as an online course.

**ED 5433 Learning to Read (3 hours)**
Learn to implement a balanced, integrated approach to teaching beginning reading centered on scientific strategies aligned with state and national reading research initiatives. These specially designed curriculum resources and teaching strategies will enhance the reading process across all areas of the curriculum. Teachers will have access to an interactive CD-ROM and other resources to offer every student the opportunity to successfully learn to read. May be offered as an online course.

**ED 5443 Reading to Learn (3 hours)**
Discover the best ways to help your students construct meaning from what they read. Examine scientifically based comprehension strategies and learn how to adapt them to your classroom and/or content area. Assess student progress and adjust your teaching to become more effective. Use an interactive CD-ROM and other resources to offer every student the opportunity to achieve at higher levels in all subject areas. May be offered as an online course.

**ED 6003 Leadership (3 hours)**
To develop an understanding of the concept of leadership. Such concepts include the ability to guide individuals and groups, decision-making, interpersonal skills, organizational ability and communication.

**ED 6023 Evaluation Curriculum/Instruction (3 hours)**
Curriculum planning which anticipates occupational trends and how that curriculum may respond to the student's lifelong learning needs is studied. Focus will also be on the evaluation of curriculum and instruction programs in the local schools.

**ED 6033 Human Resource Management (3 hours)**
The course centers on human relations and adjustment in the school environment. Problems such as evaluation, interpersonal relationships and employee motivation will be covered.

**ED 6043 School Law (3 hours)**
An understanding of the legal responsibilities of the school administrator and procedure and policy implementation that meets legal requirements will be covered in this course. The candidate will develop an understanding of the public and private legal issues surrounding education today.

**ED 6053 School Finance (3 hours)**
This class will develop an understanding of local, state and federal finance as it relates to the school. Particular attention will be paid to budgets and tax bases.

**ED 6063 Long Range Planning (3 hours)**
Reviews the nature of long range planning including development and implementation of a vision statement. Focus will be on the needs of the local schools in all areas including staffing, technology, facilities and student support.
ED 6073 Historical/Contemporary Schooling (3 hours)
The development of education in the United States both historically and in contemporary society. The forces that are setting the current educational agenda will be studied.

ED 6083 School/Community Relations (3 hours)
Develop an understanding of the needs and responsibilities of the public and private sectors as they relate to education. Study will center on skills for building community support for district priorities and policies.

ED 6093 Sociology Cultures/Communities/Schl (3 hours)
Candidates will develop an understanding of the diversity that exists in the local community and how the school should respond, promoting the value of local school/community cultures.

ED 6106 School Site Internship (6 hours)
Principals and Superintendent Candidates - Focus will be on personnel management and curriculum. Candidates will select one of these areas as a focal topic during each internship block. Internship experience is designed to familiarize the candidate with the practical aspects of programs they will be involved in during their professional career. Specific emphasis will be placed on school finance, legal aspects, facilities and personnel. All placements are made cooperatively between the candidate and the university internship placement committee. Internship placement may begin anytime after completing ED 6063. Candidates will complete assignment in cooperation with site-based mentor and the university internship placement committee.

ED 6153 Educational Research/Statistics (3 hours)
The application of principles, methods and techniques of research in education. Includes interpretation, evaluation and use of research as well as an introduction to techniques of reporting research.

ED 6181 Independent Study (1 hour)
Designed to permit intensive examination at an advanced level of a topic in the area of the student's interest. 
**Prerequisite:** Permission of the instructor under whose direction the work will be done and adequate background in the area to be investigated.

ED 6182 Independent Study (2 hours)
Designed to permit intensive examination at an advanced level of a topic in the area of the student's interest. 
**Prerequisite:** Permission of the instructor under whose direction the work will be done and adequate background in the area to be investigated.

ED 6183 Independent Study (3 hours)
Designed to permit intensive examination at an advanced level of a topic in the area of the student's interest. 
**Prerequisite:** Permission of the instructor under whose direction the work will be done and adequate background in the area to be investigated.

ED 6311 Reading Practicum (1 hour)
This practicum is designed to provide individually arranged clinical testing and remediation for one child in the Southern Nazarene University Reading Center. The student will be under the supervision of a faculty supervisor.

ED 6312 Reading Practicum (2 hours)
This practicum is designed to provide individually arranged clinical testing and remediation for one child in the Southern Nazarene University Reading Center. The student will be under the supervision of a faculty supervisor.

ED 6313 Reading Practicum (3 hours)
This practicum is designed to provide individually arranged clinical testing and remediation for one child in the Southern Nazarene University Reading Center. The student will be under the supervision of a faculty supervisor.

ED 6413 Foundations of Reading I (3 hours)
A course designed to study the research concerning the influences of language acquisition, socio-psycho...
bases, interrelationship between thought and language processes for the purpose of learning to read. A second purpose of this course is to study specific reading approaches, instructional strategies and materials for pre-kindergarten and primary children.

**ED 6493 Remed & Prescriptive Tchng: Reading (3 hours)**
This course is designed to review research issues and problems in evaluating and teaching reading for individual students. The analysis of diagnostic data and preparation of remedial techniques for teaching will be required. Individual Education Plans for the exceptional student (reading-disabled, gifted, handicapped, or the student experiencing delayed academic progress) will be made. This course is designed as a seminar in implementing proposed prescriptive teaching strategies.

**ED 6513 What Works in Today's Classroom (3 hours)**
Course focuses on principles and practices of effective teaching. The five Core Propositions identified by the National Board for Professional Teaching Standards (NBPTS) are addressed throughout the course.

**ED 6523 Classroom Management (3 hours)**
This on-line course focuses on three approaches to classroom management—proactive, responsive, and supportive. The candidate will complete and submit the assignments on-line through Performance Learning systems (PLS).

**ED 6533 Reflective Writing (3 hours)**
This course emphasizes the value of reflection and requires candidates to practice writing using description and analysis. Candidates will be required to describe and analyze student assignments and to reflect on their teaching practices utilizing specific writing skills identified by NBPTS as highly effective.

**ED 6543 Assessment (3 hours)**
The focus of this course is on the necessity of using assessment as part of the teaching/learning process. Emphasis is placed on authentic classroom assessment as well as on standardized assessment and the relationship of assessment to standards and learning. Students will develop four types of authentic assessment.

**ED 6553 Reading Comprehension (3 hours)**
This on-line course will emphasize assessment of reading practices and provide the candidate with methods to improve research-based instructional strategies to enhance reading comprehension. The students will use ongoing assessments for diagnosing students' needs and for developing and implementing intervention strategies.

**ED 6563 School Improvement (3 hours)**
The course will focus on using data to improve schools. Candidates will be introduced to specific strategies that research has shown lead to increased learning.

**ED 6573 Mentoring/Coaching (3 hours)**
In this course candidates will be taught the value of coaching students, new teachers, and other colleagues. Communication skills will be emphasized. Candidates will create a coaching plan for their schools.

**ED 6583 NBPTS Certification I (3 hours)**
This course provides teachers with an overview and framework for completion of the requirements for National Board for Professional Teaching Standards (NBPTS) certification. Teachers will explore and examine the standards and portfolio guidelines for the area of certification and receive guidance and consultation in gathering and organizing documentation required for NBPTS assessments.

**ED 6593 NBPTS Certification II (3 hours)**
This course is a continuation of NBPTS I, which is a prerequisite. The course mentors and supports teachers through the advanced certification process as designed by the National Board for Professional Teaching Standards.
(NBPTS). Teachers will develop on-site portfolio entries and prepare for the assessment center exercises.
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 Prin 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.
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).

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<tbody>
<tr>
<td>FIN 4181</td>
<td>Internship/Directed Study (1 hour)</td>
<td>Individual study of finance problems in business.</td>
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<td><strong>Prerequisite:</strong> Permission of the instructor and 3.0 GPA.</td>
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<tr>
<td>FIN 4182</td>
<td>Internship/Directed Study (2 hours)</td>
<td>Individual study of finance problems in business.</td>
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<td><strong>Prerequisite:</strong> Permission of the instructor and 3.0 GPA.</td>
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<tr>
<td>FIN 4183</td>
<td>Internship/Directed Study (3 hours)</td>
<td>Individual study of finance problems in business. On demand.</td>
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<td><strong>Prerequisite:</strong> Permission of the instructor and 3.0 GPA.</td>
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<tr>
<td>FIN 5113</td>
<td>Financial Management (3 hours)</td>
<td>An intensive study of the finance function in the corporate world including the financial environment, time-value, capital budgeting, cost of capital, working capital management, debt-equity structure and international finance are provided in this course.</td>
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<td><strong>Prerequisite:</strong> MBA foundation courses.</td>
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</tbody>
</table>
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 or Enrichment Track III student (may enroll with no prerequisite). Intro. to World Civ. (HIST 2003) recommended.
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 1 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 1 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 Special Studies in French (1 hour)
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 3222 Special Studies in French (2 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 3223 Special Studies in French (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).
GDSG 2413  **Vector & Raster Fundamentals I** (3 hours)
This course emphasizes the development of technical proficiency through the use of the basic concepts of vector (using Adobe Illustrator) and raster (using Adobe Photoshop). Terminology of software tools, file formats, and image development will be learned using Mac operating systems.

GDSG 2423  **Vector and Raster Fundamentals II** (3 hours)
This course emphasizes the technical proficiency using the fundamental components of the vector program Adobe Illustrator™ and the raster program Adobe Photoshop™. Terminology of software tools, file formats, and image development will be learned using Mac operating systems.

GDSG 2433  **Typography I** (3 hours)
This course focuses on the principles of typographic expression as a communication tool from a historical and theoretical perspective. The course will explore typographic relationships, concept development, and the principles of visual organization using the page-layout program Adobe In-Design.

**Prerequisite:** ART 2413 or permission of instructor.

GDSG 3413  **Corporate Identity** (3 hours)
This course explores the theories and terminology of symbols and icons with an emphasis on logo design for corporate entities. Corporate design trademark development will be explored from concept to application through the vector-based computer drawing program Adobe Illustrator. Approaches to printing are also investigated.

**Prerequisite:** ART 2413 or permission of instructor.

GDSG 3433  **Digital Imaging** (3 hours)
This course focuses on the techniques and principles used to enhance and manipulate images. Principles of perceptual organization, including aesthetics and composition, will be explored through assigned projects, the use of scanners, and digital cameras. Applications will utilize the raster imaging-editing program Adobe Photoshop.

**Prerequisite:** ART 2413 or permission of instructor.

GDSG 4413  **Information Design** (3 hours)
Students will be introduced to the graphic methods and principles of organization used to represent quantitative data such as tables, charts, graphs, maps, diagrams,
and instructional material.

**Prerequisite:** ART 2413, GDSG 3423 and GDSG 3433 or permission of instructor.

**GDSG 4423 Environmental Design (3 hours)**

Students explore "wayfinding," a method of organizing design around the third dimension or the natural environment. Emphasis will be placed on creative strategy, unique means of communication, and technical proficiency in graphic design applications. The projects will include coordinated transportation graphics, billboards, and international signage. The class will be exposed to team activities and group critiques.

**Prerequisite:** GDSG 3433 or permission of instructor.

**GDSG 4431 Professional Practice/Internship (1 hour)**

The student will formulate and execute an extensive project under the supervision of an instructor, OR the student will complete an approved internship in the field of graphic design. This course will also allow the student to refine portfolios.

**Prerequisite:** Senior standing and department chair approval.

**GDSG 4432 Professional Practice/Internship (2 hours)**

The student will formulate and execute an extensive project under the supervision of an instructor, OR the student will complete an approved internship in the field of graphic design. This course will also allow the student to refine portfolios.

**Prerequisite:** Senior standing and department chair approval.

**GDSG 4433 Professional Practice/Internship (3 hours)**

The student will formulate and execute an extensive project under the supervision of an instructor, OR the student will complete an approved internship in the field of graphic design. This course will also allow the student to refine portfolios.

**Prerequisite:** Senior standing and department chair approval.
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<tr>
<td>GK 1113</td>
<td><strong>Beginning Greek I (3 hours)</strong></td>
<td>A beginning study of the grammar of New Testament Greek up to the study of participles.</td>
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<tr>
<td>GK 1213</td>
<td><strong>Beginning Greek II (3 hours)</strong></td>
<td>A continuation of Beginning Greek I. <strong>Prerequisite:</strong> Beginning Greek I (GK 1113).</td>
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<tr>
<td>GK 2113</td>
<td><strong>New Testament Greek: John (3 hours)</strong></td>
<td>Translation of selected passages in the Gospel of John, applying the principles of structural linguistics. Exegetical method is introduced and vocabulary building is emphasized. <strong>Prerequisite:</strong> Beginning Greek II (GK 1213).</td>
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</tr>
<tr>
<td>GK 4183</td>
<td><strong>Readings in New Testament Greek (3 hours)</strong></td>
<td>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. <strong>Prerequisite:</strong> Nine semester hours of New Testament Greek (GK 2113).</td>
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<tr>
<td>GK 5183</td>
<td><strong>Readings in New Testament Greek (3 hours)</strong></td>
<td>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. <strong>Prerequisite:</strong> Nine semester hours of New Testament Greek (GK 2113).</td>
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</tbody>
</table>
### 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).

### Orienting to College (1 hour)
A course that provides an orientation to college life and deals with the personal development of the student.

### Intro 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.

### 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.

### 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 (B LT 1163) or one freshman semester completed.

### Advanced Research Techniques (1 hour)
A course in bibliographic instruction, designed to prepare undergraduate students for the rigors of academic research in the twenty first century. Overviews of traditional and digital resources on and off campus are a part of the practical components of the course.

### Intro 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. Introduction to Literature (ENGL 2413)
recommended.

**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, volunteerism, avenues of ministry, and models for future church ministry.

**Prerequisite:** Junior or 15 or more Gen. Ed. CORE hours passed.

**G S 4423 Person & Professional Ethics-Values (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 that is consistent with the demands of a responsible lifestyle in the contemporary world.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HB 5313</td>
<td>Introduction to Biblical Hebrew I (3 hours)</td>
<td>An introduction to the basic grammar of Biblical Hebrew with emphasis on accidence and vocabulary building necessary for translation.</td>
</tr>
<tr>
<td>HB 5333</td>
<td>Advanced Readings in Hebrew/Aramaic (3 hours)</td>
<td>The translation and exegesis of selected Biblical passages as a means of studying advanced Hebrew (or Aramaic) grammar and syntax. This course may be repeated.</td>
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</tbody>
</table>

**Prerequisite:** Readings in Biblical Hebrew II (HB 5323). It may be taken as a Directed Study with approval by M.A. coordinator and Hebrew professor.
HIST 3993 Special Topics (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. 
Prerequisite: GSE: no prerequisite.

HIST 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 (HIST 1483, 1493) and Historical Methods (HIST 2212) OR permission of the instructor. GSE: no prerequisite.
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. Required for all Education degrees.

HP 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.

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 **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 2013 **World Civ I: Prehistory to 1500 (3 hours)**
This course offers an overview of the development of human civilization from our prehistoric roots to 1500. It will analyze political, social, economic, moral, and ideological foundations important in the development of today's global society. Students will explore important concepts through lecture, discussion, collaborative publishing, and primary document analysis.

HP 2023 **World Civ II: 1500 to Present (3 hours)**
This course offers an overview of the development of human civilization from 1500 to the present. It will analyze political, social, economic, moral, and ideological foundations important in the development of today's global society. Students will explore important concepts through
lecture, discussion, collaborative publishing, and primary document analysis.

**HP 2112 Historical Methods (2 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 2113 Introduction to Historical Methods (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 and politics majors and minors.

**HP 2413 Geomorphology (3 hours)**
This course will introduce students to the physical processes at work in the creation of terrestrial landscapes. In particular, students will be introduced to plate tectonic theory, basic geology, weathering, and the various types of erosion that shape fluvial, glacial, aeolian, and karst landscapes. Additionally, students will develop practical map reading skills.

**HP 2503 World Regional Geography (3 hours)**
The goal of this course is to introduce students to the important challenge of globalization and the rapid pace of interconnection between people and places across the Earth. Through this course, students will explore the problems and possibilities created by globalization by studying selected world regions.

**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 3143 American State & 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.

**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.

**HP 3223 Ideology Land: Arab & Jewish Perspec (3 hours)**
This course will offer perspectives on ancient issues in Israel and the Arab world as well as current contemporary issues in the world/land of Arab countries with respect to Israel with specific attention to how particular theological ideologies have shaped ideas and persons in this land.
(Arab countries may include one or several countries located in the region around Israel.) The course will include: a review of the history of people groups living in modern Arab countries focused in and around ancient and Modern Israel, a review of geographical features and locations that make up Ancient & Modern Israel specifically, and a review of theological and biblical perspectives of faith claims or stories made with respect to these locations and this land. One component of this course offering will include the opportunity to travel to one of several Arab countries territories in and around Israel along with travel to Israel in order to gain first hand the "land," cultures, customs, and people. The course can not be exhaustive in scope but will attempt to faithfully, critically and intentionally integrate perspectives that are aware of Jewish, Christian, and Islamic faith-traditions with the assistance of outside experts, resources (print and media), and lectures as they are available.

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 Historical Methods (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 Historical Methods (HP 2112) OR permission of the instructor.

HP 3333 Civil War and Gilded Age (3 hours)
This course is a survey of the political, military, constitutional, economic, and social impact of the Civil War as well as the consequences of Reconstruction. The course concludes with an examination of the significant changes occurring in the United States during the last quarter of the nineteenth century.
Prerequisite: U.S. History I & II (HP 1483, 1493) and Historical Methods (HP 2112) OR permission of the instructor. GSE: no prerequisite.

