



NORTHWEST NAZARENE
UNIVERSITY

College of Arts and Sciences Catalog

2017 - 2018

College of Arts and Sciences Catalog 2017-2018

Northwest Nazarene University
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The University

History

A desire to educate their children led the founders of Northwest Nazarene University, under the leadership of Eugene Emerson, to organize an elementary school in 1913. In the ensuing two years both high school and college courses were added to the curriculum. Thus began Northwest Nazarene University, now a fully-accredited, Christian, comprehensive university of the arts, humanities, sciences, and professions.

In 1915, the first student was graduated from high school, and a year later Dr. H. Orton Wiley was elected President. The first college degrees were conferred upon a class of four graduates in 1917.

Academic progress has been notable, including accreditation as a junior college in 1931 and as a four-year college in 1937. Master's programs were added in the early seventies. The name of the institution was changed from Northwest Nazarene College to Northwest Nazarene University in 1999.

Northwest Nazarene University presently offers six associate's degree majors, 40 bachelor's degree majors, eight master's degrees and two doctoral degrees. In addition to its programs on its home campus, NNU students may study in cooperative programs in 35 countries around the world. Northwest Nazarene University serves approximately 1,300 undergraduate students, 725 graduate students, and 7,000 continuing education students each year.

Campus

The main campus of the university is located in Nampa, Idaho, which is in the Boise metropolitan area. Situated in the Treasure Valley, the university's location provides many rural and urban advantages, including a 2,500 foot altitude which provides a mild year-round climate. People are discovering and enjoying Idaho, the Gem State, with its easily accessible skiing, hiking, hunting and fishing areas. The 90 acre campus, with its 34 buildings, has been carefully planned for maximum use and development. In addition to our main campus in the southern part of Nampa, NNU also offers courses in Idaho Falls, Twin Falls, and Boise, Idaho. NNU also offers a variety of undergraduate and graduate programs in on-line formats that reach around the globe.

Students

NNU attracts students from all over the United States and many foreign countries. Students from all denominations and faiths are welcome to study at NNU. The university especially invites applications from international students and members of racial and ethnic minorities.

Accreditations

Northwest Nazarene University offers associates, bachelor's, master's, and doctoral degrees in a range of content areas. NNU is accredited by the Northwest Commission on Colleges and Universities (NWCCU), a regional accrediting body recognized by the Council for Higher Education Accreditation (CHEA). In addition to regional university accreditation, the following departments are accredited by nationally-recognized specialized accrediting boards:

- The Business programs are accredited by the Accreditation Council for Business Schools and Programs (ACBSP).
- The Concurrent Credit Program is accredited by the National Alliance Concurrent Enrollment Programs (NACEP).
- The Counseling Department is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).
- The Education Department is accredited by the National Council for Accreditation of Teacher Education (NCATE).
- The Engineering Program is accredited by the Accreditation Board for Engineering Technology (ABET).
- The Music program is accredited by the National Association of Schools of Music (NASM).
- The Nursing Department is accredited by the Commission on Collegiate Nursing Education (CCNE).
- The Social Work Department is accredited by the Council on Social Work Education (CSWE).

Affiliations

Northwest Nazarene University's graduate theological online educational program has associate membership in the Association of Theological Schools (ATS). The pastoral ministry core of the Master of Divinity and the Master of Arts: Pastoral Ministry program are both recognized by the Church of the Nazarene's International Course of Study Advisory Committee (ICOSAC) as validated courses of study meeting the educational requirements for ordination in the denomination.

In addition, the university is a member of:

- American Association of Colleges for Teacher Education (AACTE)
- Association of Christian Schools International (ACSI)
- Association of Governing Boards (AGB)
- Council for Christian Colleges & Universities (CCCCU)
 - International programs: ASC, CSP, ISP (temporarily suspended), LASP, OSP, SSO, USP
 - U.S. Programs: ASP, CMC, LAFSC
- Council of Independent Colleges (CIC)
- National Association of Independent Colleges and Universities (NAICU)

Nazarene Sister School University Programs

International: Africa Nazarene University, Ambrose University College, Korea Nazarene University, Nazarene Theological College of Australia, Quetzal Education Research Center (through SNU), Seminario de las Nazareno Americas

U.S.: Eastern Nazarene College, MidAmerica Nazarene University, Mount Vernon Nazarene University, Nazarene Bible College, Nazarene Theological Seminary, Olivet Nazarene University, Point Loma Nazarene University, Southern Nazarene University, Trevecca Nazarene University

Friendship Schools

Asia Region: Business College of Shanxi University, Dongseo University, Hausheng International College of Taiyuan, Kazak-American Free University, Northwest University, Shaanxi University of Chinese Medicine, South China Normal University, Swan College/Central South University of Forestry & Technology, Tibet University for Nationalities, Xianyang Normal University

Latin America Region: Universidad Internacional-Mexico

Other

International: Arcadia Global Studies Program (consortium), International Studies Abroad (ISA) (consortium), Jerusalem University College, Romania Studies Program, Au Sable Institute of Environmental Studies

U.S.: Au Sable Institute of Environmental Studies, College of Western Idaho, College of Southern Idaho, Treasure Valley Community College

Mission, Identity, Foundation

Mission

The mission of Northwest Nazarene University is the transformation of the whole person. Centered in Jesus Christ, the NNU education instills habits of heart, soul, mind and strength to enable each student to become God's creative and redemptive agent in the world.

Identity

Northwest Nazarene University is a Christian university of the liberal arts, professional and graduate studies. The University is grounded in the Wesleyan-Holiness tradition and is an educational expression of the Northwest region of the Church of the Nazarene.

Foundation

Northwest Nazarene University is founded upon belief in and relationship with the One Triune God; Father, Son and Holy Spirit. Therefore, we seek to build our lives and the practices of the University upon the Kingdom of God as revealed in Jesus.

Values

Transformation

We believe education fosters transformation. NNU engages and affects all domains of life: intellectual, social, physical and spiritual; thereby advancing the transformation of the individual, the church and the world.

Truth

We believe education pursues truth. NNU explores knowledge, the wonder of God's creative activity, the story of human civilization and the achievements in the arts, sciences and professions. Ultimately, we believe Jesus is the truth incarnate; therefore, we pursue Christ.

Community

We believe education flourishes in community. NNU provides a learning and faith community that teaches, challenges and encourages each other through intellectual and spiritual practices. Within covenantal relationships we express our love for God and others.

Service

We believe education cultivates service. NNU teaches the importance of a life of servanthood as modeled by Jesus Christ. We learn to lead by giving of ourselves to God and humankind.

Approved by the Board of Trustees

March 11, 2010

Statement of Belief

Northwest Nazarene University, theologically, emphasizes the theistic view of God and human beings as interpreted in the Wesleyan-Arminian tradition. We believe the following brief statements to be sufficient.

We believe:

- In one God--the Father, Son, and Holy Spirit.
- The Old and New Testament Scriptures, given by plenary inspiration, contain all truth necessary to faith and Christian living.
- Human beings are born with a fallen nature, and are, therefore, inclined to evil, and that continually.
- The finally impenitent are hopelessly and eternally lost.
- The atonement through Jesus Christ is for the whole human race; and that whosoever repents and believes on the Lord Jesus Christ is justified and regenerated and saved from the dominion of sin.
- That believers are to be sanctified wholly, subsequent to regeneration, through faith in the Lord Jesus Christ.
- The Holy Spirit bears witness to the new birth, and also to the entire sanctification of believers.
- Our Lord will return, the dead will be raised, and the final judgment will take place.

(Manual, Church of the Nazarene 2013-2017)

Philosophy of Education

NNU is committed to providing its undergraduate students with an acquaintance with the major fields of knowledge through a study in the liberal arts, an effective foundation in and a working grasp of one field in a selected major, and a balanced development of the wholly-educated person within the context of Christian commitment. Based on the philosophy of education and the university values, NNU has grouped the general education outcomes into four categories.

General Education Outcomes

I. Christian Formation

- Students will understand the Bible as a collection of ancient texts gathered as a canonical library for the Church, and will develop and employ appropriate exegetical skills and methods in order to interpret the Bible responsibly and transformationally.
- Students will understand major doctrinal developments and emphases (including the creeds) within the historic theological traditions of Christendom, and articulate distinctive characteristics of Wesleyan theology and its contributions to broader conversations within Christian theology.
- Students will understand and value the role of thoughtful biblical/theological reflection within the Wesleyan theological context and will develop and employ enhanced skills that critically integrate aspects of biblical interpretation and Christian theology to explore contemporary issues.
- Students will construct and critically evaluate philosophical, theological, or ethical arguments by using both formal and informal logic. Students will also apply principles of formal or informal logic to better understand their own faith commitments.

II. Humanities

- Students will be able to make informed decisions and choices regarding visual, musical, and literary art based on the historical, political, and socio-cultural contexts in which they emerged.
- Students will be able to demonstrate the ability to effectively solve real-world problems through the use of diverse ways of knowing, philosophical arguments, and discipline-specific knowledge within the humanities.
- Students will interact and communicate openly with individuals from diverse backgrounds while observing, contrasting, comparing, and understanding different worldviews and ways of knowing.
- Students will acquire the knowledge and develop the skills necessary to engage in a life-long appreciation of the humanities that will continue outside the classroom and after graduation.
- Students will develop an integrated approach to the human story that takes into account contrasting interpretations and the diverse roles of people within history.

III. Sciences

- Students will be able to comprehend and to apply the basic principles of science and methods of scientific inquiry.
- Students will have developed a deeper understanding of the relation of self to world through investigation of the influence of social, cultural, economic, and political institutions in shaping human thought, value, and behavior.
- Students will have an awareness of human health, including stewardship of their own body.

IV. Intellectual and Practical Skills

- Students will be able to effectively use the English language, writing and speaking with clarity, coherence, and persuasiveness.
- Students will be able to think critically, independently, and creatively so that they can make informed and logical judgments of the arguments of others, arrive at reasoned and meaningful arguments and positions, and formulate and apply ideas to new contexts.
- Students will be able to comprehend and to use quantitative concepts and methods to interpret and to critically evaluate data and to effectively problem-solve in a variety of contexts demanding quantitative literacy.
- Students will be able to locate, access, analyze, and utilize information that facilitates learning and critical inquiry and to adhere to the standards of academic honesty in their use of that information.

Academic Services

NNU Academic Services provide support for the entire academic community. They include:

Library

John E. Riley Library

Vital to the educational and intellectual life of the university, the John E. Riley Library contains almost 117,000 printed books, 140,000 electronic books and currently receives thousands of electronic periodicals. The library also has approximately 60,000 volumes in collections of microforms, non-print materials, and federal government documents, for which the library is a selective depository. Additionally, a special collection of works by or about John Wesley is maintained.

The library's web page is library.nnu.edu. It provides links to the library's online catalog, various indexes and databases many of which include full-text materials, and to other resources. Through participation in OCLC Inc., an international library network, the library has access to additional books and other materials from libraries around the world, available via interlibrary loan.

Reciprocal borrowing agreements with Boise State University and with College of Idaho allow students to check out a limited number of items from these libraries.

Key to the library's mission is its staff, which provides friendly, professional service. Librarians, staff, and student assistants are available to make use of the library more effective and meaningful. Library services include interlibrary loans, instruction, and individual research assistance.

The library provides individual study areas, 17 group study rooms, and has wireless access for laptops and access to campus networked computers.

The University Archives contain items pertaining to the history of the University. Use of the Archives is by appointment only.