HP 3343 Birth of Modern America (3 hours)
This course examines the emergence of Modern America through the key events that shaped the nation's course in the first half of the 20th century. Emphasis is placed on assessing the significant transformations that took place in American society as the nation shed its traditions and stepped into the Modern Age.
Prerequisite: U.S. History I & II (HP 1483, 1493) and Historical Methods (HP 2112) OR permission of the instructor.

HP 3353 Recent America (3 hours)
This course will examine the political, social, economic, intellectual, diplomatic and cultural dynamics that shaped the last half of the Twentieth Century.
Prerequisite: U.S. History I & II (HP 1483, 1493) and Historical Methods (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: World Civilization (HP 2003) and Historical Methods (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: World Civilization (HP 2003) and Historical Methods (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: World Civilization (HP 2003) and Historical Methods (HP 2112) OR permission of the instructor.

HP 3991 Special Topics (1 hour)
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 3992 Special Topics (2 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 3993 Special Topics (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.
Prerequisite: GSE: no prerequisite.

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 Historical Methods (HP 2112) OR permission of the instructor. GSE: no prerequisite.

**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 Historical Methods (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 Historical Methods (HP 2112) OR permission of the instructor.

**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 Historical Methods (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 Historical Methods (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 Historical Methods (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.
HUM 4173  Modern Latin America (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.
KSM 1511  Teaching & Perf 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 1522  Care & Prevention of Ath Injuries (2 hours)
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. Fee Required.

KSM 1523  Care & Prevention of Ath 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 1601  Foundations of Athletic Training (1 hour)
Designed to give the student a chance to explore athletic training as a profession through an introductory clinical experience.

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  Low Ext Inj Recg/Eval & 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 to the lower extremity. The laboratory experience
is designed to assist the student in mastering evaluation, taping and bracing proficiencies associated with lower extremity injuries. Emphasis is placed on practice and evaluation of the clinical proficiencies. Two lecture/discussion periods and two hours of lab experience per week. Fee required.

**KSM 1713 Foundations of KSM (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 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 Officiating (1 hour)**
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 2532 Officiating (2 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 2533 Officiating (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 Exp: 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 Exp: 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 2621 Tech/Prof Applications in Phys Ed (1 hour)**
Technology/Professional Applications in Physical Education contributes to the student's development of becoming a reflective, responsive, resourceful professional. This course is one method by which students become cognizant of their role in a learner's educational journey. The course will utilize bio-electrical impedance units, heart rate monitors, nutritional software, video analysis and fitness testing software for students to assess the impact of technology in the educational process.

**KSM 2623 Structural Kinesiology (3 hours)**
A study of articulations and movements, and muscular analysis involved with various sports, exercises, rehabilitative programs and daily activities.

**KSM 2632 Athl Training Clinical Rotation 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 (P) of KSM 1630, acceptance to the Athletic Training program following previous Spring application & interview.

**KSM 2642 Athl Training Clinical Rotation 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 Up Ext Inj Recg/Eval & Lab (4 hours)**
This course will provide a basis for injury assessment and management of athletic injuries to the upper extremities. Emphasis will be placed on recognition and evaluation skills used in Athletic Training. The course will be conducted in an integrated lecture and laboratory format. The lab experience is designed to provide the student with skills necessary for injury assessment and management of athletic injuries to the upper extremities. Mastery of the clinical proficiencies and recognition, evaluation, and management of upper extremity injuries are the emphases of this lab. Two lecture/discussion periods and two hours of lab experience per week. Fee required.

**Prerequisite:** Low Ext Inj Recg/Eval & Lab (KSM 1624).

**KSM 2672 Terminology for Health Professions (2 hours)**
This course is designed to provide the student with an understanding of terminology used by health care professionals. On-line and CD-ROM instruction is used to enable the student to develop an extensive medical vocabulary using a competency based format.

**KSM 2673 Pathophysiology & Lab (3 hours)**
This course enables the student to think critically about general medical conditions and disabilities. It enables the student to integrate knowledge, skill and behavior to assume professional responsibility. The student will develop an understanding of general medical conditions and disabilities associated with physically active individuals. This course will cover conditions of the derma, head including the brain, face including the eyes, ears nose and throat, thorax, heart and lungs, abdomen, renal and urogenital systems.

**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 Schl 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.

**KSM 3543** Methods in Secondary P.E. (3 hours)
Methods and materials for teaching physical education in the secondary schools.
**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. Fee required.
**Prerequisite:** HS biology course with A or B grade. Recommended BIOL-2234, Human Physiology.

**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 rationale for efficacious treatment. The lab experience is designed to provide the student with the opportunity to develop competent application and administration skills in the use of therapeutic modalities. The clinical proficiencies are mastered using a wide range of therapeutic modalities. Three lecture/discussion periods and two hours of lab experience per week. Fee required.

**KSM 3652** Athl Training Clinical Rotation 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** Athl Training Clinical Rotation 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 Phys 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. The lab experience provides the student with "hands-on" opportunity to master the clinical skills of a progressive rehabilitation plan. The clinical proficiencies for PNF, joint mobilization, balance, ROM and strength development applied to each region of the body are emphasized. Three lecture/discussion periods and two hours of lab experience per week. Fee required. **Prerequisite:** Athletic Training II (KSM 4613), Exercise Physiology (KSM 3633), and Therapeutic Modalities & Lab (KSM 3624).

KSM 4643 Adm & Mgt of Athletic Training Prog (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 Athl Training Clinical Rotation 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 Athl Training Clinical Rotation 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 3633), and General Physics I (MATH 1114).

**KSM 4713 Org, Leadership, & Mgt 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 4741 Senior Seminar in Physical Ed (1 hour)**

This course is required for the pre-service teacher during the professional semester. Class content will emphasize teaching strategies, problem-solving techniques, and a pedagogical review of literature supporting the physical education profession. Class discussions will assist in challenging, supporting, and developing inquiry with the pre-service teacher during the professional semester.
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  Individual Study in KSM (1 hour)
Directed intensive study on approved selected topics related to Kinesiology & Sport Management. Conferences, oral and written reports required. This course is clinical and intended to provide the student with hands-on experience in the prevention, treatment, and 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 4752  Individual Study in KSM (2 hours)
Directed intensive study on approved selected topics related to Kinesiology & Sport Management. Conferences, oral and written reports required. This course is clinical and intended to provide the student with hands-on experience in the prevention, treatment, and 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 4753  Individual Study in KSM (3 hours)
Directed intensive study on approved selected topics related to Kinesiology & Sport Management. Conferences, oral and written reports required. This course is clinical and intended to provide the student with hands-on experience in the prevention, treatment, and 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 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. Fee required.

KSM 4776  Internship II (6 hours)
Continuation of Internship I. Both courses, Internship I & II, can be taken in the same semesters.
Prerequisite: Fee required.

KSM 6313  Exercise Physiology (3 hours)
A study of the immediate and long-range effects of exercise upon the human body. Emphasis on physiological concepts.

KSM 6323  Athletic Training Techniques (3 hours)
This course will introduce the student to advanced sports medical information and provide a basis for injury assessment and field management of athletic injuries. Lecture and laboratory experiences are designed to introduce the student to basic and advanced evaluation skills used by the athletic trainer.

KSM 6333  Applied Exercise Physiology (3 hours)
Study of the physiological factors which influence
physical performance. Special emphasis on testing, evaluation and prescription for athletic fitness will be presented.
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 & Stat (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.
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 Projects in Mathematics (1 hour)**
Individual study in topics of particular interest to the general student. May be repeated.

**Prerequisite:** Permission of the instructor.

**MATH 1782 Projects in Mathematics (2 hours)**
Individual study in topics of particular interest to the general student. May be repeated.

**Prerequisite:** Permission of the instructor.

**MATH 1783 Projects in Mathematics (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)**

**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 (CSNE 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 theorem, multiplicative functions, and famous classes of numbers. Applications to cryptology. 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 3164).

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 origin 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 methods. 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 Topics in Mathematics (1 hour)
Advanced study of a specific topic in Mathematics. Suggested areas: Topology, Number Theory, Mathematical Models, or others. May be repeated. 
Prerequisite: Calculus III (MATH 2524) and permission of the instructor.

MATH 4182 Topics in Mathematics (2 hours)
Advanced study of a specific topic in Mathematics. Suggested areas: Topology, Number Theory, Mathematical Models, or others. May be repeated.
Prerequisite: Calculus III (MATH 2524) and permission of the instructor.

MATH 4183 Topics in Mathematics (3 hours)
Advanced study of a specific topic in Mathematics. Suggested areas: Topology, Number Theory, 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.
### MBUS 1213  Intro to Music Business (3 hours)
A study of the principles, procedures, structure, and history of the music business as well as career opportunities and technologies within the industry. Business techniques and legal concepts central to many aspects of the music business will be introduced and students will be familiarized with the concepts of contracts, royalties, agents, management, and various aspects of the recording industry. Occasional guest lecturers will be utilized.

### MBUS 1312  Live Recording Techniques (2 hours)
An introduction to the methods used for live recording. Emphasis on room acoustics, microphones, microphone placement, recording formats, and editing. Students should develop the listening skills used to evaluate potential recorded material.

### MBUS 2513  Studio Recording I (3 hours)
An introduction to recording studio techniques and procedures with an emphasis on tracking, overdubbing and basic mixing. Topics covered include signal flow, equalization, compression reverb, studio acoustics, session procedures, and the roles of various studio staff.

### MBUS 2523  Studio Recording II (3 hours)
A continuation of Studio Recording I, with emphasis placed on advanced mixing, mastering, surround sound, and high resolution digital audio formats.

### MBUS 2541  Intro 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.

### MBUS 3303  History of Recorded Music (3 hours)
Exploration of the influence of recording technology and music business practices on the development of modern popular and art music. Special attention will be paid to major developments in the industry since 1877 (Edison's gramophone).

### MBUS 3412  Music Publishing (2 hours)
The history, functions, and operations of music publishing, including copyright acquisition, songwriter contracts, performance licensing, mechanical licensing, print publishing and synchronization rights.

### MBUS 3432  MIDI Production (2 hours)
A study of the tools and techniques used for producing music with MIDI and digital sequencing software. Computer generated synthesis, external sound modules, and digital samplers will be covered.

**MBUS 3433 MIDI Production (3 hours)**
A study of the tools and techniques used for producing music with MIDI and digital sequencing software. Computer generated synthesis, external sound modules, and digital samplers will be covered.

**MBUS 4241 Capstone Project (1 hour)**
A senior-level project culminating the student's experience in the area of music business. To be formulated in conjunction with the School of Music Chair and the appropriate faculty member in Music Business. The project will demonstrate a synthesis of skills and knowledge developed through the core coursework in Music Business. Can be concurrent with enrollment in the final course(s) of the Music Business degree.
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<tr>
<td>MCJL 2302</td>
<td>Graphics of Communication (2 hours)</td>
<td>A study of the relationship between the verbal and visual elements of communication, including layout, typography, design and production processes.</td>
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<tr>
<td>MCJL 2313</td>
<td>Newswriting (3 hours)</td>
<td>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.</td>
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<td>MCJL 2323</td>
<td>Survey of Mass Media (3 hours)</td>
<td>An overview of American mass media that includes history, issues and trends.</td>
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<td>MCJL 2332</td>
<td>Photography (2 hours)</td>
<td>A study of basic photography equipment and history with an emphasis on camera operation and composition. 35mm camera required.</td>
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<tr>
<td>MCJL 2353</td>
<td>Interviewing Techniques (3 hours)</td>
<td>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.</td>
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<tr>
<td>MCJL 2361</td>
<td>Newspaper Practicum (1 hour)</td>
<td>The class is made up of the staff of the Echo. Course may be repeated for additional credit.</td>
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<tr>
<td>MCJL 2362</td>
<td>Newspaper Practicum (2 hours)</td>
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<td>Newspaper Practicum (3 hours)</td>
<td>The class is made up of the staff of the Echo. Course may be repeated for additional credit.</td>
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<tr>
<td>MCJL 2371</td>
<td>Yearbook Practicum (1 hour)</td>
<td>The class is made up of the staff of the Arrow. Course may be repeated for additional credit.</td>
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<tr>
<td>MCJL 2372</td>
<td>Yearbook Practicum (2 hours)</td>
<td>The class is made up of the staff of the Arrow. Course may be repeated for additional credit.</td>
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may be repeated for additional credit.

**Prerequisite:** Enrollment in 2 or 3 hours credit requires approval by the faculty adviser.

**MCJL 2373 Yearbook Practicum (3 hours)**
The class is made up of the staff of the Arrow. Course may be repeated for additional credit.

**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 Intro 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 303 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.

**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.

**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.

**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.

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<td>MCJL 4323</td>
<td>Broadcast News (3 hours)</td>
<td>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.</td>
</tr>
<tr>
<td>MCJL 4343</td>
<td>Public Relations (3 hours)</td>
<td>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.</td>
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<td>MCJL 4361</td>
<td>Special Studies in Mass Comm (1 hour)</td>
<td>Treatment of specific problems and trends in the field of mass communication. May be repeated for credit with different subject matter.</td>
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<td>MCJL 4371</td>
<td>Communication Arts Colloquium (1 hour)</td>
<td>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.</td>
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<td>MCJL 4372</td>
<td>Communication Arts Colloquium (2 hours)</td>
<td>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.</td>
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<td>MCOM 1213</td>
<td>Design I (3 hours)</td>
<td>This course introduces students to the framework of visual, conceptual, and spatial forms in two-dimensional design. Emphasis is given to visual hierarchy and the elements and principles of basic design. Assigned projects will address individual expression and visual language as a means of expression.</td>
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**MCOM 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.

**MCOM 3353 Advanced Video Production (3 hours)**

MCOM 3353 will advance the theory, skills, and techniques learned in MCOM 2293 and adapt them to the form of serial studio production. Students will learn to develop a serial television program, direct a live, multi-camera video shoot, and master to DVD.

**MCOM 3363 Newspaper Editor Practicum (3 hours)**

A course designed for and limited to the editor of the college newspaper.

**MCOM 3373 Yearbook Editor Practicum (3 hours)**

A course designed for and limited to the editor of the college yearbook.

**MCOM 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.

**MCOM 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.

**MCOM 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.

**MCOM 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.

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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.

**MCOM 4362 Special Studies in MCOM (2 hours)**

Treatment of specific problems and trends in the field of mass communication. May be repeated for credit with different subject matter.

**MCOM 4363 Special Studies in MCOM (3 hours)**

Treatment of specific problems and trends in the field of mass communication. May be repeated for credit with different subject matter.

**MCOM 4371 Communication Arts Colloquium (1 hour)**

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.
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<td>MENS 1531</td>
<td>Women's Chorus (1 hour)</td>
<td>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.</td>
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<tr>
<td>MENS 1581</td>
<td>Men's Chorus (1 hour)</td>
<td>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.</td>
</tr>
<tr>
<td>MENS 2501</td>
<td>Jazz Band (1 hour)</td>
<td>Audition only. Open to trumpet, trombone, saxophone, 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.</td>
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<td></td>
<td><strong>Prerequisite:</strong> Permission of Director.</td>
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<tr>
<td>MENS 2511</td>
<td>Symphonic Band (1 hour)</td>
<td>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.</td>
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<tr>
<td></td>
<td><strong>Prerequisite:</strong> Permission of Director.</td>
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<tr>
<td>MENS 2521</td>
<td>SNU Metropolitan/Chamber Orchestra (1 hour)</td>
<td>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.</td>
</tr>
<tr>
<td></td>
<td><strong>Prerequisite:</strong> Permission of Director.</td>
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<tr>
<td>MENS 2531</td>
<td>Brass Choir (1 hour)</td>
<td>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.</td>
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<tr>
<td></td>
<td><strong>Prerequisite:</strong> Permission of Director.</td>
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<tr>
<td>MENS 2541</td>
<td>Percussion Ensemble (1 hour)</td>
<td>Select ensemble of percussionists who perform on campus, in the community and on the region. Annual audition.</td>
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<td></td>
<td><strong>Prerequisite:</strong> Permission of the instructor.</td>
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<tr>
<td>MENS 2561</td>
<td>Choral Society (1 hour)</td>
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</tbody>
</table>
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.

**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 instructor.

**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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M ED 2300</td>
<td>Recital Attendance (0 hours)</td>
<td></td>
<td>Music majors/minors required to attend designated number of live performances each semester.</td>
</tr>
<tr>
<td>M ED 3211</td>
<td>Introduction to Opera (1 hour)</td>
<td></td>
<td>An overview of opera throughout history with an emphasis on experiencing the masterpieces of great composers.</td>
</tr>
<tr>
<td>M ED 3222</td>
<td>Vocal Literature and Diction I (2 hours)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>M ED 3231</td>
<td>Vocal Literature and Diction II (1 hour)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>M ED 3302</td>
<td>Music History I: Ancient to 1600 (2 hours)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>M ED 3311</td>
<td>Brass Methods (1 hour)</td>
<td></td>
<td>An introduction to the fundamental skills and knowledge of the brass instruments for teaching in the public schools.</td>
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<tr>
<td>M ED 3321</td>
<td>Percussion Methods (1 hour)</td>
<td></td>
<td>An introduction to the fundamental skills and knowledge of the percussion instruments for teaching in the public school.</td>
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<tr>
<td>M ED 3331</td>
<td>Woodwind Methods (1 hour)</td>
<td></td>
<td>An introduction to the fundamental skills and knowledge of the woodwind instruments for teaching in the public schools.</td>
</tr>
<tr>
<td>M ED 3341</td>
<td>String Methods (1 hour)</td>
<td></td>
<td>An introduction to the fundamental skills and knowledge of the string instruments for teaching in the public schools.</td>
</tr>
<tr>
<td>M ED 3352</td>
<td>Keyboard Pedagogy (2 hours)</td>
<td></td>
<td>A study of teaching techniques for keyboard instruments. Discussion of individual and class instruction and review of current published teaching methods. Students must</td>
</tr>
</tbody>
</table>
enroll concurrently in Keyboard Pedagogy (M ED 3352).