Registrar

The Office of the Registrar is responsible for maintaining, storing, and distributing all academic records and petitions. Statistical data for institutional, regional, and national reports and surveys are generated. All data concerning the university catalog and the Course Schedule Bulletin are sent to the Office of the Registrar for verification and organization. By providing accurate and timely data and having a thorough understanding of academic policy, the Office of the Registrar exists to serve and to educate faculty, staff, administrators, and students of the academic policies and procedures of NNU.

Information Technology Services (ITS)

ITS is located in the Leah Peterson Learning Commons. Hours are found on the help.nnu.edu website.

Services include but are not limited to:

- Computer Support
- Printer Support
- Classroom Technology Support
- Phone Support
- Purchase of print credit

ITS provides technical support to students and employees of NNU. More information on ITS and hours can be found on help.nnu.edu. Contact ITS by visiting help.nnu.edu and submitting a request or calling (208)467-8111.

Center for Academic Success and Advising (CASA)

Academic Advising

CASA directs the academic advising and scheduling of all first year students, in consultation with major advisers and the Registrar's Office. CASA endeavors to enhance the educational experience of each student through assistance in understanding the major selection process and first semester course selection. Student progress is monitored each semester, and the CASA faculty and staff coach students encountering difficulties.

Academic Success

The Center for Academic Success and Advising supports the entire undergraduate academic program by providing students with writing consultation, subject area peer tutoring, academic coaching, and Supplemental Instruction for select courses. These services are available to all NNU students free of charge. In addition, CASA offers courses for credit: University Success, Computer Applications, Reading Strategies, Mathematics Strategies, English Strategies, and Major and Career Explorations. For a detailed description of these courses, see "Course Descriptions" listed under Study Skills (STSK).

Disability Services

It is the policy of Northwest Nazarene University (NNU) that no qualified persons with disabilities shall, on the basis of disability, be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination under any of its programs or activities. Any qualified student who has a physical or mental impairment which substantially limits one or more of major life activities, such as walking, seeing, hearing, speaking, breathing, learning and/or working, can receive assistance at NNU as provided in Section 504 of the Rehabilitation Act of 1973, and the applicable provisions of the Americans with Disabilities Act of 1990 and the ADA Amendment Acts of 2008. The Director of CASA serves as the campus contact for disability related needs.

Testing

The Testing Office supports the educational mission of NNU by providing high quality testing services in accordance with the National College Testing Association Professional Standards and Guidelines and governmental regulations. The services provided for students, faculty, staff, community members and business partners will be consistently rendered with an attitude of service that demonstrates value for relationships, personal excellence, diversity, and commitment to lifelong learning. Tests/services include: Proctoring for distance learning courses; residual ACT testing; and CAAP, CLEP, DSST, and placement testing.

Admissions and Financial Aid

Admission

Northwest Nazarene University admits students who desire to contribute to the mission of the university and display academic characteristics that predict success at the university level.

- NNU maintains a policy of equal educational opportunity for all students without regard to sex, race, color, religion, national or ethnic origin, age, or physical and documented learning disabilities; and in administration of its educational and admissions policies, finance and operations, employment programs, student life and services, or any other university-administered programs.
- Specific high school courses are not required for admission. However, a strong college preparatory program in high school is recommended. Students planning to select majors in chemistry, engineering, mathematics or physics will benefit from four years of mathematics prior to enrolling at NNU.
- Reasonable accommodations are extended to special-needs students. Inquiries about accommodations for students with disabilities should be directed to the Center for Academic Success and Advising. The student must provide proper documentation before accommodations can be put into place. Any documentation provided is held in the strictest confidence and is used solely for the student's benefit.

Admission To The Professional Nursing Program

Admission to the Professional Nursing Program is based on successful completion of established criteria listed on the departmental website. Pre-nursing students must submit an online application during the Spring semester of the freshman year located at www.nnu.edu/nursing.

Admission To Teacher Education

Admission to the Teacher Education Program is granted to students who meet selection and retention criteria. In addition to standard admission requirements, students must apply for and receive admission to the Professional Program in Teacher Education.

Admission for Students Who Have Been Charged With or Convicted of a Felony

Applicants for admission to NNU's traditional residential program who have been convicted of a felony or who have felony charges pending against them may be denied admission or may be admitted upon special review and approval of the Admissions Committee at its sole discretion. Applicants who are in a correctional facility or have recently been in a correctional facility are required to allow a minimum of one year to elapse between the time of release and the time of enrollment at NNU.

Application Deadlines

Northwest Nazarene University Admissions uses a standard decision deadline for Spring and Fall applicants. Students submitting an application for Fall may apply under one of the two Early Action deadlines in order to receive notification prior to the standard decision date. Early Action I deadline is November 15th and Early Action II deadline is January 15th. The Standard Decision deadline is March 31st, after which time NNU Admissions will continue to accept application on a rolling basis until the incoming class is filled.

Those admitted to NNU, including students rejoining through the readmission process, must submit all application materials, including final official transcripts, by the following dates:

1. August 15 for fall semester enrollment.
2. December 15 for spring semester enrollment.

International Student Application Deadlines

1. July 1 for fall semester enrollment.
2. October 1 for spring semester enrollment.

If an I-20 has not been issued by the date below, the student will be automatically postponed to the next semester:

- July 15 for fall semester enrollment
- November 15 for spring semester enrollment

First Year Students

If you are a graduating high school or home school student, even if you have earned college credit while in high school, then you will complete the First Year or Freshmen application. This is also true if you've received a GED in lieu of a high school diploma and have not enrolled at any other college or university.

1. Applications, along with the non-refundable \$40 application fee, can be submitted the [The Common Application](#) or at www.love.nnu.edu/apply.
2. NNU admissions requires a writing sample before making an admission decision. The essay on The Common Application or the one found in the NNU candidate portal is acceptable.
3. Arrange for a current high school transcript to be sent to NNU Undergraduate Admission. You must also request that an official final transcript be forward to NNU no later than August 15th. If you've completed the GED in lieu of high school, submit the results of that test.
4. All first year student applicants are required to take either the ACT (NNU Code 0924) or the SAT (NNU Code 4454) before they can be granted admission to NNU. The optional writing test on either the ACT or the SAT is not required. The test may be taken more than once and students may apply for admission before taking the tests.

Admission As A Home-Schooled Student

Northwest Nazarene University welcomes applications from students who have been home-schooled. Home-schooled students seeking admission should submit application and supporting documents as stated for first year students.

1. If the home-schooled student has taken any courses through a high school, correspondence school, college or other educational organization, then the school or organization should provide NNU with an official transcript.
2. If the home-schooled student's education is based upon a parent and student designed curriculum, then the parent, as the primary instructor, should provide the University with the official high school transcript.
3. Home-schooled students who have earned a General Educational Development (GED) certificate should submit the GED certificate.

Transfer Students

The Office of Admissions will review transfer applications and make admission decisions based on unofficial transcripts from all previous college work after high school. However, *official transcripts* are required from those colleges and universities prior to a transfer students beginning their coursework at NNU. Applicants seeking admission as a transfer student may not need to present high school transcripts and ACT or SAT scores as long as the applicant has a minimum of 28 transferrable college credits.

Failure to report all college and university work attempted could result in denial or revocation of admission. Transfer students may request a Transfer Brochure to assist them in the transfer process.

Federal financial aid regulations require that students transferring to NNU who have not successfully completed at least a two-year program (that is acceptable for full credit toward a bachelor's degree) need to self-certify that they have graduated from high school or have passed the GED in order for NNU to determine eligibility for federal funds.

International Students

Students from countries outside the United States for whom English is not their native language are required to meet one of the following criteria in order to be admitted to the university:

1. A score of 52 or higher on the TOEFL examination.
2. A score of 5.0 or higher on the IELTS examination.
3. A interview evaluation of Level 2 or higher.

International students would be placed in one of the three following tracks:

Track 1: TOEFL score of 52 – 60, or IELTS score of 5.0, or Interview Level 2 or higher[^]

Fall Semester:

ELWR1061 Academic Language Acquisition (3)
ELWR1063 Course-specific Language Support (3)
ELWR1072 Academic Reading and Grammar (3)
ELWR1073 Academic Writing for Non-Native Speakers of English (3)
1 course (3 credits) from a list of approved traditional courses

Spring Semester

ELWR1062 Academic Language Acquisition II (3)
ELWR1074 Academic Writing for Non-Native Speakers of English II (3)
2 courses (6 credits) from a list of approved traditional courses

Track 2: TOEFL score of 61 – 78 or IELTS score of 5.5

Fall Semester:

ELWR1073 Academic Writing for Non-Native Speakers of English (3)
3 courses (9 credits) from a list of approved traditional courses

Spring Semester:

ELWR1074 Academic Writing for Non-Native Speakers of English II (3)
3 courses (9 credits) from a list of approved traditional courses

Or, if students place out of ENGL1073 with either a writing assessment or Accuplacer test:

Fall Semester:

ELWR1074 Academic Writing for Non-Native Speakers of English II (3)
3 courses (9 credits) from a list of approved traditional courses

Track 3: TOEFL score of 79 or higher, or IELTS score of 6.0 or higher, or completion of two semesters at a regionally accredited college or university in the U.S. with a GPA of 2.0 or higher

Eligible for traditional courses, including ENGL1030, University Writing and Research.

[^]Students admitted based on an interview will be given a writing assessment during New Student Orientation. Students may be placed in Track 2 or Track 3 based on performance on this assessment.

*For students admitted to Levels 1 or 2, completion of ELWR1074 with a grade of C- or higher is a prerequisite for ENGL1030, University Writing and Research.

Accepting Your Offer of Admission

An admissions decision will be communicated shortly after the Early Action and Standard Admission deadlines. To accept an offer of admission please follow these steps:

1. Submit your \$250 tuition deposit as indication of your intent to enroll. Payment of a deposit made prior to communicated deadlines guarantees a spot in the incoming class and allows the student to register for classes. Payment can be made online through the student candidate portal or sent directly to the Undergraduate Office of Admissions. This payment is credited to your student account and is applied toward tuition and fees. Refunds are granted upon written request but those requests must be received prior to May 1. Refunds are not granted when requests are received after May 1.
2. Complete the Academic Planning Form (used for course scheduling), the Residential Status Agreement and the Immunization forms found at love.nnu.edu.
3. Coordinate with the Office of Financial Aid and Student Accounts to ensure that all scholarships, grants and student aid have been accepted and applied to your account.
4. Attend a Jump Start preregistration event during the summer. These events are not required but are very helpful for students and families.
5. Have an official, final high school and/or college transcripts sent to Undergraduate Admission no later than August 15.
6. Submit all required fees and forms as requested to insure that a space can be retained in the incoming class (see Deposits and Fees).

New Student Orientation

New Student Orientation dates are found on the official university calendar published in this catalog and [online](#). All students are expected to be present and complete registration on the days scheduled for this purpose.

Students are not enrolled until all registration materials are completed and approved by advisers and/or other authorized persons. Satisfactory financial arrangements must be completed and approved in the Business Office.

Readmission

Any person who interrupts his or her education at Northwest Nazarene University after having once been admitted, whether by withdrawal during a semester or failure to register for a semester, must apply for readmission and be approved before resuming attendance. Failure to register for a summer semester is not considered an interruption. An application for readmission is available online at www.nnu.edu/apply or upon request from the Office of Admissions. Please see application deadline dates above.

If the student has registered at any other college or university since attending Northwest Nazarene University, a transcript from those institutions must be sent to the Office of Admissions.