M ED 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 Method (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 3513  History of American Popular Music (3 hours)
The course is designed to allow students to gain knowledge of the roots of popular music and an appreciation for musical concepts. The course seeks to chronicle the beginnings, evolution and styles of our popular American music culture through discussion, listening and research about our normal listening habits. It allows students to become acquainted with the important personalities and important movements of popular American music and to continue the process of becoming critical listeners to all types of music.

M ED 4241  Capstone Project (1 hour)
A senior level project culminating the student's experience in the area of music education. To be formulated in conjunction with the School of Music Chairman. The project will demonstrate a synthesis of skills and knowledge developed through the core coursework in Music Education.

M ED 4322  Music History II: 1600-1825 (2 hours)
A continuation of M ED 3302 with emphasis on the Baroque and Classical eras. Can be taken for 3 hr. credit with addition of a research paper.

M ED 4323  Music History II: 1600-1825 (3 hours)
A continuation of M ED 3302 with emphasis on the Baroque and Classical eras.

M ED 4332  Music History III: 1825 to present (2 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 3 hr. credit with addition of a research paper.

M ED 4333  Music History III: 1825 to present (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.
Prerequisite: GSE: 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.
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.

Prerequisite: Principles of Accounting I (ACC 2113).

MGT 3203 Industrial/Organizational Psych (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 3413 Organizational Behavior I/Diagnosis (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.

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. Management gaming simulation is an integral part of the learning experience.

Prerequisite: Principles of Accounting I&II (ACC 2113/2123), Macroeconomics (ECO 2113), and Principles of Management (MGT 3113).

MGT 4143 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 other 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 Internship/Directed Study (1 hour)
Individual study of managerial problems in business.

Prerequisite: Permission of the instructor and 3.00 GPA.

MGT 4182 Internship/Directed Study (2 hours)
Individual study of managerial problems in business.

Prerequisite: Permission of the instructor and 3.00 GPA.

MGT 4183 Internship/Directed Study (3 hours)
Individual study of managerial problems in business.

Prerequisite: Permission of the instructor and 3.00 GPA.

MGT 4413 Organizational Behavior II/Leadership (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.

MGT 4414 Organizational Behavior II/Leadership (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.

MGT 5113 Operations Management (3 hours)
This course integrates human, technology and system resources in management of operations in service and manufacturing organizations. Focus of the course is on the use of computers in forecasting, project management, inventory management, waiting lines and other operating models.

MGT 5123 Management Science (3 hours)
Quantitative methods currently used in management are explored. Applications of the following techniques are studied: probability distributions, linear programming,
transportation and assignment models, and other management science techniques.

**Prerequisite:** MBA foundation courses.

**MGT 5133 Mgmt of Organizational Behavior (3 hours)**
This course deals with behavioral social systems in work organizations. Topics include individual and group behavior, leadership, organization change and development, behavioral research, decision processes and motivation processes.

**MGT 5143 Human Resource Planning & Develpmnt (3 hours)**
The focus of this module is to examine strategies required to effectively plan for and develop the human resources of an organization. The module will include the acquisition and placement of human resources, job analysis and design, and rewarding of human resources.

**MGT 6113 Administrative Management (3 hours)**
This course deals with both macro and micro orientations to organizational theory. Topics include macro environmental concepts of strategic scanning of external linkages; informative processing of organizational choices; organizational strategy; effectiveness and goals, designs, size and complexity; the rate of technology; organizational dynamics: culture, power, conflict and change.

**MGT 6122 Field Problems in Management (2 hours)**
An intensive investigation of managerial problems encountered by a business enterprise or an organization, relative to the functional areas of business. (May be repeated).

**MGT 6123 Field Problems in Management (3 hours)**
An intensive investigation of managerial problems encountered by a business enterprise or an organization, relative to the functional areas of business. (May be repeated).

**MGT 6132 Management Seminar (2 hours)**
This course is a series of integrating experiences taken throughout the program. Included will be current trends in management, such as technology and management ethics from a Christian perspective.

**MGT 6143 Legal Environment of Management (3 hours)**
This course examines the legal constraints relating to managerial decision-making. Current legal regulations which impact the management process will be emphasized.

**MGT 6153 Human Resource Mgt and Admin (3 hours)**
The focus of this module is to examine strategies required to effectively manage the human resources of an organization. The module is a continuation of the discussion of the relationship between human resource strategies and organizational strategies. Strategies for compensation, labor relations, the work environment and the effectiveness of the human resource department are analyzed.

**MGT 6163 Strategic Human Resource Management (3 hours)**
Managerial implications of conducting business in the international market place are examined. Framework is provided for analyzing management of foreign and multinational organization as influenced by cultural, political and economic constraints.

**MGT 6173 Strategic Management (3 hours)**
This is the capstone course for the MBA program. This course integrates the functional disciplines (marketing, accounting, information systems, human resource management, operations) within the strategic management process. A management gaming component is used which demonstrates the strategic linkage of all functional areas.

**MGT 6181 Directed Study (1 hour)**
Individual study of managerial problems in business.

**Prerequisite:** Permission of instructor and 3.00 GPA.
MGT 6182 Directed Study (2 hours)
Individual study of managerial problems in business.
Prerequisite: Permission of instructor and 3.00 GPA.

MGT 6183 Directed Study (3 hours)
Individual study of managerial problems in business.
Prerequisite: Permission of instructor and 3.00 GPA.

MGT 6983 Research Project (3 hours)
The development and presentation of an acceptable applied research project associated with the student's work or field of interest. Evaluated on a pass/fail basis.

MGT 6993 Thesis (3 hours)
The development, research and presentation of an acceptable thesis in the student's chosen area of specialty.
Prerequisite: Permission required.
MISS 1232  **Mexican Field Studies (2 hours)**
A credit course for high school seniors who qualify, this course provides a unique travel-study experience in Mexico during the January interim. It is designed to help the student experience firsthand the culture and environment of a Spanish-speaking country, learn something of the history of Mexico, and advance in personal development toward a broad view of humanity and appreciation for cultures different from our own.

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  **Pers 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  **Ministry Experience (1 hour)**
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 3182  **Ministry Experience (2 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 taken in addition to MISS 3181 for a total of three hours of credit.

MISS 3183  **Ministry Experience (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.

MISS 3231  **Mexican Field Studies (1 hour)**
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 3232  **Mexican Field Studies (2 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 3233  **Mexican Field Studies (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 (P SC 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 (P SC 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 Mgt (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 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 Ministry Intensive (1 hour)
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.

MISS 4382 Ministry Intensive (2 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 taken in addition to MISS 4381 for a total of three hours of credit.

MISS 4383 Ministry Intensive (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.

MISS 5103 Traditional Religions (3 hours)
A study of the basic features of religious systems and institutions of animistic societies in which witchcraft, sorcery, shamanism, priesthools and prophetic movement are considered.
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 and Christian Thought recommended.

N S 3114 General Geology (4 hours)
A course designed to introduce students to the fundamentals of earth science including landform development, as seen in internal and surface processes, the identification of rocks and minerals and an examination of earth's resources such as soil, minerals, and energy.

N S 3121 Animal Welfare and Lab Safety (1 hour)
A multi-discipline course required for science education majors for dealing with practical ethical, safety and legal issues in the science classroom. One 50 minute class/lab period per week.

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.
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.

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 3173  **Marketing for Managers (3 hours)**
The focus of this course is understanding the elements that comprise an effective marketing campaign. From the Four P's to International Marketing issues, this course will assist the student in understanding the role of marketing in the overall success of an organization.

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.
**Prerequisite:** Principles of Marketing (MKT-3113).

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.

**Prerequisite:** Principles of Marketing (MKT-3113).

**MKT 4181 Internship/Directed Study (1 hour)**
Individual study of marketing problems or internship.

**Prerequisite:** Permission of instructor and 3.0 G.P.A.

**MKT 4182 Internship/Directed Study (2 hours)**
Individual study of marketing problems or internship.

**Prerequisite:** Permission of instructor and 3.0 G.P.A.

**MKT 4183 Internship/Directed Study (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).

**MKT 5113 Marketing Management (3 hours)**
This is an advanced course which incorporates the techniques and functions of management and marketing as they relate to product, place, price and promotion. Extensive readings and case analyses are used throughout the module.
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 3 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 II 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 2541  **Intro 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  **Music Technology (1 hour)**
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 3432  **Music Technology (2 hours)**
The study of electronics in music through use of computers and synthesizer. Emphasis on midi technology.

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.

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.
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  Pharmacology (2 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 3333  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 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 3423 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.

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.

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 4344 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 4364 Nursing Leadership (4 hours)
Concepts of leadership and management as they relate to nursing practice, nursing service, and the delivery of health care are explored. Emphasis is on application of these concepts within the clinical setting. Organization and role theories are analyzed within the assigned clinical area. Researchable problems are identified.

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 4424 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 4801 Nursing Seminar (1 hour)**
A one credit hour evaluation of nursing student preparedness for the NCLEX-RN exam. Content will be comprised of synthesis and comprehension testing on overall content of the nursing program.

**NURS 4903 Health Assessment & 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: Family & 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.

**NURS 4923 Nursing Research (3 hours)**
The scientific methods of problem solving and theory development is 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.

**NURS 4933 Gerontologic & 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: Large Community & Population Focus (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.

**NURS 4953 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 Prof & 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.

**NURS 5113 Theoretical Foundations of Nursing (3 hours)**
The study and application of relevant theories and
concepts that allow the professional nurse to develop a comprehensive and holistic approach to clinical nursing practice.

NURS 5123 **Theoretical Foundations of Education (3 hours)**
Emphasis is on application of learning principles and adaptation of subject matter content and teaching techniques to the learner population. Also examines legal and professional issues facing contemporary educators (i.e. teacher and learner rights and responsibilities, confidentiality, classroom management issues, etc.)

NURS 5133 **Nursing Research (3 hours)**
This course focuses on the discovery and utilization of new knowledge to provide high quality healthcare, initiate change and improve nursing practice. The focus is on the identification of researchable problems and the utilization of research as a basis for decision-making in the practice setting. A research proposal will be developed.

NURS 5143 **Teaching and Evaluation Methods (3 hours)**
A variety of instructional strategies (lecture, seminar, self-directed learning, laboratory practice, simulations, case studies, journaling and effective clinical instruction) will be considered. Describes methods to evaluate knowledge acquisition and critical thinking of the learner in various settings. Emphasis on development and administration of valid and reliable knowledge- and performance-based tests.

NURS 5153 **Leadership Theories (3 hours)**
This three hour module is designed to provide the student with an understanding of how the foundations of nursing practice and leadership theories and principles can be integrated to function in the role of a nurse leader. The student will review the Nursing Code of Ethics, ANA Standards of Practice, and be introduced to various theories of leadership, as they apply to the clinical practice setting. Discussion of leadership theories and management theories will provide an understanding of the differences and role differentiation between expertise and leadership.

NURS 5163 **Organization Behavior in Healthcare (3 hours)**
This three hour module focuses on behavioral and social systems in work organization. Topics will include individual and group behavior, organization change, leadership development in complex systems, and the impact of organizational culture on decision-making and motivation of staff. Students will have an opportunity to put the information into practice by developing an action plan for a problem or issue that is unique to their work setting.

NURS 6113 **Curr Dev for the Health Professions (3 hours)**
Provides elements of curriculum design, including course and syllabus development, evaluation of student learning and current issues in teaching in the health professions. Emphasis is on the academic preparation of professional nurse faculty.

NURS 6123 **Profession as Ministry (3 hours)**
The focus of the course is on professional role development providing the learner with an understanding of the integration of faith, learning and living in the practice of nursing. Ethical decision-making, patient advocacy and service to the global community are emphasized.

NURS 6133 **Health Promo, Maintenance & Protect (3 hours)**
The study of personal, clinical and community-based intervention and utilization of healthcare resources to influence the goal of achieving and maintaining health is the focus of this course.

NURS 6143 **Information Management (3 hours)**
Integration of data into a total information system
necessary for decision making is considered. Issues of
information theory, communication, document flow and
internal control are studied.

NURS 6153 Trends & Issues Health Care Policy (3 hours)
A study of the current trends in healthcare including
healthcare financing, globalization of healthcare,
allocation of scarce resources, social issues, lifestyle
choices, cultural sensitivity and diversity which influence
the world's health status.

NURS 6163 Human Resource Management (3 hours)
This three hour module is designed to provide an
understanding of the laws and regulations that guide
hiring, firing, and managing the human resources of an
organization. Identifying data and information sources
routinely available to achieve defined clinical outcomes
and response to the accreditation requirements will
assist the learner to understand the relationship of
revenue flow and the provision of care. Budget
preparation, on the micro level, will be discussed, and
will be integrate with staffing, patient safety, and patient
outcomes.

NURS 6166 Clinical Focus (6 hours)
Experiences are individualized to meet learning needs of
the learners. May be accomplished concurrently with
other courses.

NURS 6173 Financial Management (3 hours)
This 3 hours module focuses on the role of financial
management in organizations, and the financial skills
that are needed to develop or to supervise the
development of financial information. The course will
look at the financing of health care within the health care
environment. Topics will include budgeting, applied
economics, and financial accounting. Basic accounting
principles, analysis of financial statements, cost
management, managerial accounting, forecasting,
planning, and the use of computers in financial
management will be covered.

NURS 6176 Capstone Experience (6 hours)
Development and presentation of a project which
integrates all elements of the learning experience. May
be a thesis, internship or other special project. It is
recommended that students begin planning and
developing this experience by midpoint of the program.

NURS 6183 Illness Reduction and Management (3 hours)
This three hour module focuses on disease reduction
and prevention, through expanded knowledge in
pathophysiology, epidemiology, and health assessment.
The course builds on a background of anatomy and
physiology and health assessment, to provide a
foundation for understanding health deviations.
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.
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 1101 Personal Fitness I (1 hour)**
Taught by a personal trainer, this course enables the student to assess their fitness level, design a fitness program and maintain optimal fitness level. The instructor will supervise and advise in the development of a personal training program.

**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 1281 Floor Hockey I (1 hour)**
Fundamental instruction for the beginner and experienced hockey player. Student will cover the basic fundamentals to increase skill level.

**PEG 1291 Indoor Soccer I (1 hour)**
Fundamental instruction for the beginner and experienced soccer player. Student will cover the basic fundamentals to increase skill level.

**PEG 1301 Elementary Horsemanship I (1 hour)**
Instruction in basic Western riding techniques in an arena and trail setting, care and management procedures, with emphasis placed on safety for both the rider and the horse. Basic vocabulary and fundamentals of horsemanship will be stressed. Riding labs will provide opportunity for hands on proficiency to learn the basic riding maneuvers.

**PEG 1311 Elementary 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 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 1431 Ice Skating I (1 hour)
Fundamental instruction for inexperienced and beginning ice skaters. Instruction will include history, mechanics, and techniques in the various forms of ice skating.

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 1452 Scuba Diving (2 hours)
Upon successful completion of the course and exams, the student will receive Open Water certification through PADI (Professional Association of Dive Instructors). The course includes classroom and pool instruction as well as open water dives. Fee $150.00.

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. Fee Required.

PEG 1471 Target/Field Archery I (1 hour)
Instructions 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 7 target outdoor range of distances from 10 to 60 yards.

PEG 1491 Mat Pilates I (1 hour)
PEG 1491 Mat Pilates, taught by a personal trainer, enables the student to improve their fitness levels using mat pilates exercises to achieve gains in flexibility and strength. The instructor will supervise the development of personal fitness through the planning of specific exercise routines.

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 Cond. I. Student must be member of a varsity sport at SNU.

PEG 2101 Personal Fitness II (1 hour)
A continuation of instruction of personal fitness with emphasis placed on cross training to enhance exercise compliance.

PEG 2211 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 2281 Floor Hockey II (1 hour)
Continuation of instruction and participation of the game of hockey. Student will continue to cover the basic fundamentals to increase skill level.

PEG 2291 Indoor Soccer II (1 hour)
Continuation of instruction and participation of the game of soccer. 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 2431  Ice Skating II (1 hour)
Continuation of Ice Skating I. Intermediate techniques will be taught and practiced. Students will be required to combine techniques learned into a three to five minute performance.

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.
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. Intro. to World Civ. (HIST 2003) recommended.

PHIL 3003 Special Studies in Philosophy (3 hours)
General Studies Elective course in special topics.

PHIL 3103 History of Ancient & Medieval Phil (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 Readings in Philosophy (1 hour)
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. Junior standing required.

PHIL 3182 Readings in Philosophy (2 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. Junior standing required.

PHIL 3183 Readings in Philosophy (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. Junior standing required. 

**Prerequisite:** GSE: one philosophy class and one science class.

**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 3233 ISM: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 helping students develop and clarify their personal value systems and is intended to open minds and inform.

**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 4192 Seminar in Philosophy (2 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 4193 Seminar in Philosophy (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 4233 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.

**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.
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: 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  Gen Physics 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  Gen Physics 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 Intro 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 Schrodinger 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 (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 3164).

**PHYS 3191 Selected Topics in Physics (1 hour)**

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: no prerequisite.