Admission to Temporary Non-Degree Students

An unclassified non-degree seeking student may be admitted to classes with Temporary Non-Degree status provided he/she gives evidence of the requisite ability to participate in the class. To apply for Temporary Non-Degree status, a student must enroll for less than 12 semester credits, not be working on a degree at NNU, and not be applying for federal financial aid. All such students will be expected to do the same work required of regularly classified students, unless he/she has been permitted to take the course on a noncredit basis.

Expenses and Financial Aid

Expenses

Student charges are set by the Board of Trustees based on the projected costs of operation. In addition to revenue from student charges, a major supplement to the cost of the student's education comes from donations made by Churches of the Nazarene, businesses and other individual sources. The actual costs of operation are affected by some factors over which the institution has little or no control. The amounts quoted in this catalog and its supplements are subject to change after appropriate notice.

Charges

Tuition, fees, room and board charges are usually increased annually by the approximate amount of increases in the cost of living, plus a reasonable amount for specific planned improvements in the educational opportunities to be provided during the year. **Some courses, such as private lessons, require a fee for specialized instruction, transportation, equipment, and/or supplies.**

Payment

Payment and/or satisfactory financial arrangement of the balance due on a student's account must be completed 2 weeks prior to the start of the semester. In determining the balance due, financial aid awarded for the semester will be deducted from the total semester charges. A late payment fee of \$75 may be assessed if payment and/or satisfactory financial arrangement has not been completed. Official transcripts of student course work are granted only after the student's account is paid in full. Registration for the next semester and continued enrollment will be available after the prior semester's balance is paid in full or satisfactory arrangements have been made with the Business Office.

Many NNU students choose to participate in a payment plan. For information on the payment plan, please contact the Business Office. Enrollment in a payment plan is to be completed by July 20, 2017. Payment plans are available for the academic year or individual semesters.

Advanced Deposits And Fees

New Student Advanced Tuition Deposit: \$250 is to be paid by May 1 for students applying for fall semester and by October 15 for students applying for spring semester. Receipt of the deposit is required before the student is allowed to begin registration and receive housing arrangements. Advanced work toward program scheduling cannot be done until the advanced deposit is received. Refunds shall be made according to the following schedule:

Date of Cancellation for fall semester	Amount of Refund
By May 1	Full Refund
By May 2 and thereafter	No Refund
Date of Cancellation for spring semester	Amount of Refund
By November 15	Full Refund
By November 16 and thereafter	No Refund

Refund of Charges for Students Who Withdraw

All students withdrawing from NNU must complete the "Request for Withdrawal from School" form available from the Center for Academic Success and Advising.

Exceptions to the refund schedule listed below will be considered for cases of medical or other hardship on a case-by-case basis upon request of the student and submission of appropriate documentation.

Tuition, Fees, Room and Board: Students who withdraw from school prior to or on the last day to drop courses for the semester shall receive a refund of 100% of tuition and fees charged. Students withdrawing after the last day to drop courses for the semester shall receive a prorated refund of tuition and fees for the first 60% of the semester. Room and board charges for the semester are refunded on a prorated basis. The withdrawal date is defined as the earlier of: (1) the date that the student began the official withdrawal process or officially notified NNU of intent to withdraw, or (2) for those students who leave school without notifying an appropriate NNU official, (a) the midpoint of the semester, or (b) the last day of documented academic-related activity. The Center for Academic Success and Advising Director determines the official date of withdrawal.

Refund Distribution: Students who withdraw from NNU during a semester and have received federal financial aid shall be reviewed for federal financial aid eligibility at the time of withdrawal. When a refund to federal programs is required, the following refund distribution will be used:

1. Unsubsidized Federal Direct Loan
2. Subsidized Federal Direct Loan
3. Federal Perkins Loan
4. Federal PLUS Loan
5. Federal Pell Grant
6. Federal Supplemental Educational Opportunity Grant (FSEOG)
7. Other Title IV Aid Programs
8. Other Federal Sources of Aid
9. Other State, Private or Institutional Aid
10. Parents or other third party, and then the Student

Refunds to NNU's institutional aid programs are based on the tuition and fees withdrawal proration rate; i.e., if one-half tuition and fees are refunded, one-half of any institutional aid will be refunded to institutional programs. Note: additional policies may apply to refund of NNU institutional aid.

Withdrawing From Courses

If a student withdraws from all courses during a semester, regardless of the reason, federal regulations require Northwest Nazarene University (NNU) to determine the amount of Title IV Federal aid the student has earned. The Title IV aid programs that are covered by this law are: Federal Pell Grants, Direct Loans (both subsidized and unsubsidized), Direct PLUS Loans, Federal Supplemental Educational Opportunity Grants (FSEOGs), Federal Perkins Loans, TEACH Grants, and Iraq and Afghanistan Service Grants.

Though a student's financial aid is posted to their account at the start of each period, funds are earned as the student completes the period. If a student withdraws during their expected term of enrollment the amount of Title IV aid that the student has earned up to that point is determined by a specific formula. If the student received more assistance than has been earned at the time of withdrawal, the excess funds must be returned by the school and/or by the student to the federal government. This is referred to as a Return to Title IV (R2T4).

Federal regulations require a recalculation of financial aid eligibility if a student:

- officially withdraws from all courses for the semester;
- stops attending before the semester ends without officially withdrawing;
- fails all classes and/or;
- does not complete all the sessions for which they were originally registered for in a period of enrollment.

Students who do not begin attendance in classes are not eligible for federal financial aid and must repay any federal assistance originally received.

The R2T4 calculation may result in the student and/or parents being responsible for directly returning additional loan amounts to the U.S. Department of Education.

Any amount of unearned grant funds that must be returned is called an overpayment. The maximum amount of a grant overpayment that must be repaid is half of the grant funds received or that were scheduled to be received. Grant overpayments of \$50 or less do not need to be repaid. Arrangements can be made through NNU or the U.S. Department of Education to return the unearned grant funds.

Determining the Amount of Federal Aid Earned

Students earn the Title IV Federal aid they originally received by remaining enrolled in and participating in all classes for which they are registered. Participation may be through physical attendance or active participation such as submission of homework or participation in course discussions for online courses.

The amount of federal aid that has been earned is determined on a pro rated basis. For example, if 30% of the period of enrollment has been completed prior to withdrawal, the student has earned 30% of his or her aid, but has not earned the remaining 70%. Return of Title IV funds are based on this 70% unearned percentage.

Once a student has attended more than 60% of the semester for which he or she is registered, the student is considered to have earned all of the financial aid originally awarded and will not be required to return any funds.

If the student received (or the student's parent received on their behalf) excess Title IV program funds that must be returned, NNU must return an amount equal to the lesser of:

- the student's institutional charges multiplied by the unearned percentage, or
- the students Title IV program assistance multiplied by the unearned percentage.

Post-Withdrawal Disbursement of Title IV Funds

If a student does not receive all of the funds earned, the student may be due a post-withdrawal disbursement. Prior to disbursal of a post-withdrawal disbursement, the student must provide NNU with permission to do so. The student may choose to decline *all* of the loan funds so that no additional debt is incurred.

NNU is entitled to use all or a portion of the student's post-withdrawal disbursement of grant funds for tuition, fees, and room and board charges. NNU must be provided with permission from the student to use the post-withdrawal grant disbursement for all other school charges. If the student does not give NNU the requisite permission, the student will be offered the funds; however, this will result in a balance due to NNU.

For Students Enrolled in Modules

A student is considered withdrawn if the student does not complete all of the days in each session that the student was originally scheduled to complete. NNU tracks enrollment in each session that does not span the entire fall, spring, or summer semester and combines the sessions to determine the students expected period of enrollment.

NNU determines if a student enrolled in a series of modules is a withdrawal and subject to recalculation of federal financial aid eligibility based on the following questions:

- After beginning attendance in the period of enrollment did the student cease to attend or fail to begin attendance in a course he or she was scheduled to attend? If the answer is *no*, this is not a withdrawal.

If the answer is *yes*, then:

- Was the student still attending any other courses when the student ceased to attend or failed to begin attendance in a course? If the answer is *yes*, this is not a withdrawal.

If the answer is *no*, then:

- After ceasing to attend or failing to begin attendance in a course did the student confirm with NNU that they will be attending a course in a session beginning later in the enrollment period? If the answer is *yes*, this is not a withdrawal.
- If the answer is *no*, this is a withdrawal and the R2T4 calculation will be performed.

Student Financial Aid

In an effort to assist students in their pursuit of a comprehensive Christian education, NNU is committed to providing scholarships, grants, state and federal funds (Title IV aid) to eligible students.

The awarding of financial assistance to students is primarily for the purpose of:

1. Recognition of achievements
2. Assisting students in acquiring a college education at NNU
3. Recruiting and retaining students

The University believes that the following objectives are consistent with this philosophy:

1. Rewarding students for excellence in academic performance
2. Rewarding students for achievements that may be other than academic
3. Aiding students for whom the pursuit of a college education is an unusual financial hardship

Application for Admission and Financial Aid is a combined process for traditional undergraduate students at NNU. Priority for aid awards (scholarships, grants, loans, etc.) from federally funded and other programs will be given to students who have submitted an NNU Application for Admission and Financial Aid and the Free Application for Federal Student Aid (FAFSA) to NNU by January 15th for the following fall's admission. Students must apply for aid by completing the FAFSA each year after October 1st. The following information will explain this process in more detail. All institutional scholarships and grants are considered when determining a student's minimum financial aid award offer.

Demonstration of Need - Northwest Nazarene University uses the Free Application for Federal Student Aid (FAFSA) to determine a student's eligibility for federal aid. Colleges use the Expected Family Contribution (EFC) from the FAFSA as an index to determine need for aid eligibility. Colleges determine the amount of need by taking the school's cost of attendance and subtracting the EFC, which results in need.

www.fafsa.gov and should be filed as early as possible after October 1st each year for the following school year. The FAFSA uses tax information from 2 years prior. Tax information for 2015 is used on the 2017-2018 FAFSA.

Payment of Financial Aid: Financial aid is disbursed to traditional undergraduate students by crediting half of the year's total award to the student's account each semester. If a student is only enrolled for one semester, other regulations may apply.

Requirements for Financial Aid: To receive any financial assistance, students must maintain satisfactory academic progress toward a degree. The Standard of Satisfactory Academic Progress for Financial Aid is available through the Office of Financial Aid.

In order to receive federal aid funds, a student must meet the following requirements:

- Be admitted to NNU as a degree-seeking student.
- Be a U.S. citizen or an eligible non-citizen.
- Be enrolled for 6 or more credits for most federal programs. Audited courses, some repeated courses, and credit by examination credits cannot be counted.
- Demonstrate [satisfactory academic progress](#) toward a degree according to NNU policy.
- Have a valid social security number.
- Register with Selective Service, if required to do so.
- Not be in default on any federal student loans, nor have borrowed in excess of loan limits, nor owe a refund on any grant under Title IV federal student aid programs.
- Not be ineligible based on a drug conviction.

Scholarships

All first-time traditional freshmen at NNU are automatically considered for all scholarships that they may be eligible to receive by completing the NNU Application for Admission and Financial Aid and submitting other necessary application materials such as final high school transcripts or official college transcripts.

Tuition Scholarships

Academic Scholarship: Students who display excellence in academic achievement are given this award. The award is determined based upon cumulative GPA and highest ACT or SAT score (both GPA and a test score are required to receive this award). Academic Scholarships are renewed each year as long as the student is maintaining a 2.5 cumulative GPA. The Academic Scholarship must be applied to tuition costs.

Christian Education Partner Scholarship: Students who attended a mission partner Christian high school and earned a cumulative GPA of 3.0 or higher are eligible for this scholarship. Students are awarded an NNU annual scholarship of \$4,000 for up to four years dependent on the number of years the student attended the high school. One year of attendance at the high school equals one year of NNU Mission Partner Scholarship.

Professional Allowance: Students eligible for this discount include full-time, unmarried traditional undergraduate dependent students, whose parent or guardian's primary income is based on being a Nazarene or non-Nazarene missionary, senior pastor, chaplain, pastoral staff, District Superintendent, or Assistant District Superintendent. Also eligible are dependent students whose parents are missionaries or staff of Mission Aviation Fellowship. Dependency status is defined in the same manner as the FAFSA definition when being considered for this award.

Army Reserve Officer Training Corps (ROTC): Students attending NNU are eligible to apply for Army ROTC two-, three-, and four-year scholarships. These pay for tuition, fees, and room charges (meal plan not included) for each year that the scholarship is received. Students who do not receive the Army ROTC scholarship, but are participating in ROTC classes and who are approved by the faculty adviser, will be given a \$3,200 room stipend.

Ministry: Freshmen students who are Nazarene and majoring in ministry are given a ministry scholarship. Renewal of this is determined by the faculty of the School of Theology and Christian Ministries.

Miscellaneous Scholarships: Miscellaneous Scholarships are also awarded for athletics, music, forensics, and engineering based on student achievement.

Nazarene and CCCU Tuition Remission: Dependents of full-time faculty and first-line administrators at U.S. and Canadian Nazarene colleges/universities or Nazarene Theological Seminary and Council for Christian Colleges and Universities (CCCU) schools can apply for up to a full tuition allowance. The number of allowances given is limited. Contact the Office of Financial Aid for details. The requirements as described by the General Church Department of Education, CCCU and/or NNU are in force for this allowance. Applicants must provide a signed Tuition Remission Recommendation Form from the institution where the parent is employed. Dependency status is defined in the same manner as the IRS/tax definition when being considered for this award.

Grad-Back Tuition: Students taking traditional undergraduate courses who have completed a baccalaureate degree at NNU receive a 50% reduction in the per credit cost of tuition.

Senior Citizens: Students who are sixty years of age and older may enroll for non-credit courses at no charge. Those who take course work for credit will receive a 50% reduction in the per credit cost of tuition.

NNU Matching Scholarships

NNU offers matches to some awards for eligible students who fit specific criteria as detailed below:

Trustee Matching Church Scholarship: A full-time student whose local church awards funds for his or her use in paying University costs will be eligible to receive matching funds. The match is based on the first \$350 received from the church during the academic year. This applies to Nazarene and non-Nazarene churches. NNU will match a church award for two semesters each school year, until work is completed on the first bachelor's degree for a traditional full-time undergraduate student. Students below a 2.0 cumulative GPA are not eligible for a full match and will only be matched on a one-to-one basis. For on-region Nazarene churches who have paid their education budget in full, a 7:1 match will be awarded. On-region Nazarene churches who have partially paid their education budgets will receive a 6:1 or 5:1 match. Students sponsored by an on-region Nazarene church who has not paid their education budget, off-region Nazarene churches, and some Treasure Valley non-Nazarene churches have been approved to receive a 4:1 match. Please check with Financial Aid to see if your church qualifies. Non-Nazarene church awards will be matched at a 1:1 ratio.

NYI Awards: NYI and Regional Main Event scholarships are awards given to students in recognition of excellence in various areas of talent as well as quizzing competitions within the district (NYI) and/or Region (Main Event) each year. NYI awards can be won at a local or national (Q or NYC) level.

The student should present a copy of each award to the NNU Office of Financial Aid so that the scholarship(s) can be included as part of the students overall financial aid offer. Students must be accepted for admission and be full-time undergraduate, degree seeking, currently enrolled students at NNU in order to receive these awards. Any other conditions for use appear on the certificate.

The NYI and NYC/Q scholarships contain specific directions for the student to follow in order to request that the NYI portion of the funds be sent to NNU. This usually requires a written request from the student to someone within the NYI organization. Once these funds are received, NNU will match these scholarships on a 1:1 basis (up to \$500 per academic year). Regional Main Event scholarships are awarded at face value.

Scholarship Requirements and Restrictions

All scholarship recipients are to be enrolled full-time, have a minimum cumulative grade point average of 2.00 (or higher, if so indicated by the scholarship criteria), and meet any other eligibility requirements detailed in the criteria of the scholarship. Institutional aid can be prorated for seniors in their final semester of coursework who are taking more than 6 credits but are not full-time. Academic scholarships require a 2.5 cumulative GPA. Scholarships based on per credit cost for post-baccalaureate and senior citizens are not subject to these requirements.

The University reserves the right to cancel or alter these scholarships in the case of misconduct or in the case of any conduct which, in the judgment of the University, makes it necessary.

Federal Grants

The United States Government, through the Department of Education, has made funds available for several Federal grant programs.

Federal Pell Grant: The award amount for the Federal Pell Grant is determined annually by the federal government. Eligibility is determined by completing the Free Application for Federal Student Aid (FAFSA) online at www.fafsa.gov. Once submitted, a Student Aid Report (SAR) is created, which indicates the student's eligibility for this grant.

Federal Supplemental Educational Opportunity Grant (FSEOG): FSEOG awards are funds made available and allocated to students with the lowest Expected Family Contribution (EFC) who also qualify for a Federal Pell Grant. The Federal Pell Grant is solely determined by the EFC on the FAFSA and the Federal Government's Pell amounts. The student's FAFSA must be submitted by January 15th, to be considered for this grant.

Federal Loans

These loans are low-interest, fixed rate federal loans borrowed through the federal government.

Federal Direct Subsidized Student Loans: A [subsidized loan](#) is one that the government pays the interest while the student is in school, in a grace period, or in deferment. A student must complete the FAFSA to be considered for a subsidized loan. Repayment begins six months after graduation or discontinuance of at least half-time, degree-seeking enrollment. First-time borrowers must additionally complete a [Master Promissory Note \(MPN\)](#) and [Entrance Counseling](#) to better understand repayment and options.

Federal Direct Unsubsidized Student Loans: Students who do not qualify or only qualify for part of the subsidized loan based on need are eligible for an [unsubsidized loan](#). An unsubsidized loan is one that the government does not pay the interest on the loan while the student is in school, in a grace period, or in deferment. Payments of principal and interest may be deferred while enrolled at least half-time as a degree-seeking student. Repayment begins six months after graduation or discontinuance of at least half-time, degree-seeking enrollment. A student must complete the FAFSA to be considered for an unsubsidized loan. First-time borrowers must additionally complete a [Master Promissory Note \(MPN\)](#) and [Entrance Counseling](#) to better understand repayment and options.

Federal Perkins Loans: The [Federal Perkins Loan](#) is a low-interest loan which is provided by the federal government and NNU. This loan is awarded on the basis of financial need as determined by the student's Free Application for Federal Student Aid (FAFSA) analysis. Due to federal legislative changes made by Congress, the Federal Perkins Loan program will make no new loans after September 30, 2017. However, students currently receiving Federal Perkins Loan funds may continue to be awarded through the 2017-2018 academic year.

Other Sources of Financial Aid

The Bureau of Indian Affairs: The U.S. Department of Interior provides grants, loans, and summer work to American Indian students to enable them to continue their education. Students must demonstrate high scholastic ability and need financial assistance. More information and eligibility requirements may be determined by contacting the area director or agency office having a record of tribal membership.

Vocational Rehabilitation: Assistance is available to residents of many states who have a disability that is a barrier to employment. Further information may be obtained by contacting the nearest State Vocational Rehabilitation Office.

Dependent's Educational Assistance Program: This program provides educational opportunities for many children of veterans who died or were permanently and totally disabled in or as a result of service in the Armed Forces of the United States. Widows and wives may also qualify if the veteran husband is deceased or permanently and totally disabled from service-connected causes. For latest benefit figures and further information on additional programs, contact the nearest local or regional Veterans Administration Office or visit www.benefits.va.gov/gibill.

Post 9/11 and Yellow Ribbon Benefits: This program provides educational opportunities for many veterans, spouses, and children of veterans who served in the Armed Forces of the United States after 9/11. For latest benefit figures and further information on additional programs, contact the nearest local or regional Veterans Administration Office or visit www.benefits.va.gov/gibill.

Army Reserve Officer Training Corps (ROTC): Students attending NNU are eligible to apply for Army ROTC two-, three-, and four-year scholarships. These scholarships pay for tuition, fees, and room charges (meal plan not included) for each year that the scholarship is received.

Part-Time Employment

On-Campus Employment: All NNU students are eligible to apply for part-time work on campus. A variety of on-campus offices hire students, such as Facilities, Learning Commons, Bookstore, and others. All students are encouraged to apply for positions of interest by following the directions listed in each job posting located on the [Career Center's website](#). First-time students are encouraged to work no more than 12 hours per week at any job or combination of jobs on campus.

A number of on-campus positions are funded in part by Federal College Work-Study program funds. Work study eligibility is determined by the [Office of Financial Aid](#) personnel upon review of the student's FAFSA information, cost of attendance, and other aid awarded, and is communicated to the student in an award letter. Federal Work Study is awarded to eligible students who have secured on-campus employment through the [Career Center](#).

America Reads: The America Reads program makes funds available to institutions of higher education in order to pay university students to tutor elementary students in reading. NNU works with several schools in the community assisting with their reading programs. The student must be eligible for Federal College Work-Study funds to participate in this program. Eligibility is determined by the [Office of Financial Aid](#) personnel upon review of the student's FAFSA information, cost of attendance, and other aid awarded, and is communicated to the student in an award letter. NNU pays the student on a monthly basis.

Part-time Off-Campus Employment: Numerous students secure their own arrangements for part-time off-campus employment in the local community. Students are encouraged to review postings located on the [Career Center's website](#) to identify part-time off-campus opportunities.

Off-Campus Study Opportunities

Financial aid may be available to students studying in an off-campus study program (not an NNU program) that has been approved through the [Off-Campus Study](#) office. Students must be in at least their second year of full-time enrollment at NNU, and must return to NNU the following Fall or Spring semester (unless it was their final semester).

Students remain eligible for federal and state aid. For university financial aid, students are eligible to receive one half of what he or she otherwise would receive, up to \$7,000. A student can only receive university aid for one semester in an off-campus study program.

Student Rights and Responsibilities

As recipients of Federal student aid, students have certain rights and responsibilities. NNU believes that knowing these rights and responsibilities will place students in a better decision-making position to achieve their educational goals.

Student Rights

All students have the right to know:

1. The cost of attending a particular school and what the school's policy is on refunds to students who withdraw.
2. What financial assistance is available including information on all federal, state, local, private, and institutional financial aid programs.
3. The school's financial aid personnel, where their office is located, and how to contact them for information.
4. The procedure and deadlines for submitting applications for each available financial aid program.
5. How the school selects financial aid recipients.
6. How the school determines financial need.
7. How much of their financial need, as determined by the school, has been met.
8. How and when financial aid will be received.
9. The interest rate on federal student loans, the total amount that must be repaid, length of the re-payment period, when the payment begins, and what cancellation or deferment provisions apply.
10. If students are offered a Federal College Work-Study job, what kind of job it is, what hours they must work, what their duties will be, what the rate of pay will be, and how and when they will be paid.
11. The school's policy in reconsidering a student's aid package if he or she believes a mistake has been made, or if his or her enrollment or financial circumstances have changed.
12. How the school determines whether students are making [satisfactory academic progress](#) and what happens if they are not.