**PHYS 3192 Selected Topics in Physics (2 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.

**PHYS 3193 Selected Topics in Physics (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 3164).

**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).

**PHYS 4114 Phys Chem, 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:** PHYS General Physics for Scientists & Engineers II (PHYS 2214) and Calculus III (MATH 3164).

**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 3164).

**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 Directed Research (1 hour)**
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 4182 Directed Research (2 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 4183 Directed Research (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 3164).

**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 General Relativity (1 hour)**
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).

**PHYS 4312 General Relativity (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).
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<td>P SC 3991</td>
<td>Special Topics (1 hour)</td>
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(Maximum of six (6) hours) Special independent research, life-learning credit, or one-time course of special relevance in History, Politics, and Geography. Restricted enrollment, see Department Chair.)
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 OR 15 or more Gen. Ed. 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.

Prerequisite: Junior Standing.

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. Junior Standing.

**PRTH 4163 Pastoral Ldrshp & 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. 

**Prerequisite:** Junior Standing.

**PRTH 4181 Ministry Experience (1 hour)**
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 4182 Ministry Experience (2 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 taken in addition to PRTH 4181 for a total of three credit hours.

**PRTH 4183 Ministry Experience (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.

**PRTH 4381 Ministry Intensive (1 hour)**
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.

**PRTH 4382 Ministry Intensive (2 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 taken in addition to PRTH 4381 for a total of three credit hours.

**PRTH 4383 Ministry Intensive (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.

**PRTH 5001 Orientation to SNU Online Studies (1 hour)**
This course serves as an orientation to SNU, the course management software and to the kind of work necessary to succeed in the program. It also provides a participatory experience in the rapidly changing use of technology in adult education and organizational communication.

**PRTH 5083 Sociology of Cultures/Comm/Churches (3 hours)**
Students will develop an understanding of the diversity that exists in the World community, the local community and the community of faith as a means to developing culturally and socially appropriate ministries. Students will conduct a "Community Exegesis Project" in which they will describe their findings and then propose how they will integrate what they have discovered into more effective ministry in that setting.

**PRTH 5113 Biblical Preaching for Today (3 hours)**
This course is designed to discover new ideas and concepts in preaching. It is the goal of this course to enable individual students to build and develop skills for more effective biblical preaching. Attention will be especially focused on expository preaching from the Gospel of Saint Luke.

**PRTH 5123 Spirituality & the Gifts (3 hours)**
A careful survey of spiritual formation, discipleship and the biblical concept of spiritual gifts. This course is designed to acquaint the student with the fundamental theology and practice of spiritual formation. It is structured to give the student exposure to various disciplines, to the spiritual gifts, and actual experience in the practice of journaling, prayer, solitude, and meditation.

**PRTH 5133 Congregat'l Orgz, Behavior & Health (3 hours)**
This course deals with behavioral social systems in work organizations. Topics include individual and group behavior, leadership, organization change and development, behavioral research, decision processes and motivation processes. Students will explore the characteristics of their local church organization using the Operational Characteristics Evaluation instrument.

**PRTH 5203 Leadership and Conflict Resolution (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 practical application of these principles. Students will have the opportunity to explore various styles of leadership and begin to identify their own leadership style using the Leadership Practices Inventory developed by Kouzes and Posner. Students will gain hands-on experience by analyzing their performance in a current or new leadership role in the Church.

**PRTH 5303 Leadership Skills & Team Building (3 hours)**
Causes of conflict will be studied along with strategies of its management and reduction. Discussion will integrate leadership philosophy and conflict issues.

**PRTH 5503 Congregational Care & Team Building (3 hours)**
A study of the essential factors in developing a broad-based congregational care program involving both lay and pastoral perspectives. The local congregation is the context of spiritual formation for most Christians. Congregational care needs often arise when individuals try to meet their personal needs themselves in ways which do not work. Students will develop a proposal for a training series to equip individuals to care effectively and provide an ongoing ministry of discipleship-counseling for their church and community.

**PRTH 6003 Character/Characteristics/Career (3 hours)**
This course seeks to analyze the strengths, weaknesses, skills and ministry/leadership demands for church leaders. The goal is an on-going spiritual growth
and professional development. This course will provide students with an overview introduction to graduate studies and the Master of Arts in Church Leadership. Students will gain experience with collaborative inquiry as well as documentation practices necessary for writing and producing effective and professional communications.

PRTH 6213 Developing Church Leadership (3 hours)
This course will introduce foundations of Christian education. Administrative skills will be analyzed, age group needs will be explored. The students will develop a philosophy of ministry with some specific strategies for enhancing the spiritual lives of people.

PRTH 6223 Specialized Studies (3 hours)
A course designed to offer specialized subject matter/skills to address current ministry trends, students’ needs and interests. Integrating biblical, theological, and historic concerns with practical ministry will be a major focus. This course may be repeated with different subject matter. Topics may include: "Teaching Ethics," "Strategies for Effective Evangelism," "Marriage and Family Counseling," as well as other topics of current interest in the life, thought, and ministry of American Christianity.

PRTH 6401 Directed Ministry Practicum (1 hour)
A supervised practicum in an area of actual ministry will be selected in consultation with the Coordinator of the M.A. program.

PRTH 6402 Directed Ministry Practicum (2 hours)
A supervised practicum in an area of actual ministry will be selected in consultation with the Coordinator of the M.A. program.

PRTH 6403 Min Pr:Leading Change in Loc Church (3 hours)
This course provides a culminating integration for students finishing the degree program. Students will demonstrate their ability to apply the principles of Church Leadership by diagnosing a current situation in their church and designing a change plan based on the concepts and principles taught in the various courses of the MACL.
REL 3413  Biblical Perspectives-Western Culture (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.

REL 5183  Directed Readings in Religion (3 hours)
Study in subjects and literature in a specialized area of religion is permitted. (This course is only offered on a Pass/Fail basis.)
Prerequisite: Approval by M.A. coordinator and professor directing the study.
PSY 1023 Crucial Issues: Prs & Society (3 hours)
A study of personhood-in-community from the perspectives of psychology and sociology. Key concepts relating to understanding the self, and discovering 'identity' by each student will be emphasized in order to understand how the individual relates to family, neighborhood, and the larger society.

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. Prerequisite: General Psychology I/II (PSY 1113/1213) or concurrent enrollment.

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.

**PSY 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.

**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 2352 Interviewing Techniques (2 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 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 OR 15 or more Gen. Ed. CORE hours passed. Intro. to Philosophy and Christian Thought 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 (PSY 1113) 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 (PSY 1113) 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 Psych (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 3412 Personal & Professional Development (2 hours)**
This course examines adult learning theory and various learning styles. This course provides a model that is used to analyze life experience.

**PSY 3413 Personal & Professional Development (3 hours)**
This course examines adult learning theory and various learning styles. The course provides a model that is used to analyze life experience.

**PSY 3421 Prior Learning & Portfolio Developm (1 hour)**
This course is designed for adult students who are enrolled in the RN/BSN or FSG Programs. Experiential and adult learning theories are applied to analyzing prior learning experiences. The student is required to prepare a personal portfolio of prior learning experiences. The course also provides instruction in the process for evaluation and the possible awarding of credit for prior learning.

**PSY 3423 Introduction to Counseling (3 hours)**
This course combines the relevant principles and techniques of counseling and is designed to develop counseling competency.

**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.

**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: PHIL 2013 or THEO 2233.

**PSY 4142 Survey of the Exceptional Child (2 hours)**
A general introductory course designed to acquaint the student with all 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.
**Prerequisite:** Two courses in psychology.

**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 (PSY 1113) and one other course in psychology or philosophy. GSE: junior standing and 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 or 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 (PSY 1113). Research Design (PSY 3153) recommended.

**PSY 4371 Special Studies in Psychology (1 hour)**
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 4372 Special Studies in Psychology (2 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 4373 Special Studies in Psychology (3 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 4374 Special Studies in Psychology (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 Directed Study (1 hour)**
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 4382 Directed Study (2 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 4383 Directed Study (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 Practicum in Psychology (1 hour)**
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 4392 Practicum in Psychology (2 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 4393 Practicum in Psychology (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 4433 Adulthood and 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.

**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.

**PSY 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.

**PSY 5143 Family & Psychological Assessment (3 hours)**
Testing theory and statistical considerations in the construction of psychological measurements. Coverage is given to administration and interpretation of various assessment tools. The course also includes diagnostic interviewing techniques, report writing, direct observation techniques and self-report scaling.

**PSY 5213 Individual Testing (3 hours)**
This course is designed to develop skills in administering, scoring and interpreting some of the individual tests commonly given in school settings, such as the Wechsler Scales. The tests studied in the course may vary from semester to semester, according to student need. Test fee required.

**Prerequisite:** A course in statistics, psychological testing, or educational tests and measurements.

**PSY 5263 Psychopathology (3 hours)**
Examination of techniques used in defining and classifying deviant behavior syndromes, according to
DSM-IV classification. Theoretical and empirical literature dealing with etiology and treatment of various disorders is examined. Areas of coverage are situation reactions, anxiety disorders, personality disorders, psychoses, organic disorders and child-adolescent onset disorders.

**PSY 5273 Personality Psychology (3 hours)**
In-depth analysis of selected theories of personality, such as neo-Freudian, cognitive and behavioral perspectives. Emphasis will be given to comprehension of primary reference sources, as well as the empirical literature available for each theoretical perspective.

**PSY 5283 Professional Orientation (3 hours)**
This course is designed to provide a survey of ethical, legal and professional issues facing counselors and others in human services. Emphasis is given to raising awareness of the complexities of ethical issues in professional practice.

**PSY 5313 Lifespan Development (3 hours)**
Theoretical and research approaches to the study of development of human abilities and behavior throughout the lifespan. The course will focus on such theorists as Piaget, Freud, Erikson, Kohlberg, Peck, Vaillant, Schaie and Sternberg. Topics include developmental research methodology, variables influencing development, and basic developmental processes in physical, motor, perceptual, cognitive, linguistic, emotional, social and personality development. Applications of developmental theory to counseling are emphasized.

**PSY 5333 Intro to Counseling Techniques (3 hours)**
An introduction to the basic helping skills and the role of professional counselors. Students are introduced to specific and nonspecific variables in the counselor, the client and the counseling environment that produce change in clients. An overview of the historical development of the counseling profession is explored as well as future directions for the profession of counseling. Foundations are explored for developing a world view of counseling, inclusive of a Christian view of persons. Students will practice basic helping skills and learn to conduct initial interviews. Students will initiate use of library research to develop hypotheses for empirical research.

**PSY 6133 Research Methods I (3 hours)**
An overview of the various research methodologies used to study behavior. The focus is on application, especially to counseling research. This course is closely tied to development of the thesis. The prospectus is begun during this module.

**PSY 6143 Research Methods II (3 hours)**
Research Methods II provides tools to analyze research data and draw appropriate conclusions from that data. This module is a study of computer-based techniques for the more common statistical procedures used in psychological research. It gives the student experience in using Systat to describe and draw inferences about research data, as well as assisting in completing the research for the student's thesis.

**PSY 6191 Internship (1 hour)**
Supervised clinical experience and practice in field-work, as approved by the program. The internship occurs concurrently with course work and follows guidelines set forth in licensure preparation. Internships will total minimum of 300 hours of service.

**PSY 6192 Internship (2 hours)**
Supervised clinical experience and practice in field-work, as approved by the program. The internship occurs concurrently with course work and follows guidelines set forth in licensure preparation. Internships will total minimum of 300 hours of service.

**PSY 6193 Internship (3 hours)**
Supervised clinical experience and practice in field-work, as approved by the program. The internship occurs concurrently with course work and follows guidelines set forth in licensure preparation. Internships will total minimum of 300 hours of service.

**PSY 6196 Internship (6 hours)**
Supervised clinical experience and practice in field-work, as approved by the program. The internship occurs concurrently with course work and follows guidelines set forth in licensure preparation. Internships will total minimum of 300 hours of service.

**PSY 6213 Group Psychotherapy Techniques (3 hours)**
An applied psychotherapy lab course that engages the student in both the theoretical foundations for group psychotherapy and in the actual experience of facilitating a psychotherapy group. Students will review literature regarding appropriate referrals to this modality of treatment as well as learning techniques to enhance the efficacy of group therapies. Much of this course will involve an experiential learning model as students participate in group process. There will also be an exploration of the use of groups within the Christian community.

**PSY 6233 Brief Psychotherapy (3 hours)**
Explores the growth and implementation of short-term treatment strategies with particular attention to cognitive behavioral intervention strategies. Cognitive behavioral therapy seeks to understand the foundation of behavior through cognitive schemes. Outcome studies indicating the efficacy of these models will be discussed. Students will be required to complete assignments and journal activity before the class commences. Students will be required to practice cognitive behavioral techniques with peers during the course.

**PSY 6243 Marriage and Family Therapy (3 hours)**
This course addresses the practice of marital and family therapy. It is designed to teach theory application, technique formation, technique delivery and follow-through in marital and family therapy. The application of family systems theory to the practice of family therapy is the foundation for this course. Techniques in marital and family therapy such as joining, relabeling, reframing, structure change, pattern enhancement, first- and second-order change, power word unpackaging and faith-language framing will be taught. Instruction in the assessment and utilization of the families language, rules and structure will be provided.

**PSY 6263 Family Crisis Intervention (3 hours)**
An applied psychotherapy lab course that engages the student in both the theoretical foundations for crisis intervention and in the actual and practical experience of implementing crisis intervention techniques. Students will review literature relevant to intervention in crisis situations as well as engage in a didactic interchange with speakers who work within the framework of crisis intervention as their occupation. Students will be instructed in the stages of emergency and crisis situations and the theoretical frameworks for describing crisis events. In addition, students will actively participate in a staged crisis situation and will develop crisis intervention strategies within the class setting. These strategies will include emergency assessment techniques for individuals who have the potential to harm themselves or others.

**PSY 6293 Phil of Interpersonal Relationships (3 hours)**
This course is designed to provide an overview of the major theological systems, biblical issues and interactional stules which underlie a philosophy of interpersonal relationships. The broad range of attitudes, beliefs and assumptions held by counselors and clients about these issues are discussed in light of the history of Christian belief systems and the Wesleyan-Arminian
evangelical tradition. Special effort is given to assisting students with clarification and articulation of their own attitudes, beliefs and assumptions and the implications their philosophy has on counseling practice.

PSY 6303 **Counseling Children & Adolescents (3 hours)**
An advanced counseling course focused on specific techniques used in diagnosis and treatment of children and adolescents. Normative and non-normative aspects of development are examined to assist in understanding appropriate interventions. DSM IV diagnoses found in children and adolescents are evaluated. Legal and ethical issues related to intervention with minors are also explored.

PSY 6333 **Theories of Counseling (3 hours)**
This course provides an overview of the major viewpoints underlying various approaches to counseling. It shows how these viewpoints developed as well as the ways of influence outlook and technique in counseling. You will have opportunity to see the various viewpoints in action as used by others and to apply them in role-played counseling sessions. Critique of the theories will include emphasis on Christian perspectives.

PSY 6343 **Marital & Family Systems (3 hours)**
This course is the foundational material for discovering how Marital and Family Therapy approaches human relationship problems. Marital and Family Therapy utilizes systemic theory as problems and problem resolution in a different way. This "different way" brings focus on the processes or context that is giving meaning to events instead of the individuals or the events themselves. Examination of marriage and family in the context of a system will be the theme of this course. Students will evaluate the usefulness of the concepts; equilibrium, fusion, recursion, morphostasis, morphogenesis, rules, boundaries, equipotentiality, wholeness, complementary, enmeshment, disengagement and other system concepts, in their models of therapy.

PSY 6353 **Counseling the Elderly (3 hours)**
A major emphasis for this course will be the multitude of changes that elderly adults experience and how these changes can result in issues that are addressed in a counseling setting. Normal and non-normal physiological changes and memory changes will be identified and discussed. Depression, substance abuse, and the high incident of elderly suicide will be highlighted. Geriatric assessment evaluation tools will be reviewed with emphasis on strengths, limitations, and scoring. Caregiving dynamics, both spousal as well as adult child, will be included as they impact on the elderly client. An integration of how these factors can become an integral part of the dynamics in a counseling setting will be identified with discussion centering on effective strategies.

PSY 6393 **Multicultural Treatment Planning (3 hours)**
This course is a synthesis of the student's clinical training. The student is taught how to coordinate diagnostic interviewing, psychological assessment techniques and diagnosis to assist in developing appropriate treatment plans for clients. Students will demonstrate appropriate use of DSM-IV diagnostic skills and illustrate an awareness of the growing body of literature on empirically based treatment planning. Multicultural aspects of counseling and treatment planning are investigated.

PSY 6993 **Thesis (3 hours)**
Completion of an empirical, behavioral research study, as approved by the program. A prospectus must be presented and approved prior to execution of the study. The written document follows APA style guidelines and format. Two oral presentations are also required and are scheduled as a part of the course work requirements.
SNM 2713  **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.

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 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 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.

**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 Networking Seminar (1 hour)**

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 4182 Networking Seminar (2 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 4183 Networking Seminar (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).
**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 understanding 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 are 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 or 15 or more Gen. Ed. CORE hours passed. Intro. to Philosophy and Christian Thought 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 Contemp Sports: Psych/Soc Perspect (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.

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 US 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 Directed Study (1 hour)
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 3182 Directed Study (2 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 3183 Directed Study (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 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 Psych (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 3232 Mexican Field Studies (2 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 3233 Mexican Field Studies (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 3234 Mexican Field Studies (4 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 3442 Death, Grief and 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.