Student Responsibilities

All students must:

1. Pay special attention to the Free Application for Federal Student Aid (FAFSA), complete it accurately, and submit it on time to the processor. Errors may delay or prevent a student from receiving aid.
2. Know and comply with all deadlines for applying or re-applying for aid.
3. Provide all documentation, corrections, and/or new information requested by the Office of Financial Aid.
4. Notify the University of any information that has changed since applying for financial aid.
5. Read, understand, and keep copies of signed documents.
6. Repay any student loans. When a promissory note is signed, it is an agreement to repay the loan.
7. Complete [Entrance Counseling](#) (incoming students) and [Exit Counseling](#) (outgoing students) online if the student has a Federal Perkins Loan or Federal Direct Student Loan.
8. Notify the University of a change in name, address, or attendance status. If a student has a Federal Direct Student Loan, he or she must also notify the loan service provider of these changes.
9. Satisfactorily perform the work agreed upon in a Federal College Work-Study job.

Fees

Total shown is demonstrating the total costs for a typical undergraduate. For more information please refer to the cost breakdown information. If you have any questions or need any assistance, please do not hesitate to contact us at businessoffice@nnu.edu.

Student Fees	Cost Per Semester	Cost Per Year
Undergraduate: 12 credits or more	\$250	\$500
Undergraduate: 6-11 credits	\$200	\$400
Undergraduate: less than 6 credits	\$100	\$200
Special Fees		Cost
Contingency deposit (a one-time refundable deposit)		\$50
Late payment and/or registration fee		\$150
Non-credit fee per course credit (audit)		\$50
Return check fee		\$20

Please Note: Some courses have an activity/usage fee. Check course schedule for details.

Undergraduate Tuition

Type	Cost Per Semester	Cost Per Year
12-18 Undergraduate Semester Credits	\$ 14,250	\$ 28,500
Less than 12 semester credits	\$1,200 per credit	\$1,200 per credit
More than 18 semester credits	block rate + \$330/credit	block rate + \$330/credit
Post-Baccalaureate/NNU Graduate	\$600 per credit	\$600 per credit
Post-Baccalaureate/non-NNU Graduate	\$1,200 per credit	\$1,200 per credit

Cost for a typical undergraduate student

Type	Cost Per Semester	Cost Per Year
Tuition	\$14,250	\$28,500
Fees	\$250	\$500
Room and Board	\$3,500	\$7,000
Insurance	\$1,743*	\$1,743
(*charged in the fall for the year)		
Total	\$19,743	\$37,743

Senior Citizens

Senior citizens, 60 or older, may enroll in classes for non-credit at no charge on a space available basis. Classes taken for credit: \$600 per semester credit.

Statement Of Charges

Students may view their charges and financial aid on the NNU portal.

Changes in the student's course load may result in an increase or decrease in financial aid. When adding or dropping classes, students should contact their Financial Aid Officer to determine if any of their financial aid will be affected.

Students are reminded that lenders may deduct a processing fee from their Direct Student loans, Direct Plus loans, and Alaska Student Loan applications. Questions concerning your financial aid should be directed to (208) 467-8638, 1-877-668-4968, or financialaid@nnu.edu.

It is the student's responsibility to ensure that information regarding payment of amounts due is communicated to the person who will be paying the account.

Fees and Other Charges for Past Due Accounts

Failure to pay student's account by the due date will result in a late fee. Accounts 45 days past due will also be assessed a finance charge at the rate of 1.25% monthly (15% annually).

When a student is no longer enrolled at NNU and a balance remains on their account, the student is responsible for paying the University's cost of collection. This includes, but is not limited to, collection agency fees not to exceed 40% of the debt and may also include court and/or attorney fees.

Board and Room

Room cost is for a single student in a shared dorm room. A private room (when available) is an additional \$300 per semester. Room charge includes furniture and utilities. Room assignments are made by the Office of Student Life (208) 467-8643.

Plan Type	Cost Per Semester	Cost Per Year
Silver Meal Plan and Single Student in Shared Dorm Room	\$3,500	\$7,000

This meal plan offers students 230 entries per semester and \$100 Flex dollars per semester that may be used at *The Bean*.

Alternative meal plans are available to certain students. Information on these alternative meal plans is available from the Office of Student Life.

Undergraduate Degree Requirements

The College of Arts and Sciences at Northwest Nazarene University offers three degrees, the Bachelor of Arts, the Bachelor of Science, and the Bachelor of Science in Nursing. Majors are offered in 40 fields of study. To qualify for a bachelor's degree at NNU, the student must satisfy the eight (8) requirements described below. Faculty and staff members at the university advise students concerning progress toward graduation. However, the student is responsible for meeting all graduation requirements.

In order for a student to graduate under the requirements of the Catalog in use at the time he/she matriculated, the student must complete a bachelor's degree within seven (7) years. Otherwise, the student must use the most recent catalog.

1. Total Credits. The student must complete a minimum of 124 semester credits.
2. Upper-Division Credits. The student must complete at least 32 semester credits in courses numbered above 2999.
3. Quality of Grades. Either grades must average C (2.000) or better; or all grades C (2.000) or better must be earned in 124 semester credits which meet the basic skills, general education, and major requirements. A grade of C- (1.700) or better must be earned in all courses which apply toward the major. Some majors have higher GPA requirements. See individual program descriptions for details.
4. Residence. Each student must spend a minimum of one year, full-time standing, in residence. If only one year is spent at NNU, it must be the senior year and must include a minimum of 8 semester credits in the major.
5. General Education Program. The student must complete the program of General Education as described below.
6. Major Field of Study. In addition to the various areas of scholarship represented in the general education group requirements, a baccalaureate degree requires a more detailed acquaintance with the advanced materials and methods of a particular field. In this field of concentration the student is expected to attain an elementary degree of mastery and a background for further reading and study, formal or informal. In many cases this major study has professional or vocational value. A listing of the major fields of study may be found at the end of this chapter.
7. Comprehensive Exam. The Collegiate Assessment of Academic Proficiency (CAAP) is an assessment of student knowledge taken during the junior or senior year. The CAAP test scores are compared to the freshman ACT scores. This comparative study, organized by and administered under the direction of the American College Testing Program, is aimed at assisting colleges and universities in efforts to improve general education and helping students to persist to graduation with the knowledge and skills important to functioning effectively in society.
8. Application for Graduation. Candidates for a degree must submit an application and have the application approved by the administrator(s) of the program.

The General Education Program

According to the Mission Statement, Northwest Nazarene University offers an undergraduate curriculum that "is designed to instill a habit of mind that enables each student to become God's creative and redemptive agent in today's world." This curriculum provides both depth (the student's major field of study) and breadth (the General Education Program) to nurture our students' highest intellectual, physical, and spiritual development.

The General Education Program is the foundation of all undergraduate education at Northwest Nazarene University. It purposely expresses through curriculum the mission of the university as a Christian liberal arts institution in the Wesleyan heritage. The objective of the General Education Program is to provide a common experience for the personal and intellectual growth of each student. Students are brought into contact with the great persons, ideas, movements, human culture and the Christian faith. The curriculum is intellectually challenging and designed to set the tone for all courses at the university.

Standard General Education Requirements at a Glance (52 credits)

When planning a schedule, students should carefully review the detailed requirements following this summary.

Christian Formation - 12 credits

Course Code	Course Name	Credits
BIBL1100	Intro to Biblical Studies	3
THEO2100	Intro to Christian Theology	3
BIBL/THEO	Approved UD Bib Lit or Theology Elective	3
PHIL	Approved Philosophy Elective	3

Humanities - 16 Credits

Course Code	Course Name	Credits
HUMN1010	Cornerstone	3
ENGL	Approved Literature Elective	3
ARDE/MUSC	Approved Art History or Music History Elective	3
HIST	Approved U.S. History Elective	3
HIST	Approved non-U.S. History Elective	3
HUMN	Capstone	1

Intellectual - 9 Credits

Course Code	Course Name	Credits
ENGL1030	University Writing and Research	3
ENGL3015	Topics in Writing (or a course with a W designation)	3
COMM1210 or COMM1211	Intro to Public Speaking or Technical Communication	3
Math Proficiency	Satisfactory score on the mathematics portion of the ACT, SAT, or Accuplacer Tests	0
Cross Cultural Requirement	Completion of Cross Cultural Experience(s), Intercultural Lab(s), and Reflection Paper(s)	0

Sciences - 15 Credits

Course Code	Course Name	Credits
KINE1000	Fundamentals of Wellness	1
KINE	Approved Kinesiology Activity Elective	1
Natural Science	Approved Natural Science Lecture Elective	3
Natural Science	Approved Natural Science Lab Elective	1
Social Science	Approved Social Science Elective	3
Additional Electives	Electives from two of the following areas to equal 6 credits: Mathematics, Natural Sciences, Social Sciences	6

To complete the General Education Program at Northwest Nazarene University, the student must take 52 semester credits of courses distributed in five categories. The categories with the number of credits required in each are:

I. Christian Formation (12 credits)

BIBL1100. Introduction to Biblical Studies (3)

To be completed during the first 3 semesters of residence, must be completed with a grade of C- or higher.

THEO2100. Introduction to Christian Theology (3)

To be completed by end of the fifth semester of residence, must be completed with a grade of C- or higher.

Upper-division Bible Literature or Theology (3)

- BIBL, THEO prefixed 3 credit courses. Two credit BIBL, THEO courses do not satisfy this requirement.
- Students transferring to Northwest Nazarene University as juniors (60 credits) must complete 6 semester credits in biblical and theological studies which will include BIBL110 (or a BIBL elective) and THEO2100. Students transferring as seniors (90 credits) must complete only THEO2100.

Philosophy Elective (3)

Select one course from:

- PHIL2010. Introduction to Philosophy (3)
- PHIL2020. Ethics (3)
- PHIL3010. History of Ancient and Medieval Philosophy (3)
- PHIL3080. Critical Reasoning (3)
- PHIL3520. Philosophy of Science (3)
- PHIL3600. Clinical Ethics (3)
- PHIL3620. Science and Christian Faith (3)

II. Humanities (16 credits)

HUMN1010. Cornerstone (3)

To be completed during the first semester of residence, must be completed with a grade of C- or higher.