SOC 3443 Police Organization & Admin (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 4123 Sociology of the Family (3 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.

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.

**Prerequisite:** Junior Standing.

**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.

**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 4453 Family: Coping with Crises (3 hours)**
This course examines the various crisis 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.

**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.

**SOC 6143 Soc-Phil Foundations Ed (3 hours)**
This course is designed to study aims and objectives of education as interpreted by the underlying philosophies upon which they are based. An analysis of the sources, interpretations and evaluations of selected contemporary human problems are integrated in the course with special attention to multi-cultural problems in education.
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 1 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 1 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 2153  Fundamentals of Translation (3 hours)
Fundamentals of Translation provides an introduction to the field of commercial translation. The course introduces students to the history, context, basic concepts and theories of translation and provides students with an analytical framework for further translation study. Simple analytical and translation exercises will be done to help illustrate concepts taught. The course is taught in English.

SPAN 3123  English into Spanish Translation (3 hours)
English into Spanish Translation offers extensive practice in English into Spanish translation in a variety of fields. Students proceed from simple translations to translations that are more complex. Students are introduced to and practice translation strategies that help move them from a focus on word and sentence level translation to a focus on complete text translation. Spanish-English contrasts are studied to help identify sources of source language interference and transfer and their effects on target language texts.

SPAN 3133  Spanish into English Translation (3 hours)
Spanish into English Translation offers extensive practice in Spanish into English translation in a variety of fields. Students proceed from simple translations to translations that are more complex. Students are introduced to and practice translation strategies that help them identify and effectively deal with problematic issues in Spanish into English translation. Spanish-English contrasts are studied to help identify sources of source language interference and transfer and their effects on target language texts.

**SPAN 3221**
**Special Studies in Spanish (1 hour)**
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 3222**
**Special Studies in Spanish (2 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 3223**
**Special Studies in Spanish (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 3232**
**Mexican Field Studies (2 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 3233**
**Mexican Field Studies (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.

**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: 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 Instr 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 Comp & Conv (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-American 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 the contributions of Spanish-America to world literature, 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).

**SPAN 5281 Independent Study (1 hour)**
May be repeated to a maximum of six (6) hours of credit.
Prerequisite: Intensive Spanish Composition and Conversation (SPAN 4473) and Modern Spanish Literature (SPAN 4523).

**SPAN 5282 Independent Study (2 hours)**
May be repeated to a maximum of six (6) hours of credit.
Prerequisite: Intensive Spanish Composition and Conversation (SPAN 4473) and Modern Spanish Literature (SPAN 4523).

**SPAN 5283 Independent Study (3 hours)**
May be repeated to a maximum of six (6) hours of credit.
Prerequisite: Intensive Spanish Composition and Conversation (SPAN 4473) and Modern Spanish Literature (SPAN 4523).
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**SP C 1133 Intro 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 Intro to Interpersonal Comm (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 1233 Intro to Professional Speaking (3 hours)**
An introductory course in professional speaking that meets the general education requirement in communication for honors students.

**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 Intro to Organizational Comm (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 2323 Survey of Mass Media (3 hours)**
An overview of American mass media that includes history, issues and trends.

**Prerequisite:** GSE: no prerequisite.
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  Directed Study (1 hour)
Individual study of an approved area based on the interest and/or need of the student. May be repeated. 
Prerequisite: Departmental approval.

SP C 3182  Directed Study (2 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 3183  Directed Study (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  Special Studies in Communication (1 hour)
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 3232  Special Studies in Communication (2 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 3233  Special Studies in Communication (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 3433  Instructional Strategies in Comm (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.

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.

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 3473  Group & Organizational Comm (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.

**SP C 4003 Special Studies in Speech Comm (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 Communication Arts Colloquium (1 hour)**
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 4192 Communication Arts Colloquium (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 Comm 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 Special Studies in Mass Comm (1 hour)**
Treatment of specific problems and trends in the field of mass communication. May be repeated for credit.

**SP C 4362 Special Studies in Mass Comm (2 hours)**
Treatment of specific problems and trends in the field of mass communication. May be repeated for credit.

**SP C 4363 Special Studies in Mass Comm (3 hours)**
Treatment of specific problems and trends in the field of mass communication. May be repeated for credit.

**SP C 4381 Internship (1 hour)**
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP C 4382</td>
<td>Internship (2 hours)</td>
<td>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.</td>
</tr>
<tr>
<td>SP C 4383</td>
<td>Internship (3 hours)</td>
<td>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.</td>
</tr>
<tr>
<td>SP C 4423</td>
<td>Interpersonal Communication (3 hours)</td>
<td>This course examines interpersonal communication and the factors that influence its effectiveness in both professional and personal relationships.</td>
</tr>
<tr>
<td>SP C 4584</td>
<td>Directing &amp; Producing (4 hours)</td>
<td>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.</td>
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<td><strong>Prerequisite:</strong> Departmental approval.</td>
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<tr>
<td>SP C 6123</td>
<td>Organizational Communication (3 hours)</td>
<td>Designed to investigate the communication behavior currently produced in most complex organizations. Units of study include: (1) The process of communication in organizations; (2) Organizational behavior, theory, motivation; (3) Message structure and networks; (4) Conflict, communication and organizations; (5) Intervention procedures for internal or external consultants, and (6) Research in organizational communication and consultancy.</td>
</tr>
<tr>
<td>SP C 6181</td>
<td>Independent Research (1 hour)</td>
<td>Individual program of readings, research, or conducted experimental studies in an approved area. May be repeated.</td>
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<td><strong>Prerequisite:</strong> Enrollment by departmental permission only.</td>
</tr>
<tr>
<td>SP C 6182</td>
<td>Independent Research (2 hours)</td>
<td>Individual program of readings, research, or conducted experimental studies in an approved area. May be repeated.</td>
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<td><strong>Prerequisite:</strong> Enrollment by departmental permission only.</td>
</tr>
<tr>
<td>SP C 6183</td>
<td>Independent Research (3 hours)</td>
<td>Individual program of readings, research, or conducted experimental studies in an approved area. May be repeated.</td>
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<td><strong>Prerequisite:</strong> Enrollment by departmental permission only.</td>
</tr>
<tr>
<td>SP C 6401</td>
<td>Teaching College Comm Courses (1 hour)</td>
<td>A course designed to prepare graduate assistants for teaching speech communication classes in a college/university setting.</td>
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<tr>
<td>SP C 6402</td>
<td>Teaching College Comm Courses (2 hours)</td>
<td>A course designed to prepare graduate assistants for teaching speech communication classes in a college/university setting.</td>
</tr>
<tr>
<td>SP C 6403</td>
<td>Teaching College Comm Courses (3 hours)</td>
<td>A course designed to prepare graduate assistants for teaching speech communication classes in a college/university setting.</td>
</tr>
<tr>
<td>SP C 6422</td>
<td>Trends in Teaching Speech and Drama (2 hours)</td>
<td>An investigation of recent and current research, theory and practice in the field of speech and drama education.</td>
</tr>
<tr>
<td>SP C 6473</td>
<td>Communication in the Classroom (3 hours)</td>
<td>A graduate level course concerned with effective and creative applications of oral communication techniques in the classroom situation. Emphasis will be given to recent</td>
</tr>
</tbody>
</table>
research in communication theory.
### 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 at the present time. The course covers common statistical procedures as they are done in Systat for Windows.

**Prerequisite:** Statistical Methods (STAT 3143)

### 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.
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 (B LT/GS 1163) and Methods in Biblical Study (B LT 2163).
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 (B LT/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 3223  Ideology Land: Arab & Jewish Perspec (3 hours)
This course will offer perspectives on ancient issues in Israel and the Arab world as well as current
contemporary issues in the world/land of Arab countries with respect to Israel with specific attention to how particular theological ideologies have shaped ideas and persons in this land. (Arab countries may include one or several countries located in the region around Israel.)

The course will include: a review of the history of people groups living in modern Arab countries focused in and around ancient and Modern Israel, a review of geographical features and locations that make up Ancient & Modern Israel specifically, and a review of theological and biblical perspectives of faith claims or stories made with respect to these locations and this land. One component of this course offering will include the opportunity to travel to one of several Arab countries territories in and around Israel along with travel to Israel in order to gain first hand the "land," cultures, customs, and people. The course can not be exhaustive in scope but will attempt to faithfully, critically and intentionally integrate perspectives that are aware of Jewish, Christian, and Islamic faith-traditions with the assistance of outside experts, resources (print and media), and lectures as they are available.

THEO 3263  
Bibli Theology & Global Stewardship (3 hours)

The intent of this course will be to discern what the Bible and Christian Theology articulate about the nature of the world and the place of Human Persons in that world. Specific attention will be given to texts in the Bible and to dimensions of God's sovereignty. The 'rule' and 'role' of human persons in creation will be discerned with special attention to issues of agrarian practices, land economies, and sabbath principles. A variety of resources will be used to discern how to be good stewards of creation in response to modern day concerns and dilemmas in various habitats, ecological situations, and in the politics and economic practices of governments as human persons address the contemporary situation. As an extension of the theological issues, the course will attempt to faithfully, critically and intentionally integrate the relation with the natural sciences as experts, resources (print & media), and lectures are available. These might include expert practitioners in physics, cosmology, evolutionary and molecular biology, as well as technology, the environment, and ethics.

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 discussions, 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 3101) 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 5143 Theologians of the Modern Era (3 hours)
This course is a study of the theological conversation that emerged because of the Enlightenment. Special attention will be given to the philosophical presuppositions from which modern theology developed. The class will explore a variety of modern theologians (from Schleiermacher to Barth) and their methods.

THEO 5153 Theologians of the Post-Modern Era (3 hours)
This course is a study of the theological conversation that emerged because of the Post-Modern setting. Attention will be given to the problem of pluralism and the doctrinal issues which are impacted by this problem. We will explore a variety of theological methods and theologians for this post-modern setting. Half of the class will be devoted to exploring and constructing a specific theological approach.

THEO 5163 Reformation Theology (3 hours)
A study of the chief theological concepts of the Protestant Reformation against the background of late medieval thought. Major attention will be given to the thought of Luther and Calvin with extensive readings in their works.

THEO 5173 Seminar in Theology (3 hours)
In response to the most recent developments in the theological world, specialized seminars on contemporary topics such as liberation theology, incarnational theology, etc., will be offered according to need.

THEO 5181 Directed Readings in Theo & Minist (1 hour)
Study in subjects and literature in a specialized area of Theology & Ministry is permitted. (This course is only offered on a Pass/Fail basis.) Requires approval by M.A. coordinator and professor directing the study.

THEO 5182 Directed Readings in Theo & Minist (2 hours)
Study in subjects and literature in a specialized area of Theology & Ministry is permitted. (This course is only offered on a Pass/Fail basis.) Requires approval by M.A. coordinator and professor directing the study.

THEO 5183 Directed Readings in Theo & Minist (3 hours)
Study in subjects and literature in a specialized area of Theology & Ministry is permitted. (This course is only offered on a Pass/Fail basis.) Requires approval by M.A. coordinator and professor directing the study.

THEO 5193 Seminar in Theology (3 hours)
Specialized investigation of specific areas of Biblical or theological content. May be repeated.

THEO 5303 Theological Method (3 hours)
The Wesleyan quadrilateral will provide the basis for lecture, readings and discussion on the role of Scripture, tradition, experience and reason in making theological decisions relating to ministry. The implications of other contemporary theological methods for ministry will be explored. This is a CORE module for M.A. students having deficiencies in Systematic Theology.

THEO 6103 Theology of Church and Ministry (3 hours)
M.A. IN THEOLOGY CORE MODULE. Biblical, historical and contemporary bases will be explored as resources for the formulation of a theology of the church
and of ministry in the church. The impact on one's presuppositions of church and ministry on actual practice of ministry will be discussed.

**THEO 6113 Patristic Theology (3 hours)**
A study of Christian theology in the classical period of its development, from the Apoltonic age to the fifth century. Attention is given to the thought of the Early Church Fathers, the beginnings of constructive theology, the conflict with heresies, the influence of Greek ideas on Christian thought, and the writing of the creeds.

**THEO 6123 Medieval Theology (3 hours)**
A study of Christian theology through the scholastic period of its development, from the sixth to the fifteenth century. Besides attention to the important individuals, special emphasis will be placed on the philosophical presuppositions and theological trends which paved the way for the Protestant Reformation.

**THEO 6223 Specialized Studies (3 hours)**
A course designed to offer specialized subject matter/skills to address current ministry trends, students' needs and interests. Integrating Biblical, theological, and historic concerns with practical ministry will be a major focus. The course may be repeated with different subject matter. Topics may include "Teaching Ethics," "Strategies for Effective Evangelism," "Marriage and Family Counseling" as well as other topics of current interest in the life, thought and ministry of American Christianity.
TRAN 2153  Fundamentals of Translation (3 hours)
Fundamentals of Translation provides an introduction to the field of commercial translation. The course introduces students to the history, context, basic concepts and theories of translation and provides students with an analytical framework for further translation study. Simple analytical and translation exercises will be done to help illustrate concepts taught. The course is taught in English.

TRAN 3123  English into Spanish Translation (3 hours)
English into Spanish Translation offers extensive practice in English into Spanish translation in a variety of fields. Students proceed from simple translations to translations that are more complex. Students are introduced to and practice translation strategies that help move them from a focus on word and sentence level translation to a focus on complete text translation. Spanish-English contrasts are studied to help identify sources of source language interference and transfer and their effects on target language texts.

TRAN 3133  Spanish into English Translation (3 hours)
Spanish into English Translation offers extensive practice in Spanish into English translation in a variety of fields. Students proceed from simple translations to translations that are more complex. Students are introduced to and practice translation strategies that help them identify and effectively deal with problematic issues in Spanish into English translation. Spanish-English contrasts are studied to help identify sources of source language interference and transfer and their effects on target language texts.
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.
School of Professional Studies

The programs in the School of Professional Studies are under the supervision of the vice provost and dean of the SNU College of Professional and Graduate Studies. Implementation is the responsibility of the faculty of the School of Professional Studies and supporting departments. All policies and curricula are monitored and approved by the SNU Academic Council, the school, and SNU faculty.
School of Professional Studies
Degree Requirements

Credit Requirements
Completion of a baccalaureate degree requires a minimum of 124 credits, 30 of which must be taken at SNU. Forty (40) credits must be upper division (junior or senior level) courses. A cumulative GPA of 2.00 (4.00 scale) is required for graduation. A GPA of 2.00 is also required in the major. Credit from prior learning assessment may be earned through the submission of a portfolio – limited to 30 credits. A maximum of 45 credits may be earned through a combination of prior learning, CLEP and advanced standing.

Curriculum Requirements
The curricula for the Bachelor of Science degree-completion programs are divided into three categories:

General Education - Forty-five credits in addition to the liberal studies included as part of each professional studies major:

- Language, literature, and communication (nine credits) *
- Social and behavioral sciences (nine credits)
- Natural science (nine credits)
- Fine arts, philosophy, and theology (nine credits)
- General Education electives (nine credits)

Electives - 41 to 43 credits

Major Coursework - 36 credits

* Composition I: Exposition (ENGL 1113) is required.
Bridge
A Pre-degree Completion Plan

Bridge is designed for adult learners, generally 23 years of age and older, with at least 24 transferable college credits (Composition I: Exposition (ENGL 1113), mandatory). Bridge offers a means for completing the credits needed to enter a degree completion program. Single courses are offered at various times throughout the calendar year. Learners may enroll for Bridge by contacting the School of Professional Studies admissions office. Financial assistance is available for Bridge.

Offerings include courses such as:

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>MCJL 4353</td>
<td>Interviewing Techniques</td>
</tr>
<tr>
<td>HP 2413</td>
<td>Geomorphology</td>
</tr>
<tr>
<td>HP 4173</td>
<td>Modern Latin America</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Math: Concepts and Models</td>
</tr>
<tr>
<td>SP C 4233</td>
<td>Intercultural Communication</td>
</tr>
<tr>
<td>SOC 4183</td>
<td>Cultural Anthropology</td>
</tr>
<tr>
<td>F A 2123</td>
<td>Introduction to Fine Arts</td>
</tr>
<tr>
<td>NURS 2323</td>
<td>Nutrition for Disease and Health</td>
</tr>
<tr>
<td>ART 2013</td>
<td>History of Art and Design</td>
</tr>
<tr>
<td>PSY 1023 / SOC 1023</td>
<td>Crucial Issues: Personal and Social</td>
</tr>
<tr>
<td>THEO 2233</td>
<td>Introduction to Christian Thought</td>
</tr>
<tr>
<td>HP 4303</td>
<td>America in Vietnam</td>
</tr>
<tr>
<td>BIOL 3213</td>
<td>Ornithology</td>
</tr>
<tr>
<td>PHIL 4233</td>
<td>World's Living Religions</td>
</tr>
<tr>
<td>SOC 2153</td>
<td>Sociology of Family</td>
</tr>
</tbody>
</table>

Course placement and offerings are subject to change. See appropriate department for course descriptions.
Independent Study Modules (ISM)

The SNU School of Professional Studies offers a number of courses that a student may take independently. A student may enroll in an ISM by contacting an academic advisor. Enrollment requires admission to SNU.

The following courses are currently offered as ISMs:

**B LT 1163 Introduction to Biblical Literature (3 Credits)**
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 Credits)**
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 2013 World Civilizations I: Prehistory to 1500 (3 Credits)**
This course offers an overview of the development of human civilization from our prehistoric roots to 1500. It will analyze political, social, economic, moral and ideological foundations important in the development of today’s global society. Students will explore important concepts through lecture, discussion, collaborative publishing, and primary document analysis.