Literature Elective (3)

Select one course:

- ENGL2210. American Literature: Colonial Period to the Civil War (3)
- ENGL2220. American Literature: Civil War to the Present (3)
- ENGL2310. British Literature: Beowulf through the Age of Reason (3)
- ENGL2320. British Literature: The Romantic Age to the Present (3)
- ENGL2410. Major Literature of the Western World (3)
- ENGL2420. World Literature: The Ancient World to the Renaissance (3)

- ENGL2430. World Literature: The Enlightenment to the Modern Era (3)
- ENGL3210. Major Authors in American Literature (3)
- ENGL3250. The American Novel (3)
- ENGL3310. Major Authors in British Literature (3)
- ENGL3320. Shakespeare (3)
- ENGL3350. The British Novel (3)
- ENGL3410. Greek and Roman Classics (3)
- ENGL3420. Foreign Literature in Translation (3)
- ENGL3510. Twentieth Century Poetry (3)
- ENGL3520. Twentieth Century Drama (3)
- ENGL3740. Children's Literature (3)
- ENGL4270. Minority Voices in American Literature (3)
- ENGL4340. Major Romantics and Victorians (3)
- ENGL4350. British Poetry Before 1700 (3)

Art History/Music History Elective (3)

Select one course:

- ARDE1010. A Survey of Art and Music (3)
- ARDE3250. Art History 1 (3)
- ARDE3340. Design History (3)
- ARDE3750. Art History 2 (3)
- ARDE3950. Modern and Contemporary Art History (3)
- MUSC1010. A Survey of Art and Music (3)
- MUSC3260. Music History: Medieval, Renaissance and Baroque (3)
- MUSC3270. Music History: Classic, Romantic and Modern (3)

History Electives (one U. S. and one non-U. S.) (6)

Select one U.S. History course from:

- HIST1070. American History Survey (3)
- HIST2030. Conflict and Consensus: American History to 1877 (3)
- HIST2040. Conflict and Consensus: American History from 1877 (3)
- HIST3250. History of American Culture (3)
- HIST3390. Recent America (3)
- HIST3850. British and American Victorians (3)

Select one non-U.S. history course from:

- HIST1030. The World and the West I (3)
- HIST1040. The World and the West II (3)
- HIST3480. Modern Europe (1800-Present) (3)
- HIST3850. British and American Victorians (3)

Capstone: Completion of one of the following capstone courses approved by the General Education Council (1-4)

- ARDE4950. Engaging Art and Faith (3)
- BIOL4970. Pre-Physical Therapy Capstone (1)
- BIOL4980. Senior Seminar/Capstone (1)
- BSNS4980. Senior Seminar In Business (3)
- CHEM4980. Senior Seminar/Capstone (1)
- CLST4010. Capstone (1)
- COMM4980. Seminar in Communication Studies (1)
- COMP4980. Senior Seminar/Capstone (1)
- CRIM4010. Capstone (1)
- EDUC4950. Seminar/Capstone (1)
- ENGL4980. Senior Seminar (1)
- ENGR4972. Senior Design Project II/Capstone (2)
- HIST4970. Senior Thesis and Capstone (4)
- HUMN4010. Capstone (1)
- KINE4970. Kinesiology Senior Capstone (1)
- MUSC4000. Music Capstone Seminar (1)
- NURS4040. Transition to Professional Nursing Practice/Capstone (4)
- PHIL4900. Philosophy Capstone (1)
- PHYS4980. Senior Seminar/Capstone (1)
- POLS4970. Senior Thesis and Capstone (4)
- PSYC4010. Capstone (1)
- SOGY4010. Capstone (1)
- SOWK4981. Senior Field Seminar (1)
- SPAN4010. Capstone (1)
- THEO4900. Religion Capstone (1)

III. Sciences (15 credits)

KINE1000. Fundamentals of Wellness (1)

KINE1000L. Fundamentals of Wellness Lab (0)

KINE Activity Course (1)

Select one course from:

- KINE1020. Heart Healthy Activity
- KINE1030. Lifetime Sport Activity
- KINE1010. Adapted Physical Education (1)
- MILS2500. Military Style Fitness (1)
- KINE2640. Kinesiology Majors Activity Laboratory (1)
(This course is only open to kinesiology majors.)
- KINE2770. HH: Competitive Athletics (1)
(This course is only open to students participating in collegiate competitive athletics.)

Natural Science Elective to include a laboratory (4)

Select one natural science lecture and corresponding laboratory course.

BIOL1010 and BIOL1010L. Introduction to Biology
BIOL1040 and BIOL1040L. Environmental Science
BIOL1060 and BIOL1060L. Human Biology
BIOL2010 and BIOL2010L. Human Anatomy and Physiology I
BIOL2030 and BIOL2030L. Human Anatomy and Physiology II
BIOL2220 and BIOL2220L. General Biology I
BIOL2230 and BIOL2230L. General Biology II
BIOL2300. Idaho Amphibians
BIOL2320. Idaho Birds of Prey
BIOL3250 and BIOL3250L. Tropical Ecology
CHEM1060 and CHEM1060L. Chemistry for Citizens
CHEM1210 and CHEM1210L. Principles of Organic and Biochemistry
CHEM2210 and CHEM2210L. General Chemistry I
CHEM2220 and CHEM2220L. General Chemistry II
HNRS3550. Science and Science Fiction
INTD3550. Science and Science Fiction
PHYS1010 and PHYS1010L. Introduction to Physical Science
PHYS1060 and PHYS1060L. Descriptive Astronomy
PHYS1110 and PHYS1110L. College Physics I
PHYS1120 and PHYS1120L. College Physics II
PHYS2110 and PHYS2110L. Physics for Science and Engineering I
PHYS2120 and PHYS2120L. Physics for Science and Engineering II

Social Science Elective (3)

Select one course from:

CLTA1550. Introduction to Cultural Anthropology (3)
CLTA2030. Intercultural Communication (3)
CLTA2040. Introduction to Ethnography (3)
CLTA2250. Issues of Developing Nations I (3)
CLTA3180. Race, Class, and Gender (3)
COMM2030. Interpersonal Communication (3)
ECON2410. Principles of Microeconomics (3)
ECON2420. Principles of Macroeconomics (3)
ECON3010. Personal Finance and Stewardship (3)
EDUC2110. Educational Psychology (3)
GEOG1050. Introduction to Geography (3)
POLS1010. American National Politics (3)
POLS1030. The Foundations of Politics: The Quest for Peace and Justice (3)
POLS1050. Introduction to International Relations (3)
PSYC1550. Introduction to Psychology (3)
PSYC2100. Lifespan Development (3)
PSYC2110. Educational Psychology (3)
SOGY1500. Introduction to Criminal Justice (3)
SOGY1550. Introduction to Cultural Anthropology (3)
SOGY2250. Issues of Developing Nations I (3)
SOGY3180. Race, Class, and Gender (3)

Additional Science Electives (6)

Select two additional courses from two of the following three areas:

1. Mathematics

One of the following approved mathematics courses:

- BSNS2330. Math for Business and Finance (3)
- KINE4520. Tests and Measurements in Physical Education (3)
- MATH1100. Liberal Arts Math (3)
- MATH1300. College Algebra (3)
- MATH1400. Trigonometry (3)
- MATH1510. Survey of Calculus (3)
- MATH2010. Fundamentals of Mathematical Structures I (3)
- MATH2240. Elementary Statistics (3)
- MATH2310. Discrete Mathematics (3)
- MATH2510. Calculus I (4)

2. Natural Science

- Approved natural science course from the list above

3. Social Science

- Approved social science course from the list above

IV. Intellectual and Practical Skills (9 credits)

ENGL1030. University Writing and Research (3)

To be completed by end of first year of residence. Must be completed with a grade of C- or higher.

ENGL3015. Topics in Writing (3)

or: any ENGL course with a W designation (3) Must be completed with a grade of C- or higher.

COMM1210. Introduction to Public Speaking (3) or COMM1211. Technical Communication (3)

Must be completed with a grade of C- or higher.

Mathematics Proficiency (0)*

One of the following minimum test scores. Test scores must have been obtained within the previous five years.

- ACT Math Score of 21 or higher
- SAT Math Score of 570 or higher
- Accuplacer Elementary Algebra Score of 74 or higher
- Completion of an approved college level math course

**Must be completed by the end of the fourth semester in residence.*

V. Cross Cultural Experience

Students are required to complete 4 points of Cross Cultural Experiences. This may be accomplished in *any combination* of the following experiences (i.e. one level 3 experience plus one level 1 experience would complete the requirement):

Level IV Experience (4 points) complete the following:

- CLST1004CC Intercultural Lab (no credit) prior to participating in a Cross Cultural Experience
- Approved travel (e.g., cross-cultural semester abroad, 2 week (14 days) mission trip) or students who have lived overseas for at least one year after the age of 7
- A ten page paper reflecting on the cross cultural experience

Level III Experiences (3 points) complete the following:

- CLST1003CC Intercultural Lab (no credit) prior to participating in a Cross Cultural Experience
- Approved travel 7-10 days in non-English speaking country
- A seven page paper reflecting on the Cross Cultural Experience
- Level II Experiences (2 points) complete the following:
 - Intercultural Lab 2 (no credit) prior to participating in a Cross Cultural Experience
 - Approved US/Canada travel experience
 - A five page paper reflecting on the cross cultural experience

OR

- Level two Intercultural Lab (enroll in corresponding Intercultural Lab when registering for one of the courses listed below).
- 10-15 contact hours
- A five page paper reflecting on the Cross Cultural Experience

BSNS4600. Global Business Strategies (3) and BSNS4600CC (0) Intercultural Lab 2
CHIN2010. Intermediate Chinese (4) and CHIN2010CC (0) Intercultural Lab 2
CHIN2020. Intermediate Chinese (4) and CHIN2020CC (0) Intercultural Lab 2
CLST1020. Dynamics of Intercultural Dialogue (2) and CLST1020CC (0) Intercultural Lab 2
CLST3960. Cultural Studies Field Experience (1-3) and CLST3960CC (0) Intercultural Lab 2
CLTA1550. Introduction to Cultural Anthropology (3) and CLTA1550CC (0) Intercultural Lab 2
CLTA2030. Intercultural Communication (3) and CLTA2030CC (0) Intercultural Lab 2
COMM4200. Intercultural Communication and COMM4200CC (0) Intercultural Lab 2
EDUC2250. Cultural Diversity in Education (2) and EDUC2250CC (0) Intercultural Lab 2
EDUC3310. Teaching English Language Learners (1) and EDUC3310CC (0) Intercultural Lab 2
EDUC3410. English Language Learners and Content Literacy in Secondary Classrooms (3) and EDUC3410CC (0) Intercultural Lab 2
FREN1020. Elementary French (4) and FREN1020CC (0) Intercultural Lab 2
FREN2010. Intermediate French (4) and FREN2010CC (0) Intercultural Lab 2
FREN2020. Intermediate French (4) and FREN2020CC (0) Intercultural Lab 2
MILS3900. Leadership Practicum in a Culturally Diverse Environment (6) and MILS3900CC (0) Intercultural Lab 2
NURS4010. Nursing of Diverse Populations in the Community (4) and NURS4010CC (0) Intercultural Lab 2
PRTH2400. Introduction to Christian Missions (3) and PRTH2400CC (0) Intercultural Lab 2
PRTH3750. Compassionate Ministries (2) and PRTH3750CC (0) Intercultural Lab 2
REST3610. Exploring World Religious Traditions (3) and REST3610CC (0) Intercultural Lab 2
SOGY3180. Race, Class and Gender (3) and SOGY3180CC (0) Intercultural Lab 2

SPAN1020. Elementary Spanish (4) and SPAN1020CC (0) Intercultural Lab 2
 SPAN2010. Intermediate Spanish (4) and SPAN2010CC (0) Intercultural Lab 2
 SPAN2020. Intermediate Spanish (4) and SPAN2020CC (0) Intercultural Lab 2
 SPAN3010. Advanced Conversation and Composition (3) and SPAN3010CC (0) Intercultural Lab 2

Level I Experiences (1 point) complete the following:

- Intercultural Lab 1 (no credit) prior to participating in a stand-alone Cross Cultural Experience
- 5-10 hours approved Cross Cultural Experience
- A five-page paper reflecting on the Cross Cultural Experience

OR

- Level one Intercultural Lab (enroll in corresponding Intercultural Lab when registering for one of the courses listed below).
- 5 - 10 contact hours
- A five-page paper reflecting on the Cross Cultural Experience

ARDE4950. Engaging Art & Faith (3) and ARDE4950CC (0) Intercultural Lab 1
 CHIN1010. Elementary Chinese (2) and CHIN1010CC (0) Intercultural Lab 1
 CHIN1020. Elementary Chinese (2) and CHIN1020CC (0) Intercultural Lab 1
 CHIN1030. Elementary Chinese (3) and CHIN1030CC (0) Intercultural Lab 1
 CLST2960. Cultural Studies Practicum (1) and CLST2960CC (0) Intercultural Lab 1
 FREN1010. Elementary French (4) and FREN1010CC (0) Intercultural Lab 1
 PSYC4112. Human Diversity (3) and PSYC4112CC (0) Intercultural Lab 1
 SOWK2851. Human Behavior and the Social Environment II (2) and SOWK2851CC (0) Intercultural Lab 1
 SOWK2970. Urban Field Experience (1) and SOWK2970CC (0) Intercultural Lab 1
 SPAN1010. Elementary Spanish (4) and SPAN1010CC (0) Intercultural Lab 1

Additional Note:

Interdisciplinary courses may be offered periodically which will satisfy two general education requirements with one course. Completion of interdisciplinary courses will reduce the number of credits required to satisfy the general education requirements. However, the student must still complete 124 overall credits and 32 upper division credits to satisfy graduation requirements.

Honors College General Education

Students enrolled in the Honors College may use the following courses to fulfill the specified General Education Requirements.

A grade of C- or higher is required.

Honors College Course	General Education Requirement(s)
HNRS2550. Western Intellectual Traditions I (3)	HUMN1010 Cornerstone Philosophy Elective
HNRS2560. Western Intellectual Traditions II (3)	Non-US History Elective ENGL1030 University Writing and Research
HNRS3550. Science and Science Fiction (3)	Natural Science Lecture Elective Literature Elective
HNRS3560. Being Human: Theological and Psychological Reflections (3)	Social Science Elective Upper-Division Theology Elective

Note: The student will earn 3 credits for each of the above Honors College courses even though the course may fulfill two General Education requirements.

Majors Offered

Northwest Nazarene University offers undergraduate degrees in 40 majors. The degree requirements are given in this catalog in the section describing the sponsoring department. The majors offered are:

- Accounting
- Applied Studies
- Art
- Biblical Studies
- Biology
- Business Administration
- Chemistry
- Chinese Studies
- Christian Ministry
- Communication
- Computer Graphic Design
- Computer Information Systems
- Computer Science
- Criminal Justice
- Cultural Anthropology
- Elementary Education
- Engineering
- English
- Financial Economics
- Global Business
- History
- Intercultural Ministry (Missions)
- International Studies
- Liberal Studies
- Management
- Marketing
- Mass Communication
- Mathematics
- Music
- Nursing
- Philosophy
- Philosophy and Religion
- Physics
- Political Science
- Pre-Physical Therapy
- Psychology
- Recreation and Sports Management
- Secondary Education
- Social Work
- Youth Ministry

Within many of these majors, various specializations (concentrations, emphases, or tracks) or minors are available or are required. Students may find these opportunities listed in the major description sections of this catalog.

Individualized Major: For students whose educational objectives cannot be met by one of the majors given above, the individualized major gives opportunity for students to design a program of study. Each individualized major must be approved by the appropriate curriculum committee. For additional information see the Special Programs chapter.

Minors Offered

An academic minor represents a well-defined set of courses identifying a secondary area of expertise. If a student elects to earn an academic minor, it must consist of a minimum of 15 to a maximum of 28 credits. A minimum of nine credits in the minor may not be duplicated in a major or another minor. Fifty percent of the course credits must be taken at NNU, and fifty percent must be upper-division credits.

Students may declare a minor on a declaration form obtained from the Office of the Registrar. Detailed information concerning specific requirements for each minor can be found in the respective departmental listing in the Catalog. The minors offered are:

- Accounting
- Acting
- Bible
- Biblical Languages
- Biology
- Broadcasting
- Business Administration
- Chemistry
- Children's Ministry
- Christian Ministry
- Communication
- Computer Science
- Criminal Justice
- Cultural Studies
- Evangelism
- Family Ministries
- Financial Economics
- Global Business
- Graphic Design
- History
- Literature
- Management
- Marketing
- Mathematics
- Media Production
- Military Science
- Missions
- Music
- Music Industry
- Parachurch Ministry
- Pastoral Ministries
- Philosophy
- Photography
- Physics
- Political Science
- Professional Writing
- Psychology
- Social Welfare
- Sociology
- Spanish
- Studio Art
- Theology
- Worship and Music Ministry
- Worship Leadership
- Youth Ministry

Academic Perspectives

Academic Load

Academic load refers to the total number of semester credits for which the student is registered during any one semester.

Twelve semester credits constitute a full academic load while 16 semester credits constitute an average academic load. Students may enroll for 19 credits without special permission. Students with a cumulative grade point average of 3.40 or above may enroll for 20 or 21 credits through a petition process with the approval of the Registrar.

Academic Petition Policy

A student who wishes to be granted an exception to a general academic policy may file a Special Academic Petition with the university Registrar. The Special Academic Petition is to be used for policies relative to (a) registration deadlines; (b) eligibility for upper-division credit; (c) academic load; (d) transfer credit; (e) university honors; (f) general education requirements; or (g) any other general academic policy.

Action of the Registrar: The Registrar will either grant or deny the petition and will notify the student in writing no later than seven days after receiving the completed Special Academic Petition.

If a student is dissatisfied with the action of the Registrar, the student may appeal the decision in accordance with the Academic Appeals Policy. The *First Appeal to Department Chair or Program Director* must be filed within twenty-one days of the action of the Registrar.

Academic Appeals Policy*

Appeals Process

Informal Appeal to Faculty Member. A student who believes that a faculty member has taken an adverse action against the student shall discuss the problem through an informal meeting with the appropriate member of the faculty. Such informal meeting need not be reduced to writing, and does not require a written decision from the faculty member. Any student who believes that the outcome of the informal meeting results in a decision of the faculty member which constitutes an adverse action may initiate a First Appeal by filing a timely notice of appeal with the faculty member's Department Chair or Program Director. Any failure by the student to bring such a first appeal within twenty-one days of the adverse action shall be deemed to be (a) a waiver by the student of any further appeal; and (b) a final action by the University.

First Appeal to Department Chair or Program Director. If a student is dissatisfied with the resolution determined by the faculty member under the Informal Appeal described above, the student may pursue a First Appeal, but only if the student files a Notice of Appeal

with the Faculty Member's Department Chair or Program Director within twenty-one days of the adverse action. Any such first appeal shall be determined by the Department Chair or the Program Director. The Chair or Director shall provide the student notice of a hearing (if any) regarding such First Appeal, and shall issue a written decision regarding such First Appeal within seven days of the Chair's or Director's receipt of the Notice of Appeal or the hearing, whichever is later. Any failure by the student to timely file such a Notice of Appeal shall be deemed to be (a) a waiver of any further appeal; and (b) a final action by the University.

Second Appeal to College Dean. If a student is dissatisfied with the decision rendered by the Department Chair or Program Director of the department of the University within which the appeal is taken, the student may pursue a Second Appeal to the College Dean, but only if the student files a Notice of Appeal with the College Dean within seven days of entry of the written decision of the first appeal. Any such Second Appeal shall be determined by the College Dean. The College Dean shall provide the student notice of a hearing (if any) regarding such Second Appeal, and, if a hearing occurs, shall issue a written decision regarding such Second Appeal within seven days of such hearing. Any failure by the student to timely file such a Notice of Appeal shall be deemed to be (a) a waiver of any further appeal; and (b) a final action by the University.

Third and Final Appeal. If a student is dissatisfied with the decision rendered by the College Dean, the student may pursue a Third and Final Appeal, but only if the student files a Notice of Appeal with the Vice President for Academic Affairs within seven days of entry of the written decision of the Second Appeal. Within seven days of notice of the appeal the VPAA shall inform the College Dean of the appeal. The College Dean shall appoint an Academic Appeals Committee and appoint a chair. The Third and Final Appeal shall be determined by the Academic Appeals Committee. The chair of the Academic Appeals Committee shall provide the student notice of a hearing (if any) regarding such Third and Final Appeal, and the Academic Appeals Committee shall issue a written decision regarding such Third and Final Appeal within fifteen days of such hearing. Any decision by the Academic Appeals Committee shall constitute the final action of the University regarding the Academic Appeal.

Utah Residents: If you would like to file a complaint with the Utah Division of Consumer Protection, please refer to the information at <http://www.dcp.utah.gov/complaints/index.html>.

* The entire Academic Appeals Policy including definitions of terms is available in the Office of the Registrar.

Academic Standing

Students are considered in **good academic standing** with the University when their semester and cumulative grade point averages (GPA) are above the University standard. The University standard is 1.75 for first year students and 2.0 for sophomores, juniors, and seniors. Students on **academic warning** are considered in good academic standing. Students on **academic probation** are not in good academic standing with the University.

Provisionally admitted first year students who earn between a 1.0 and 1.75 during their first semester will be placed on academic probation during their second semester. Provisionally admitted first year students who earn below a 1.0 during their first semester will be **academically dismissed** from the University.

All other provisionally admitted students who earn less than a 2.0 GPA during their first semester will be placed on **academic probation** during their second semester.

Fully admitted first year students who earn less than a 1.75 GPA during their first semester will be placed on **academic probation** during the next semester.

Fully admitted first year students who earn less than a 1.75 GPA during their second semester *only*, with a cumulative GPA above 1.75, will be placed on **academic warning** during the next semester.

Fully admitted first year students who earn a cumulative GPA below 1.75 for *two consecutive* semesters will be **academically dismissed** from the University.

Sophomores, juniors, and seniors whose semester GPA falls below 2.0, and whose cumulative GPA is above 2.0 will be placed on **academic warning for one semester**. *Students on academic warning are considered to be in good academic standing.*

Sophomores, juniors, and seniors whose semester GPA falls below 2.0 for two consecutive semesters will be placed on **academic probation**.

Sophomores, juniors, and seniors whose cumulative GPA falls below 2.0 will be placed on **academic probation**.

While on **academic probation**, if a student's semester GPA falls below 2.0, while the student's cumulative GPA is at or above 2.0, the student will be placed on **continued academic probation**.

While on **academic probation**, if a student's semester GPA, and cumulative GPA fall below 2.0, the student will be **academically dismissed** from the University.

Academic progress is reviewed by committee following each term (fall, spring, summer). If a student's grades were hindered by unforeseen circumstances, the student may appeal the dismissal through written communication to the **Academic Progress Committee (APC)**. The process of appeal does not guarantee reinstatement.

Students who have been academically dismissed may re-enroll at NNU after providing an official transcript showing a minimum of 12 college-level credits earned with a GPA of at least 2.0 from another accredited college or university. Academic standing is determined solely by the student's NNU cumulative GPA.

NNU summer sessions may be utilized as a means of raising a student's GPA to meet the University's standard for "good academic standing" prior to the beginning of fall semester. The student must submit a written letter of appeal to the APC specifically requesting a postponement in the decision of the APC until the completion of summer session courses. If

the postponement is approved, the APC will re-evaluate the student's academic standing after summer session grades have been posted. All summer sessions combine to equal an academic term.

Academic policies only apply to academic standing, and may not be the same as those used to determine eligibility for other areas (i.e., financial aid, NCAA athletics).