**HP 4173 Modern Latin America (3 Credits)**
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.

**HP 4433 Anti-Semitism and the Holocaust (3 Credits)**
This course seeks to engage learners in a critical consideration of the moral and religious and theological implications of Nazi Germany’s "war against the Jews," the intentional and calculated destruction of some six million European Jews (accompanied by the enormous suffering and losses experienced by other "undesirable" groups) which is referred to as the Shoah, or Holocaust. In order to do this, learners will consider those events and perceptions that allowed the Holocaust to come about, particularly the development of racial anti-Semitism and religious anti-Judaism that traces part of its lineage back to Catholic/Christian theological perspectives, values, and actions of the early and medieval Christian Church. The behavior and teachings of the church, its leaders, and lay adherents during the holocaust will be explored, as will the religious motivations for the extraordinary courage displayed by those Christians who risked their lives to save Jews. The course will then focus on contemporary Christianity responses to the to the Holocaust's challenge to Jewish and Christian traditions, values, and theological positions.
PHIL 3233  Ethics (3 Credits)
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 Credits)
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 Credits)
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.

C ED/GS 3023  Ministry, Church, and Society (3 Credits)
This course is designed to equip the student with an in-depth understanding of Wesleyan ecclesiology and its application in a postmodern, post-Christian society.
Business Administration (BS/BA)

The BS/BA is for students who have at least 60 transferable college credits, and the program focuses on acquiring skills in the financial and managerial aspects of business. The program is 15 months in length, and can help students navigate through these times of complex business issues, as well as prepare students for the next step in their career. Classes meet one night a week. The BS/BA program emphasizes more than just business theory: it deals with practical applications.

Courses

MODULE 1
BADM 3143 Technical Communication
This course is designed to provide students with experience involving major forms of technical communication used in professional fields. This course will introduce students to the rhetorical principles as well as documentation practices necessary for writing and producing effective and professional communications, such as letters, reports, instructions, proposals and websites.

MODULE 2
PSY 3413 Personal and Professional Development
This course examines adult learning theory and various learning styles. The course provides a model that is used to analyze life experience.

MODULE 3
ECO 3113 Economics for Managers
This course is a study of the economic choices people make daily with a managerial focus. Topics include examination of economics systems, supply and demand, costs, production and productivity, roles of government, the banking system and international commerce.

MODULE 4
MGT 3413 Organizational Behavior I; Diagnosis and Planned Change
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.

MODULE 5
ACC 3163 Managerial Accounting
This course provides for the study and application of principles, methods and techniques required to conduct applied research. The course also emphasizes the skills needed to report the research in both written and oral presentation.

MODULE 6
REL 3413 Biblical Perspectives in Western Culture
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.

MODULE 7
STAT 3423 Data Analysis Methods
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.

MODULE 8
MKT 3173 Marketing for Managers
The focus of this course is to understand the elements that comprise an effective marketing campaign. From the Four P’s to International Marketing issues, this course will assist the student in understanding the role of marketing in the overall success of an organization.

MODULE 9
FIN 3103 Business Finance
This is 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.

MODULE 10
BADM 3113 Business Law
This course provides a study of the law of business and its administration. It will explore 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.

MODULE 11
BADM 3153 Issues in International Business
This course explores the cultural, political and economic aspects of conducting business in a global marketplace. This course builds upon the theoretical basis of other business courses.

MODULE 12
BADM 3163 Senior Capstone: Ethics and Applications
In this course learners will utilize all previous business coursework to compete in a business simulation and analyze results. Ethics from a Christian perspective will also be incorporated into analysis of cases and the simulation.
Criminal Justice (CJ)

**Degree Objectives**

The CJ program leads to a Bachelor of Science degree in Criminal Justice. The goal of the criminal justice degree-completion is to equip the individual for a career in criminal justice by focusing on theory and practical application of leadership skills such as professional communication, problem solving, and strategic thinking. The curriculum is multidisciplinary focusing on three areas of concentrated study in the field of criminal justice: professional communication, community issues in criminal justice and organizational development.

**Course Descriptions**

*Note: some of these courses are still in development and pending final approval.*

**Professional and Technical Writing in Criminal Justice**
This course is adapted from a typical college writing platform serving the particular needs of people who work in the Criminal Justice fields. It is a very task oriented course, focusing on skill development with an understanding of the reasons for skill development. It focuses on clarity, conciseness, and a disciplined understanding of meaning so the student/worker spends less time writing and more time conveying information.

**Communication Concepts in Criminal Justice**
This course focuses on theory of and skill development in argumentation and debate, presentation skills, and interview techniques as they apply to field applications and courtroom procedures in criminal justice.

**Advanced Criminal Procedures and Decision Making**
This course is a study of the structure and processes of the court system with emphasis on trial procedure and strategies. It provides critical thinking and problem solving skills for approaching criminal procedures.

**Moot Court**
This course provides an in depth survey of the trial process, exposing students to each step of a trial in a hands on fashion. The course will be taught utilizing traditional lecture, reading, and actual mock trial experience.

**Crisis Intervention and Management**
This course introduces techniques of crisis intervention and management as they apply to practitioners. Emphasis is on victim/offender behavior and situations and other high stress and/or dangerous citizen contacts requiring problem solving skills, as well as analysis skills for emotional, violent, drug-induced incidents that require field intervention and/or resolution.

**Deviant Communities**
This course provides a study of current sociological theories of deviant behavior in groups and subgroups of society. Focus is given to crowd and mod behavior, gangs, and collective behavior.
Hispanic Culture and Language
This course is a study of cultural characteristics of Hispanics with instruction in common words and phrases relevant to the field of law enforcement.

REL 3413 Biblical Perspectives in Western Culture (3 Credits)
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.

MGT 3413 Organizational Behavior (3 Credits)
This course provides an understanding of systems analysis in complex organizations. The course examines the three system components of inputs, transformation, and outputs as well as techniques and strategies to plan, implement, and manage change in an organization.

Finance for Decision Making
This course provides a framework, concepts, and tools for analyzing financial decisions based on fundamental principles of modern financial theory. The approach analyzes corporate financial policy, including capital structure, cost of capital, dividend policy, and related issues.

Crime Mapping and Analysis
This course introduces CJ professionals to the availability and potential uses of electronically available geographical information. Students will examine the use of various tool kits for analyzing and visualizing criminal justice issues in light of available geographical and intelligence information.

GS 4423 Personal and Professional Ethics and Values (3 Credits)
This course encourages reflection on learning, the relationships, personal and personal growth and goals. Human beings are not mere professional, biological or psychological machines. What makes us human and distinguishes us from other creatures are our moral and spiritual qualities. This course focuses on character, personal transitions and accomplishments. It focuses on reflection regarding personal values, commitments, and an insight into the meaning of life.
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 Credits)**
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  Personal and Professional Development (3 Credits)**
This course examines adult learning theory and various learning styles. The course provides a model that is used to analyze life experience.

**SPC 3462  Family Communication (2 Credits)**
This course examines interpersonal communication and the factors that influence its effectiveness in professional, family, and personal relationships.

**PSY/SOC 4433  Adulthood and Aging (3 Credits)**
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 and Structure (2 Credits)**
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 Credits)**
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 Credits)**
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 Credits)**
This course combines the relevant principles and techniques of counseling and is designed to develop counseling competency.

**REL 3413  Biblical Perspectives in Western Culture (3 Credits)**
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 Credits)**
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 and Administration (2 Credits)
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 Credits)
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, and Loss (2 Credits)
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  Personal and Professional Ethics and Values (3 Credits)
This course encourages reflection on learning, the relationships, personal and personal growth and goals. Human beings are not mere professional, biological or psychological machines. What makes us human and distinguishes us from other creatures are our moral and spiritual qualities. This course focuses on character, personal transitions and accomplishments. It focuses on reflection regarding personal values, commitments, and an insight into the meaning of life.

FSG Program Practicum
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 Bachelor of Science 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  Personal and Professional Development  (3 Credits)**
This course examines adult learning theory and various learning styles. The course provides a model that is used to analyze life experience.

**CSNE 3913  Routers and Switches I (3 Credits)**
This course focuses on network terminology and protocols, LANs, WANs, OSI models, cabling, routers, Ethernet, IP addressing, and network standards. The course also focuses on initial router configuration and Cisco IOS Software management.

**CSNE 3413  Windows Networking I (3 Credits)**
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.

**MGT 3413  Organizational Behavior I; Diagnosis and Planned Change (3 Credits)**
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.

**CSNE 3813  Windows Networking II (3 Credits)**
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.

**REL 3413  Biblical Perspectives in Western Culture (3 Credits)**
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.

**CSNE 3923  Routers and Switches II (3 Credits)**
This course focuses on advanced IP addressing, intermediate routing protocols, command-line interface configuration, Spanning Tree Protocols, and VLAN trunking. The course also focuses on WAN technology and terminology.

**CSNE 4413  Windows Networking III (3 Credits)**
This course provides students with the knowledge and skills necessary to install, configure, and administer Active Directory™ services. This course also includes implementing Group Policy
procedures to centrally manage users and computers. Class meets two nights a week.

**STAT 3423  Data Analysis Methods (3 Credits)**
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.

**CSNE 4123  Windows Networking IV (3 Credits)**
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.

**GS 4423  Personal and Professional Ethics and Values (3 Credits)**
This course encourages reflection on learning, the relationships, personal and personal growth and goals. Human beings are not mere professional, biological or psychological machines. What makes us human and distinguishes us from other creatures are our moral and spiritual qualities. This course focuses on character, personal transitions and accomplishments. It focuses on reflection regarding personal values, commitments, and an insight into the meaning of life.

**CSNE 4213  Windows Networking V (3 Credits)**
This course provides students with the knowledge and skills necessary to design, implement and support the network infrastructure and information technology needs of the organization and implemented in Microsoft® Windows. Strategies for identifying the directory services infrastructure as the resulting Active Directory™ design will also be covered. Design of the security of the network is the final topic.
Nursing (RN/BS)

Registered nurses (R.N.) from a diploma or associate degree program who want to obtain a B.S. degree may apply through the School of Professional Studies for admission to the 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 14 months in length and meets one evening per week. Significant work is completed outside the classroom.

Licensed practical nurses, who are admitted to the traditional nursing program, may challenge a maximum of ten credits 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.

Degree Objectives

The RN/BS 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 36 credits (24 credits nursing and 12 credits general education) and is prepared for graduate work in nursing.

Course Descriptions

NURS 3903 Professional Concepts in Nursing (3 Credits)
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.

NURS 4903 Health Assessment and Promotion across the Lifespan (3 Credits)
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 Credits)
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.

PSY 3413 Personal and Professional Development (3 Credits)
This course examines adult learning theory and various learning styles. The course provides a model that is used to analyze life experience.
STAT 3423 Data Analysis Methods (3 Credits)
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 Credits)
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 in Western Culture (3 Credits)
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 Credits)
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 Healthcare (3 Credits)
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 healthcare programs is explored. A clinical portion of this course will emphasize working with large groups of persons with a multicultural background.

ECO 3913 Healthcare Economics (3 Credits)
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 healthcare market place. The application, implications, and ethical ramifications of these principles for the American healthcare system will also be discussed.

NURS 4593 Leadership (3 Credits)
This course will focus on the concepts of leadership and management as they relate to nursing practice, nursing service, and the delivery of healthcare. 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 Credits)
Growing and thriving as a professional nurse in a dynamic and changing healthcare field is examined. Considered are the roles 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

SP C 4423 Interpersonal Communication (3 Credits)
This course examines interpersonal communication and the factors that influence its effectiveness in both professional and personal relationships.

PSY 3413 Personal and Professional Development (3 Credits)
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 Credits)
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 and Reporting (3 Credits)
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 Credits)
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 Credits)
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 in Western Culture (3 Credits)
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 Credits)
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 Credits)
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  Personal and Professional Ethics and Values (3 Credits)
This course encourages reflection on learning, the relationships, personal and personal growth and goals. Human beings are not mere professional, biological or psychological machines. What makes us human and distinguishes us from other creatures are our moral and spiritual qualities. This course focuses on character, personal transitions and accomplishments. It focuses on reflection regarding personal values, commitments, and an insight into the meaning of life.

BADM 4435  Senior Research Project (5 Credits)
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.
The School of Graduate Studies

Southern Nazarene University offers three master's degrees. These degrees are the Master of Arts, the Master of Science and the Master in Business Administration. Degree majors include the following:

**Master of Arts**
- Church Leadership
- Curriculum and Instruction
- Educational Leadership
- Marriage and Family Therapy
- Theology

**Master of Science:**
- Nursing Education
- Nursing Leadership
- Counseling Psychology
- Management

**Master in Business Administration**

Link to SNU main Website: [School of Graduate Studies](http://serak.snu.edu/catalog/Catalog.asp?ContentCode=102-308&PF=y&C...)
School of Graduate Studies
Graduation Requirements

These requirements must be met in order to apply for those seeking to graduate.

1. Admission to full standing for each program.

2. Completion of a planned program of the required semester credits (programs vary from 33 to 60 credits—see program sections) with a grade average of "B" (3.00 on 4.00 scale) or above.

3. For the student following a nonthesis plan, satisfactory performance on the exit evaluation.

4. For those taking the thesis option, submission and defense of an acceptable thesis.

5. Submission of an application for graduation early in the semester before expecting to complete requirements for graduation. Graduate students will work with their appropriate program office to submit applications at the appropriate point in the program sequence.
School of Graduate Studies
Exit Evaluation / Thesis Defense

Each degree program requires an exit evaluation. The form and expectations differ according to the design of the program. The candidate should check with the program director in the specialization area for details.

Nonthesis students must complete the exit evaluation ten calendar days prior to graduation. Thesis students must complete the thesis defense three weeks prior to Commencement.
Master of Arts in Church Leadership (M.A.C.L.)

Objectives

The M.A.C.L. program is for persons who are involved in a variety of leadership activities in the church. Those who will find this program valuable include pastors, staff ministers, local church leaders, faith-based organizational leaders, and owner-leaders of independent businesses.

The M.A. in Church Leadership is a distinctive program that integrates practical skills with spirituality and organizational purpose. This program provides a foundational core of knowledge through courses in theology, biblical interpretation, sociology, and self-mastery. Application courses provide an action focus to enhance individual’s ability to lead effectively in the wide variety of situations that church leadership encounters.

The program utilizes a problem based learning model for developing skills for effective leadership of self, others, the local congregation, and for effective participation in the global mission of the church. The program guides students to analyze the strengths, weaknesses, skills and ministry/leadership demands for church leaders, with the goal of ongoing, spiritual growth and professional development. Students practice shared leadership through assignments involving the characteristics of adult member/participants, conflict resolution, influence, and team building.

Through this degree program the School of Theology and Ministry aims to equip students to effectively serve the church and community as vocational ministers or in other chosen careers. The School intends that the student who completes this degree program will be able to:

- Demonstrate the ability to investigate and interpret the biblical text.
- Demonstrate the ability to define and utilize Wesleyan theological methods as well as to recognize other contemporary methods.
- Demonstrate the ability to recognize and practice effective church leadership behaviors
- Demonstrate competence in using computers and other emerging technology.
- Demonstrate competence in resourceful, independent learning.
- Demonstrate the ability to gain self-knowledge and understanding.
- Demonstrate the ability to use conceptual and analytical skills.
- Demonstrate the ability to formulate a plan for intentional change.
- Demonstrate competence in developing leadership.
- Demonstrate critical thinking skills.

Admission Requirements
• Have previously earned a baccalaureate degree from an accredited institution. The degree does not have to be in religion / theology.

• Have submitted application for admission and paid application fee.

• Have submitted official transcripts of all undergraduate studies, and any prior graduate studies.

• Have competence in computer applications, and successfully complete the one-credit course Orientation to Online Studies.

• Have paid registration fee.

• Have made financial arrangements with the School of Graduate Studies financial assistance office.

Curriculum

The curriculum for the M.A.C.L. consists of ten three-credit modules, and a one-credit orientation module. Course descriptions are included in this catalog. Courses are taken in a planned sequence one at a time. Each course consists of six weeks of intensive study including weekly classroom sessions (seminar style) and extensive preparation outside of class. Enrollment is in the total program rather than individual courses. Grades, however, are provided for each course. Upon enrollment, the student is assigned to a cohort group and remains with this group throughout the program. Courses will be delivered online and in residence on campus, for the near future. The goal is to offer the program entirely on-line.

The courses composing the curriculum are organized into three categories.

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<th>Courses</th>
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<td>PRTH 5003</td>
<td>Character, Characteristics, and Career</td>
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<th>Foundational Courses</th>
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<td>Theological Method</td>
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<td>THEO 6103</td>
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<td>PRTH 5083</td>
<td>Sociology of Cultures/Communities/Churches</td>
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<th>Application Courses</th>
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<tr>
<td>PRTH 5203</td>
<td>Leadership and Conflict-Resolution</td>
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<td>PRTH 5133</td>
<td>Congregation Organization, Behavior and Health</td>
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<td>PRTH 6213</td>
<td>Developing Church Leadership</td>
</tr>
<tr>
<td>PRTH 5503</td>
<td>Congregation Care and Team Building</td>
</tr>
<tr>
<td>PRTH 6403</td>
<td>Ministry Practicum: Leading Change in the Local Church</td>
</tr>
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Graduation Requirements

• Completion of the prescribed courses, with no grade lower than a "C".
- A cumulative 3.00 GPA at the conclusion of the program.
- Completion of an exit evaluation, as part of the Ministry Practicum (PRTH 6403) course.
Graduate Programs in Counseling

Master of Science in Counseling Psychology (MSCP) and Master of Arts in Marriage and Family Therapy (MAMFT)

There are two graduate degree programs in psychology: a Master of Science in counseling psychology (MSCP) and a Master of Arts in marriage and family Therapy (MAMFT). The MSCP program is designed to meet the academic requirements for the State of Oklahoma’s Licensed Professional Counselor credential and the MAMFT program fulfills the academic licensing requirements for the Oklahoma Licensed Marital and Family Therapist credential. Both programs share a common CORE of coursework and are delivered in an accelerated, modularized format.

The MSCP and MAMFT programs are committed to building thoughtful, informed, caring Christian persons who are contributing professionals to the field of counseling psychology and marriage and family therapy. It is the programs' goal that persons completing the program acquire the skills and perspectives requisite to effectiveness in the conduct of both their professional and personal lives. Also regarded as essential is the student’s knowledge of and appreciation for the contributions of orthodox Christianity and the Wesleyan – Armenian tradition to understanding human nature, human behavior and factors affecting behavior change. The focus of the programs, therefore, is on producing qualified, credible professionals who can bring the added dimension of a Christian perspective that influences their professional endeavors.

Emphases

- Understanding the discipline's major issues (philosophical, methodological, social), and an articulation of the complexities of those issues.

- Understanding the current trends and developments in the field within the context of the historical underpinnings of the discipline. Appreciation for and development of research skills which are essential to understanding the current work of the field as well as to becoming a contributing professional to the field.

- Application of current theoretical and research findings to various problems/issues that typically arise in counseling settings.

- Development of requisite skills and techniques (listening, reflecting, responding, testing, interpreting, diagnosing, etc.) to be effective as a counselor in today’s world.

- Increased depth of understanding in selected content areas.

- Comparison of various theoretical approaches (and their implications for practice), with integration/synthesis of the commonalities and analysis of the differences.

- Sufficient familiarity with various theoretical and worldview positions so that the student can state the basic assumptions of a particular perspective and compose a coherent argument which follows from that specific set of assumptions.

- Understanding of the principles that guide ethical decision-making as a practitioner (e.g. those adopted by the APA, AAMFT, ACA, etc.).
• Fostering an on-going quest for knowledge, which manifests itself in continuing professional development, professional contribution to the field and life-long learning.

• Continuing improvement of written communication skills.

• Continuing improvement of oral communication skills.

• Expression of a personal philosophy of life from which one’s professional emphases and commitments arise; ultimately, this results in the articulation of a preferred counseling approach, along with practice of that approach.

• Although not a primary emphasis of the program, the curricular design reflects the flexibility to allow the student to develop expertise in dealing with specific problems/content areas (e.g. substance abuse, incest, marriage and family, etc.).

**Specific Admissions Requirements**

- A variety of information is used in making admission decisions for the MSCP and MAMFT programs. There are two cohort groups started per calendar year: February and September. Admission to the MSCP and MAMFT programs requires the following:

- Complete the prerequisite courses in General Psychology (PSY 1113) and Basic Statistical Methods (STAT 3143). An applicant must have completed 18 hours in psychology-related coursework. These courses could include Developmental Psychology, Social Psychology, History and Systems of Psychology, Abnormal Psychology, Psychology of Personality, Psychology of Religion, Principles of Counseling, Psychological Testing, Physiological Psychology, Experimental Psychology, Learning and Memory, and Survey of the Exceptional Child. All transcripts are evaluated by the MSCP / MAMFT Admissions Screening committee and the MSCP / MAMFT director to determine whether coursework meets minimum standards.

- Satisfactory completion of the MSCP / MAMFT Admission Goals essay, which focuses on the student's background experiences and goals for the future. The essay is evaluated by the MSCP / MAMFT Admissions Screening committee to assess the applicant's writing skill and the match between the programs' objectives and the applicant's goals.

- A personal interview with a designee from the Admissions Screening committee. A nonrefundable fee of $150 is due prior to interview.

- Three letters of recommendation.

- Completed application with $25 application fee.

- Satisfactory completion of a professional journal article review. This will be assessed for professional writing competency by the Admissions Screening Committee.

- Complete the proficiency exam for the American Psychological Association's writing style in the Publication Manual of the American Psychological Association, (Fifth Edition). The applicant must pass with 80% competency. The exam costs $10.00, and is only given to applicants accepted for the MSCP or MAMFT programs.

The application deadline for each cohort is October 1st for the February group and June 1st for the September group. Applications are processed and interviews may begin prior to the deadline. Early submission of application is encouraged.
Masters Programs

Master of Science in Counseling Psychology
Master of Arts in Marriage and Family Therapy
The Master of Arts in Curriculum and Instruction: National Board Certification (MACI) is a standards-based, 36-credit degree program to improve the quality of teaching. The coursework focuses on what teachers should know and be able to do, and is built on the five Core Propositions of the National Board for Professional Teaching Standards (NBPTS):

1. Teachers are committed to students and their learning.
2. Teachers know the subjects they teach and how to teach those subjects to students.
3. Teachers are responsible for managing and monitoring student learning.
4. Teachers think systematically about their practice and learn from experience.
5. Teachers are members of learning communities.

The MACI has three track options:

1. MA Degree Only
2. MA Degree with NBPTS Certification Process
3. NBPTS training only

The program will be delivered in a cohort format.

Ten of the 12 courses (30 credits) are required and will be taken by all students in order. Students will have the following options for the remaining two courses (six credits):

**Option 1:** Go through the NBPTS assessment process. The student will be responsible for registering with NBPTS and will pay the fees directly to NBPTS.

**Option 2:** Transfer in six approved credits. Classes must have been completed within the past six years.

**Option 3:** Take two online courses.

*Note: students who are already NBPTS certified will get six semester credits for that certification.*

**Objectives**

In addition to the above-mentioned propositions, the specific program objectives are:

1. To prepare teachers to be leaders in the learning community.
2. To prepare teachers who recognize the value of collaboration with parents, colleagues, and the community at large.

3. To prepare teachers to teach to standards and use assessment results to improve learning.

4. To prepare teachers who can use reflection to make changes that will increase learning.

5. To prepare teachers who recognize the advantages of diversity and who can teach effectively in a diverse setting.

6. To prepare teachers who are willing and able to initiate change based on data concerning learning.

7. To prepare teachers who are life-long learners and researchers.

**Specific Admission Requirements**

- The requirements for admission to the MACI are as follows:
  
  - The candidate must hold a baccalaureate degree from a regionally accredited college or university.
  
  - The candidate must have completed three years of teaching in a public or private pre-k-12 setting.
  
  - The candidate must have a cumulate undergraduate GPA of 3.00 or above. If the GPA is below 3.00, the candidate must pass the Millers Analogies Test with a minimum score of 33. The test may be taken at any university testing center. The SNU testing center (405-491-6323) administers the test by appointment. Please arrange the appointment a minimum of three weeks in advance.

  - Complete all items on the admission checklist including the writing sample described in the checklist.

**Content Area Courses**

- **ED 6513**  What Works in Today's Classroom
- **ED 6153**  Educational Research / Statistics
- **ED 6123**  Classroom Management (online)
- **ED 6533**  Reflective Practice: Descriptive, Analytical and Reflective Writing
- **ED 6543**  Assessment
- **ED 6023**  Evaluation of Curriculum and Instruction
- **ED 6093**  Sociology of Cultures / Community / Schools
- **ED 6413**  Reading Comprehension (on-line)
- **ED 6563**  School Improvement
- **ED 6573**  Mentoring / Coaching
The master of arts in educational leadership (MAEL) program is for teachers who want to be equipped with the necessary skills and knowledge to become effective educational administrators. It is designed to meet very specific needs of persons wishing to prepare for an active role in decision making in both public and private schools. In this rapidly changing information world, such things as finance, law, public/private debate, and understanding and addressing the needs of an increasingly diverse culture, will be needed for this challenging profession. This offering also meets curriculum requirements for Oklahoma licensure/certification in administration.

Objectives

The MAEL is based on the following ten principles of leadership. It is the goal of this program to develop individuals committed to:

Truth – Education is the pursuit of truth in the making and living of life. This commitment includes a belief in the spiritual dimensions to life. This notion of God as Creator and Sustainer of all things is our understanding of truth as a seamless web, in which all truth is God's truth. Educational leaders should be guided by the proposition of the unity of truth as being basic to a well-ordered society.

Openness – Education is rooted both in tradition and change. This commitment includes a belief in the need to be as fully rooted in the present as in the past. This notion is rooted in a view of God as Ultimate Agent of Change. Educational leaders should be guided by the assumption of the need to be open to the past and the future.

Efficiency – Education is enabled by the wise use of human and material resources. This commitment is grounded in the belief of wise stewardship of all resources. This notion is rooted in a view of God as the Giver of all things. Educational leaders should be guided by the assumption that managerial expertise should prepare persons to maximize the efficient and effective use of persons and resources.

Personhood – Education is enabled by the democratic commitment to the sanctity of each person. This commitment is grounded in the belief that persons are made in God’s image. This notion is rooted in a view of God as the author of the whole human person. Educational leaders should be guided by the assumption that education should be as individualized as warranted to meet the needs of the greatest number of students.

Community – Education is experienced in the diverse life of a pluralistic society. This commitment to community is grounded in the belief that diversity is good. This notion is rooted in the view that in diversity is strength, not weakness. Educational leaders should be guided by the assumption that education should be responsive to its various publics, and guide the community toward a life of tolerance.

Professionalism – Education is entrusted to those who are trained and dedicated to the highest standards. This commitment to professionalism is rooted in the need to blend training with experience. This notion is rooted in the view that increased professionalism is an asset.
Educational leaders should be guided by the assumption that increased professionalism on their part is necessary to the revitalization of education in America.

**Democracy** – Education is conducted in a democratic society with democratic values. This commitment to democracy is rooted in the notion of the equality of all persons. This notion is derived from the view that interdependence and participatory styles of governance are preferable to hierarchic and authoritarian styles of governance. Education leaders should be guided by the assumption that participatory styles of management, where all voices are heard but no one voice dominates, is preferable.

**Excellence** – Education calls forth the highest in human achievement in all fields of study. This commitment to excellence is rooted in the notion of progress. This notion derives from the view that maximizes relevant opportunity for students. Education leaders should be motivated by the assumption that the nature of the global society is dependent on education fulfilling its potential.

**Integrity** – Education calls for people to live out a life both noble in means and ends. This commitment to the highest good is rooted in the notion of human happiness. This notion is grounded in the belief that noble lives enrich society. Education leaders should be exemplary in their own pursuit of virtue, manifesting integrity both in the means and ends of governance.

**Progress** – Education calls people to live productive and successful lives. This commitment is grounded in the belief that education is necessary for progress. This notion is rooted in the belief that economic and social well-being are linked to learning. Education leaders should prepare the various publics for this commitment, manifesting courage in the face of opposition to all warranted progress in education.

**Specific Admission Requirements**

The requirements for admission to the MAEL program are as follows:

- Hold a baccalaureate degree from a regionally accredited college or university.
- Two years of teaching experience.
- If the student's cumulative undergraduate GPA is below 3.00, the Miller Analogies Test is required with a minimum score of 33. It may be taken at any university testing center. The SNU Testing Center (405.491.6323) gives the test by appointment arranged a minimum of three weeks in advance.
- This 36-credit program is comprised of ten courses (modules) and one internship.

**Courses**

*See the ED section of the Course Descriptions.*
Master of Arts in Marriage and Family Therapy

Curriculum

The MAMFT program is a 48-credit program designed to meet the academic requirements for the Licensed Marital and Family Therapist license in Oklahoma. The curriculum is divided into 14 modules containing theoretical and applied psychotherapy courses, and 300 hours of internship. Courses are completed over four non-traditional, accelerated semesters. The courses (modules) are taken sequentially to allow focused study on one subject area at a time. Classes meet one night per week for a four-hour session or on intensive weekend courses that meet Friday evening and all day Saturday. Extensive directed study occurs outside the classroom, in preparation for participative learning experiences during class.

The fourteen content area courses cover various aspects of counseling and marriage and family counseling. Detailed descriptions, overviews of each course and module assignments are provided in a student guide for each module. The courses are as follows:

<table>
<thead>
<tr>
<th>Course Prefix</th>
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<tbody>
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<td>Theories of Counseling</td>
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<td>Family Crisis Intervention</td>
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<tr>
<td>PSY 6293</td>
<td>Philosophy of Interpersonal Relationships</td>
</tr>
<tr>
<td>PSY 6343</td>
<td>Marital and Family Systems</td>
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<tr>
<td>PSY 6303</td>
<td>Counseling Children and Adolescents</td>
</tr>
</tbody>
</table>

A scientist-practitioner model of professional training assumes that in order to become professionally qualified, the student must seek to understand the research underpinnings of the discipline while simultaneously developing counseling knowledge and skills.

Internship

Another vital component of counselor preparation is supervised experience in counseling situations. The MAMFT student will complete 300 hours of Internship (PSY 6196). This process is initiated briefly in the first module, but is developed more fully during the internship placement. Internships begin in the second semester and are completed by the fourth semester. The internship occurs in approved clinical settings. Throughout the program, the student is encouraged to apply the training from the psychotherapy lab courses. The clinical capstone of the
program occurs in the Multicultural Treatment Planning (PSY 6393) course. The student integrates the assessment, diagnostic and treatment process into a clinical demonstration of his/her ability to conceptualize the dynamics of the client and to articulate a comprehensive treatment plan. Specific guidelines for the internship are provided in the Internship Handbook.

**Exit Evaluation**

All master's degree programs at SNU require an exit evaluation. In the MAMFT program, the exit evaluation takes the form of a Clinical Competency Evaluation. Specific guidelines for completing the Clinical Competency Evaluation are provided in the Clinical Competency Handbook. The Clinical Competency Evaluation is intended to evaluate the student’s competence in assessing, diagnosing and treating clients. In addition, students will be evaluated on their understanding of professional and ethical issues related to practicing as a marriage and family therapist.
Master of Arts in Theology *(M.A.)*

**Program Objectives**

The program of studies for the Master of Arts Degree in Theology seeks to meet the needs of ministerial students, active ministers and laypersons interested in reflective biblical, theological and ministerial studies. A candidate's studies can be directed in accordance with personal goals and needs. For anyone who is interested in more advanced scholarship in the academic disciplines, the degree may focus on studies in Bible and theology. For someone who wishes to cultivate skills for ministry, the degree may focus on studies in practical theology and Christian education. This flexibility makes the program attractive to practicing ministers as well as first-time graduate students holding recently conferred baccalaureate degrees.

The courses for the M.A. in Theology are offered in three different formats. There are several week-long modules offered each year, typical of adult studies programs. Students are expected to do preliminary reading and study before the week of classroom instruction for a module. That week begins on Monday afternoon, includes all day on Tuesday, Wednesday and Thursday, and concludes by noon on Friday. Follow-up written assignments for research and reflection are then due a month after the week of classes.

There are also more traditional instructional formats, fitting within the usual semester. These include seminars, which meet one afternoon or evening each week for the entire semester, and typical lecture courses which meet two or three times each week throughout the semester.

This variety in instructional delivery also makes the M.A. in Theology program attractive and feasible for full-time ministers living at a distance as well as for typical, traditional graduate students living near the campus. The interchange between students from a wide range of perspectives and experience in a given module or course adds a positive dimension to the learning experiences envisioned for the classes.

The School of Theology and Ministry gives full support to [Nazarene Theological Seminary](https://serak.snu.edu/catalog/Catalogext.asp?PageID=468&PF=y&Catalog=C) and encourages its graduates to take advantage of the broad, three-year professional program of Nazarene Theological Seminary. The seminary will normally transfer credit from the SNU M.A. in Theology program and will grant advanced standing as allowed by the guidelines of the [Association of Theological Schools](https://serak.snu.edu/catalog/Catalogext.asp?PageID=468&PF=y&Catalog=C).

Through the Master of Arts in Theology degree program, the school aims to:

1. Increase the students' understanding and appreciation of the Bible as both the word of God and the work of inspired writers.

2. Acquaint the student with the historical, exegetical, theological and devotional literature of the Christian religion.

3. Encourage proficiency in the biblical languages as an aid to research and exposition of the Bible.

4. Inspire deep commitment to the worldwide mission of the church.
5. Improve effectiveness in Christ’s kingdom through increased professional competence.

6. Enlarge the intellectual and spiritual perspectives of its candidates.

7. Develop professional competence in the techniques of scholarly research and communication.

8. Identify and promote the student's mastery of the foundations for ministry – biblical, theological, historical and social.

9. Cultivate the student's skills for ministry – communicative, hermeneutical, leadership, administrative, organizational and pastoral.

**Admission Requirements**

1. Have previously earned a bachelor’s degree from an accredited institution. The degree does not have to be in religion/theology, although an undergraduate major or minor in religion / theology is the most beneficial as a basis for graduate work in theology.

2. Have completed a minimum of six credits in systematic theology. Students deficient in this area may still be admitted, but must take the course Theological Method (THEO 5303) as part of the M.A. CORE.

3. Have undergraduate preparation in a foreign language of at least nine credits. Students deficient in this area have two further options: a) take three credits of biblical Hebrew as an elective or cognate course, or b) take an additional Bible course as an elective.

4. Have completed at least 15 credits of religion at the undergraduate level, including three credits in Old Testament and three credits in New Testament. Students deficient in this area will take the course Biblical Interpretation (BLT 5203) as part of the M.A. CORE.

5. The Miller Analogies Test is required of students whose undergraduate GPA is under 3.00 (test date may not be more than five years prior to application date). It may be taken at any university testing center. The SNU Testing Center gives the test by appointment only.

6. **See the introduction section of this catalog for other admission requirements.**

7. Applicants who may be deficient in one or more admission requirements may be admitted to conditional standing.

8. Candidacy: completion of or concurrent enrollment in at least 12 credits.

**Curriculum**

The M.A. in Theology is a 36-credit program. It is built around a 12-credit CORE in biblical literature and theology, augmented by 24 credits of a concentration in Bible, theology or practical theology (or any combination of these). It can be used as a terminal degree, a preseminary program, or a basis for other graduate study.

Courses carrying graduate credit are arranged on three levels designated by the first digit in the course number. Courses numbered 6000-6999 are designed for graduate students only. Courses numbered 5000-5999 are graduate level courses that are also open to select undergraduate seniors.

Courses numbered *4000-*4999 are advanced, upper division undergraduate courses which are also open to graduate students. These courses have additional requirements when taken for graduate credit. Normally, 3000-level courses are not accepted in the M.A. degree program.
The 12 credits of required CORE courses must be taken from 5000- and 6000-level courses. To become eligible for the M.A. in Theology, the candidate must complete an approved program of 36 credits of graduate work. The M.A. in Theology program offers both a thesis and a nonthesis option.

**NOTE:** A minimum of 18 credits must be in courses in which only graduate students may enroll (typically 6000-level courses).

### Course Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CORE</td>
<td></td>
</tr>
<tr>
<td>THEO 5303*</td>
<td>3</td>
</tr>
<tr>
<td>B LT 5233**</td>
<td>3</td>
</tr>
<tr>
<td>B LT 5203</td>
<td>3</td>
</tr>
<tr>
<td>THEO 6103</td>
<td>3</td>
</tr>
<tr>
<td>Total CORE</td>
<td>12</td>
</tr>
</tbody>
</table>

Concentration: In B LT, THEO and PRTH 24

*Students entering the program with six credits of systematic theology have the option of substituting another theology course.

**Students entering the program with at least 15 credits of religion, including three credits of Old Testament and three credits of New Testament, have the option of substituting another Bible course.

Students may still take a thesis option for up to six credits.

### General Information

Graduate level courses in biblical literature (B LT) may not be taken until Biblical Introduction (B LT 5233) is completed; graduate level courses in theology may not be taken until the student has met the prerequisites for systematic theology or has completed Theological Method (THEO 5303).

Biblical Introduction (B LT 5233) is foundational for the M.A. program and should be taken as soon in the student's program as possible. It is usually offered in modular format every 12 to 16 months.

A background in biblical languages is beneficial in all biblical literature courses. The Greek Testament will be a major source for New Testament courses and the Hebrew Bible will be used in Old Testament courses. Therefore, a biblical language is strongly recommended as the language admission requirement.

A graduate committee will be appointed for students choosing a thesis option. The student will work closely with this committee in preparing the thesis.

A distinction is made between directed readings and a directed study course. In a directed study course the student must meet with the guiding professor at least five hours during the semester, preferably once every three to four weeks. In a directed readings course the student is expected to work more independently and must meet with the guiding professor at least twice during the semester, including a final session at the end of the semester. A directed readings course may be
taken only on a pass/fail basis. A pass represents the equivalent of "B" or better work. A student is permitted to take no more than four credits of the 36-credit program by directed study and/or directed readings. Approval by the M.A. coordinator and the professor of the area in which the work is being done is required, and depends on the interest and capability of the student to do work in the proposed area, as well as the availability of a professor to supervise the work. A syllabus of required work must be filed with the M.A. coordinator.

**Cognate Studies**

Cognate courses may be selected from any field in which graduate courses are offered at SNU. If special permission is given by the dean and the M.A. coordinator, cognate courses may be taken in other fields by consignment or transfer. Grades of "B" or better must be earned in all transfer or consignment work.

**Exit Evaluation**

Each candidate for graduation must successfully complete an exit evaluation. For the thesis candidate, the thesis will be the basis for the evaluation, to be conducted by the candidate's thesis committee. For the nonthesis candidate, the evaluation will be conducted by three members of the School of Theology and Ministry appointed by the M.A. Coordinator.
Master in Business Administration (MBA)

The 40-credit program is composed of 13 courses (modules) and a management seminar. Course descriptions are included in this catalog. Courses are taken in a planned sequence one at a time. Each three-credit course consists of six weeks of intensive study including weekly classroom sessions (seminar style) and extensive preparation outside of class. The program consists of 80 class sessions.

Enrollment is in the total program rather than individual courses. Grades, however, are provided for each course. Upon enrollment the student is assigned to a cohort group and remains with this group throughout the program.

Curriculum

The curriculum for the M.B.A. degree, listed below, is composed of thirteen three-credit courses and a one-credit seminar. A professional portfolio completes the program of 40 credits. The requirements for graduation, as previously defined, must also be met.

<table>
<thead>
<tr>
<th>Course Prefix</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ACC 5003</td>
<td>The Accounting and Finance Environment</td>
</tr>
<tr>
<td>ACC 5113</td>
<td>Management Accounting</td>
</tr>
<tr>
<td>BADM 6123</td>
<td>Organizational Communication</td>
</tr>
<tr>
<td>ECO 5003</td>
<td>The Economic Environment</td>
</tr>
<tr>
<td>ECO 5113</td>
<td>Managerial Economics</td>
</tr>
<tr>
<td>FIN 5113</td>
<td>Financial Management</td>
</tr>
<tr>
<td>MGT 5123</td>
<td>Management Science</td>
</tr>
<tr>
<td>MGT 5133</td>
<td>Management of Organizational Behavior</td>
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<tr>
<td>MGT 5153</td>
<td>Ethics and Management from a Christian Perspective</td>
</tr>
<tr>
<td>MGT 6131</td>
<td>Management Seminar (Entrepreneurship), Professional Portfolio and Exit Interview</td>
</tr>
<tr>
<td>MGT 6143</td>
<td>Legal Environment of Management</td>
</tr>
<tr>
<td>MGT 6153</td>
<td>Human Resource Management and Administration</td>
</tr>
<tr>
<td>MGT 6173</td>
<td>Strategic Management</td>
</tr>
<tr>
<td>MKT 5113</td>
<td>Marketing Management</td>
</tr>
</tbody>
</table>
Master of Science in Counseling Psychology

Curriculum

This course of study is a 60-credit course of study that fulfills the academic requirements for the Licensed Professional Counselor (LPC) designation in Oklahoma. The curriculum is divided into 17 modules containing theoretical and applied psychotherapy courses, 300 hours of internship, and a thesis. Courses are completed over five non-traditional, accelerated semesters. The courses (modules) are taken sequentially to allow focused study on one subject area at a time. Classes meet one night per week for a four-hour session or on intensive weekend courses that meet Friday evening and all day Saturday. Extensive directed study occurs outside the classroom, in preparation for participative learning experiences during class.

The 17 content area courses cover various aspects of counseling psychology. Overviews of each course and module assignments are provided in a Student Guide for each module. The courses are as follows:

<table>
<thead>
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<td>PSY 5263</td>
<td>Psychopathology</td>
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<tr>
<td>PSY 5143</td>
<td>Family and Psychological Assessment</td>
</tr>
<tr>
<td>PSY 6333</td>
<td>Theories of Counseling</td>
</tr>
<tr>
<td>PSY 5283</td>
<td>Professional Orientation</td>
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<td>Family Crisis Intervention</td>
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<td>PSY 6293</td>
<td>Philosophy of Interpersonal Relationships</td>
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<td>Research Methods II</td>
</tr>
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<td>Marriage and Family Therapy</td>
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<tr>
<td>PSY 6393</td>
<td>Multicultural Treatment Planning</td>
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<tr>
<td>PSY 6353</td>
<td>Counseling the Elderly</td>
</tr>
<tr>
<td>PSY 6213</td>
<td>Group Psychotherapy</td>
</tr>
<tr>
<td>PSY 5223</td>
<td>Career Assessment and Counseling</td>
</tr>
<tr>
<td>PSY 6303</td>
<td>Counseling Children and Adolescents</td>
</tr>
<tr>
<td>PSY 6233</td>
<td>Brief Psychotherapy</td>
</tr>
</tbody>
</table>

Thesis

In addition to the courses listed above, a master’s thesis (PSY 6993) is required. Specific guidelines for the thesis are provided in a supplemental publication (Thesis Handbook). Work on all three components of the program (modules, thesis, internship) occurs simultaneously. Work on the thesis begins in the Research Methods I module.

A scientist-practitioner model of professional training assumes that in order to become professionally qualified, the student must seek to understand the research underpinnings of the
discipline while simultaneously developing counseling knowledge and skills. The thesis is the primary tool for helping the student to develop competency in research.

**Internship**

Another vital component of counselor preparation is supervised experience in counseling situations. The MSCP student will complete 300 hours of Internship (PSY 6196). This process is initiated briefly in the first module, but is developed more fully during the internship placement. Internships begin in the second semester and are completed by the fourth semester. The internship occurs in approved clinical settings. Throughout the program, the student is encouraged to apply the training from the psychotherapy lab courses. The clinical capstone of the program occurs in the Multicultural Treatment Planning (PSY 6393) course. The student integrates the assessment, diagnostic and treatment process into a clinical demonstration of an ability to conceptualize the dynamics of the client and to articulate a comprehensive treatment plan. Specific guidelines for the internship are provided in the Internship Handbook.

**Exit Evaluation**

All master’s degree programs at SNU require an exit evaluation. In the MSCP program, the exit evaluation takes the form of an oral defense of the master’s thesis and a Clinical Competency Evaluation. Specific guidelines for completing the defense of the thesis are found in the MSCP Thesis Handbook. The thesis defense must be taken no later than five weeks prior to the date on which the degree is to be conferred. Students who have not completed their thesis in the time provided for their program must extend their time to complete their thesis by registering for one hour of thesis credit for each traditional semester that begins six months after completing their regular courses. Payment for the thesis extension is necessary to continue in the MSCP program. The Clinical Competency Evaluation guidelines are discussed in the Clinical Competency Handbook.
Graduate Studies in Management (GSM)

The graduate programs in management are designed for working adults who hold baccalaureate degrees and who have a strong interest in the effective practice of management. The curriculum has practical orientation and involves significant preparation outside of class. A portfolio is required which provides a permanent record of the student’s work and evidence of the student’s growth throughout the program. A maximum of six transfer credits may be accepted, provided work has been completed within the past five years. Waiver of the Environment courses may be approved based on the student's baccalaureate background and professional certification(s), by approval of the director, graduate studies in management in conjunction with the dean.

Admission and Program Information

The admission requirements for entry into the graduate studies in management programs are:

1. A bachelor's degree from an accredited college or university with a cumulative GPA of 2.00 or above.

2. Graduate College Application and application fee

3. Official transcripts from each institution attended

4. Professional resumé in electronic format

5. Competency in computer applications must be established through approved coursework, documented training or proficiency exam. This must be completed before entry into the program.

6. An official test score from the Graduate Management Admissions Test (GMAT) must be submitted prior to entering the program (test date may not be more than five years prior to application date). In lieu of taking the GMAT a student may substitute the SNU GSM Quantitative and Writing Test (GSM-QWT).

7. Payment of registration fee (due upon taking the GSM-QWT Assessment)


It is desirable that a student demonstrates maturity in combination with work experience suitable for an accelerated adult program.

Objectives

The graduate programs in management are professional in nature and are designed to provide a broad educational experience in management. They emphasize the relationship between management and the functional areas of communication, accounting, economics, finance, marketing and the quantitative sciences. The graduate programs in management are designed to fulfill the following objectives:
1. Enable the nonmanagement and management employee of the business/government /professional organization to gain appreciation for and understanding of the management function.

2. Provide the student with an opportunity to develop skill in communicating with associates in the management environment.

3. Develop critical thinking with an emphasis on creative endeavor in real-life management situations.

4. Extend the student's appreciation and understanding of the roles that the sciences and humanities play in the day-to-day management of organizations.

5. Provide the student opportunities to view management decision making from a Christian perspective.

**Graduation Requirements**

All graduate programs in management students must meet the following graduation requirements:

- Completion of all required coursework with a grade of "C" or better.
- A cumulative 3.00 GPA at the conclusion of the program.

**Masters Programs**

- **Master of Science in Management (MSM)**
- **Master in Business Administration (MBA)**
Master of Science in Management (MSM)

The 31-credit program is composed of ten courses (modules) and a management seminar. Course descriptions are included in this catalog. Courses are taken in a planned sequence one at a time. Each course consists of six weeks of intensive study including weekly classroom sessions (seminar style) and extensive preparation outside of class. The total program consists of 62 class sessions.

Enrollment is in the total program rather than individual courses. Grades, however, are provided for each course. Upon enrollment, the student is assigned to a cohort group and remains with this group throughout the program.

Curriculum

The curriculum for the M.S.M. degree, listed below, is composed of ten three-credit courses and one one-credit seminar. A professional portfolio completes the program of 31 credits. The requirements for graduation, as previously defined, must also be met.

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<td>Human Resource Management and Administration</td>
</tr>
<tr>
<td>MGT 6163</td>
<td>Strategic Human Resource Management</td>
</tr>
<tr>
<td>MGT 6173</td>
<td>Strategic Management</td>
</tr>
<tr>
<td>MKT 5113</td>
<td>Marketing Management</td>
</tr>
</tbody>
</table>
**Master of Science in Nursing (M.S.)**

The M.S. in Nursing is designed for baccalaureate-educated registered nurses who want to increase their effectiveness as nurses. The program consists of an accelerated modular Professional Study program, with two tracks: nursing education and nursing leadership. Each track, in the sequential curriculum, consists of 18 credits of CORE content, followed by 15 credits of specialty courses. At the end of the program, there is a six-credit capstone course, culminating in a thesis.

Each course consists of six weeks of intensive study, including weekly classroom sessions, group project activities, and directed independent study. The six-credit capstone course is developed based on the individual learner's professional goals. Enrollment is in the total program rather than in individual courses.

**Admission and Program Information**

Admission requirements for entry into the M.S. with a nursing major are:
1. Admission to the graduate school with full or conditional standing.
2. Baccalaureate degree in nursing from a nationally accredited program.
3. Current unencumbered registered nurse licensure in Oklahoma or eligibility for the same.
4. Documentation of basic computer skills.
5. Successful completion of a basic statistics course.
6. Brief statement of professional goals.
7. Three letters of recommendation speaking to applicant's qualifications to pursue graduate education.
8. Test of English as a Foreign Language (TOEFL) score of 550 or higher (traditional version) or 213 or higher (computer version) for foreign educated students. Those who have successfully completed a college degree program in an English-speaking university or in the United States do not need to submit the TOEFL.

**CORE Curriculum for Both Tracks**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NURS 5113</td>
<td>3</td>
</tr>
<tr>
<td>NURS 5133</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6123</td>
<td>3</td>
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<tr>
<td>NURS 6133</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6153</td>
<td>3</td>
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<tr>
<td>NURS 6143</td>
<td>3</td>
</tr>
<tr>
<td>NURS 6176</td>
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</tr>
<tr>
<td><strong>Total CORE credits</strong></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

**Masters Programs in Nursing**

- Master of Science in Nursing Education (MSNE)
- Master of Science in Nursing Leadership (MSN)
Master of Science with a Major in Nursing Leadership (MSNL)

This degree is designed for baccalaureate-educated registered nurses desiring preparation for nursing leadership throughout the healthcare delivery system.

Objectives

The objectives of the track are to:
1. provide individualized, evidence-based care to clients, families, and communities.
2. create healthcare environments that will improve outcomes for individuals and groups.
3. assume responsibility and authority for decision making regarding client care.
4. participate in multidisciplinary collaboration for the coordination of total client care.

Curriculum for Leadership Focus

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CORE courses</strong></td>
<td>24</td>
</tr>
<tr>
<td>Specialty courses</td>
<td></td>
</tr>
<tr>
<td>NURS 5123</td>
<td>Leadership Theories</td>
</tr>
<tr>
<td>NURS 5163</td>
<td>Organizational Behavior in Healthcare</td>
</tr>
<tr>
<td>NURS 6163</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>NURS 6173</td>
<td>Financial Management</td>
</tr>
<tr>
<td>NURS 6183</td>
<td>Illness Reduction and Management</td>
</tr>
<tr>
<td><strong>Total MSNL credits</strong></td>
<td><strong>39</strong></td>
</tr>
</tbody>
</table>
Master of Science with a major in Nursing Education (MSNE)

This degree is designed to prepare registered nurses to become effective educators in nursing. The curriculum allows the individual to develop teaching expertise in both academic and clinical settings.

**Objectives**

The objectives of the track are to:

- influence nursing education, practice, research, and/or healthcare environments.
- use specialized knowledge and skills within the focus areas to foster maximum growth within a target population.
- design activities that support critical think, professional growth, open communication, and collaborative relationships.
- commit to a personal ethic of social responsibility and service.

**Curriculum for Education Focus**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CORE Courses</strong></td>
<td>24</td>
</tr>
<tr>
<td>Specialty courses</td>
<td></td>
</tr>
<tr>
<td><strong>NURS 5123</strong> Theoretical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td><strong>NURS 5143</strong> Teaching and Evaluation Methods</td>
<td>3</td>
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<tr>
<td><strong>NURS 6113</strong> Curriculum Development for the Health Professions</td>
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<tr>
<td><strong>NURS 6116</strong> Clinical Focus</td>
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<td><strong>Total MSNE credits</strong></td>
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