Academic Integrity

Northwest Nazarene University seeks to establish academic integrity within the University community. Such integrity is fundamental to the principles of the Judeo-Christian tradition and is consistent with the nature and culture of Northwest Nazarene University. This serves to promote the desired values of truth, transformation, and community by fostering a spirit of honest intellectual inquiry. The University has identified the following as unacceptable practices, regardless of the environment in which they occur (face-to-face, online, or blended classrooms). These practices include, but are not limited to:

1. Cheating in its various forms, whether copying another student's work, allowing your own to be copied, completing work, in whole or in part, for another student, using unauthorized aids on an assessment, having someone else take an exam for you (in class, take-home, or online), submitting as your own another person's work, rescheduling an exam relying on a false excuse;
2. Plagiarizing, e.g. presenting as your own the words or ideas of another person, including inadequate documentation of sources (electronic, Internet, or print) and excessive dependence on the language of sources even when documented, relying on a similar order of sentences while altering a few words or word order;
3. Submitting the same work from a current or previous course or assignment without prior written approval from the professor;
4. Using copyrighted material without appropriate citation or copying software or media files (such as music, movies, etc.) without permission;
5. Checking into class for another student who is tardy or absent;
6. Fabricating data: This includes falsifying or manipulating data to achieve desired results, reporting results for experiments not done (dry labbing), or falsifying citations in research reports;
7. Denying other students access to academic information whether in the classroom, the library (by hiding books, for example), or a computer lab;
8. Destroying, altering, or tampering with another student's work to impede academic progress;
9. Obtaining course materials and/or problem solutions from a professor, student, or online source without professor authorization;
10. Falsely reporting completion of course requirements;
11. Altering, falsifying, or misrepresenting an academic document;
12. Communicating false information whether oral, written, electronic or nonverbal;
13. Forging signatures; and/or
14. Aiding others to violate any of the above practices.

Students who either witness or have knowledge of violations are responsible for informing the instructor or appropriate University personnel.

Any student who is identified in violation of the academic integrity policies outlined above during his/her college matriculation, is subject to the following discipline by the Vice President of Academic Affairs, in addition to actions taken by the respective professor:

1. First reported violation - professor's discretion (see below)
2. Second reported violation - failure in the course (if the student has not already failed the course)
3. Third reported violation - dismissal from the university

Faculty members must notify the student of her/his violation of the academic integrity policy and give the student an opportunity to respond. Because violations of academic integrity cumulatively lead to dismissal, faculty members are required to report each case to their Dean and to the Academic Affairs Office.

Additional Bachelor's Degree

Northwest Nazarene University offers three different undergraduate degrees: Bachelor of Arts (BA), Bachelor of Science (BS), and Bachelor of Science in Nursing (BSN).

A student may earn an additional bachelor's degree when the second degree contains 32 semester credits in addition to the total credits required for the first degree.

The following conditions will apply to the earning of an additional bachelor's degree:

1. All requirements for the second degree must be met.
2. A minimum of 16 credits, including at least 10 upper-division credits, must be taken at NNU.
3. A student who has not completed residency must complete at least 32 semester credits, including at least 10 upper-division, at NNU.
4. Theology 2100 must be taken.

Additional Major

To become a candidate for a second major, a student must complete all requirements in both majors.

Advanced Placement Credit

A maximum of eight (8) semester credits per course will be awarded for high school one year Advanced Placement courses.

Credit for AP exams is accepted (granted) as transfer credits from the Educational Testing Service. Original documentation from ETS is required and the credits are evaluated according to NNU standards.

College credit will be granted on the basis of scores 3, 4, or 5 made on the Advanced Placement Examination of the College Entrance Board. The number of credits granted will be determined by the NNU Registrar.

Credit will be granted as follows:

Test Name	NNU Equivalent	Credit
History of Art	ARDE1010 Survey of Art and Music	3
	Art Literature Elective	3
Music Learning and Literature	ARDE1010 Survey of Art and Music	3
	Music Literature Elective	3
Music Theory	MUSC1200 Music Theory I	3
	MUSC1220 Music Theory II	3
Biology	BIOL2220 General Biology I and lab (with a score of 3)	4
	BIOL 2220 and BIOL 2230 and labs (with a score of 4 or 5)	8
*Chemistry	CHEM2210 General Chemistry I and lab	4
*Calculus AB	MATH2510 Calculus 1	4
*Calculus BC	MATH2510 Calculus 1	4
Computer Science Principles	COMP1220 Introduction to Computer Science	3
*Computer Science A	COMP2220 Computer Programming I and Lab	4
*Physics 1	PHYS1110 College Physics I and Lab	4
*Physics 2	PHYS1120 College Physics II and Lab	4
*Physics C: Mechanics	PHYS2110 Physics for Science & Engineering I and Lab	4
*Physics C: Electricity & Mag	PHYS2120 Physics for Science & Engineering II and Lab	4
**English Lang./Comp.	English Elective Credit	6
**English Lit./Comp.	English Elective Credit	3
	Literature Elective	3
Microeconomics	ECON2410 Principles of Microeconomics	3
Macroeconomics	ECON2420 Principles of Macroeconomics	3
US Government and PS	POLS1010 American National Politics	3
	Political Science Elective	3
U. S. History	HIST2030 Conflict and Consensus: Am Hist to 1877	3
	U. S. History Elective	3
World History	Two World History Electives	6
French Language	FREN1010 Elementary French	6
French Literature	FREN1010 Elementary French	6
German Language	One Language Elective	6
Latin	One Language Elective	6
Psychology	PSYC1550 Introduction to Psychology	3
Spanish Language	SPAN1010 Elementary Spanish	6
Spanish Literature	SPAN1010 Elementary Spanish	6
Statistics	MATH2240 Elementary Statistics	3

*Must have a score of 4 or 5 to receive credit.

**Students with a score of 3 or higher on the English Language/Comp or the English Literature/Comp AP test will be placed in ENGL1030. These students will have the option to take an NNU English Writing Evaluation. A superior score on the NNU English Writing Evaluation will waive the ENGL1030 general education requirement.

Changes in Registration (Drop/Add)

Adding a course is permitted through the 6th day after the first day of class. Dropping a course is permitted through the 8th day after the first day of class without the transaction appearing as a 'W' on the student's permanent record. The last day to withdraw from a 14-15 week semester course is the 8th day after the midterm grade due date of each semester. The last day to withdraw from a quad course is the 20th day of each quad session.

A faculty member or administrator may drop or withdraw a student under the following circumstances:

1. At or before the scheduled days to drop or withdraw from a course if the student is not attending and not participating in the course.
2. Before the last day to add courses if the student does not meet the prerequisite or corequisite for the course.

The above policy does not reduce the responsibility of the student to maintain his/her schedule.

Class Attendance

At Northwest Nazarene University, class attendance is considered both valuable and important, and students are urged to honor this opportunity. A strong positive correlation exists between class attendance and academic performance. The University also recognizes the value of activities beyond the classroom, and that they may conflict with classes. Therefore, at this university:

1. Students are responsible to create, with help from their advisors, academic schedules consistent with their other activities.
2. Students are responsible to make arrangements with their instructors in advance of planned absences to insure that they understand how they should submit required work and acquire information from the classes missed.
3. University personnel responsible for activities that require students to miss class must advise students about the priority of the academic program. They should model this priority by providing advance notice about activities that conflict with class to the broader campus community and to their immediate supervisor.
4. The attendance policy for any specific class rests with the instructor. Individual course attendance policy and expectations must be stated in all syllabi. If the instructor determines that attendance directly affects the student's grade, accurate attendance records must be kept and made available to the student. The student is responsible to notify the professor of inaccuracies before the end of the semester.
5. Instructors and students are encouraged to find reasonable, mutually acceptable resolutions of conflicts and difficulties brought about by absences. Student appeals regarding attendance follow the general undergraduate academic appeal procedure.

Classification of Students

Students admitted to the university are classified as **Freshmen** until minimum requirements for a higher classification have been met.

For **Sophomore** standing students must have completed 28 semester credits and have a cumulative grade point average of at least 1.700.

For **Junior** standing students must have completed 60 semester credits and have a cumulative grade point average of at least 2.000.

For **Senior** standing students must have completed 90 semester credits and have maintained a cumulative grade point average of at least 2.000. Senior standing does not assure candidacy for a degree.

Post-Baccalaureate students are those who have received the baccalaureate degree and are registered for additional course work at the undergraduate level.

Course Numbering/Cancellation

In most departments the courses are arranged to cover a two-year-cycle; some courses are offered every year, others in alternate years, thus giving a wider range of electives over a two-year period than could otherwise be offered.

Numbering System:

0090-0999	Remedial elective university credit
1000-1999	Freshman level courses
2000-2999	Sophomore level courses
3000-3999	Junior level courses
4000-4999	Senior level courses
5000-5999	Professional development courses
6000-9999	Graduate level courses

Students may enroll in a course numbered one level higher than their classification.

Cancellation of Courses:

The university reserves the right to cancel any course at any time.

College Level Examination Program (CLEP)

The CLEP program may be used for granting university credits to those who demonstrate proficiency in specific subjects. The following are guidelines for accepting credits:

Credits earned by CLEP are granted to enrolled students. Such credits may be counted toward degrees but count as transfer credits and they may not be included in the residency requirement for graduation.

Six semester credits will be given for each of the five areas of the CLEP General Examination wherein a student scores a 50 or above: English Composition, Mathematics, Humanities, Natural Sciences, and Social Sciences and History. A maximum of 20 semester credits will be allowed for CLEP General Examinations.

No grades or quality points will be assigned CLEP credits.

A student may not receive credit through CLEP for a course which is a prerequisite for a course already taken nor for an equivalent university course already taken.

Credit by Local Examination

Credit by examination may be desirable for enrolled students who have had prior experience with the subject matter of a course offered at NNU. The student petitions for credit by examination when he/she decides, in conference with the professor for the course, that it is advisable. This is to be done prior to and instead of registering for the course. Credit by examination is allowed only in exceptional cases. Credit by examination is not counted as part of the student's academic load for a semester. Credit by examination is not normally permitted the semester of graduation.

Credit for Military Experience

Credit for experience in the armed forces of the United States may be allowed in accordance with the recommendations of the American Council on Education. Credit is not granted for courses which are vocational or technical in nature. Official documents covering the work must be submitted to the Registrar for evaluation.

Dantes Subject Standardized Tests (DSST)

The DSST program may be used for granting university credits to those who demonstrate proficiency in specific subjects, which have been designated by department chairs as meeting specific general education or major requirements.

The recommendation by the American Council on Education for designated passing scores and lower and upper division credit values will be used to issue university credits.

International Baccalaureate Program (IB)

Credit will be granted for individual Standard Level (SL) or Higher Level (HL) courses completed with a score of 5, 6, or 7. Five lower-division credits will be granted for each course. Students will not receive credit for English Language B (language acquisition) courses.

Students earning the International Baccalaureate Full Diploma will receive five credits for each course completed, for a total of 30 credits. No credit will be granted for the Theory of Knowledge (ToK) course.

Maximum Credits for Non-Classroom Experience

A maximum of 25 percent of the total credits required for a degree (31 credits) may be earned using CLEP, DSST, Advanced Placement, International Baccalaureate, and credit by examination.

Degree Requirement Substitution or Exemption

Only the Registrar may make any substitutions or exemptions within the General Education Program for degrees.

Any substitutions for specific courses required for a particular program fulfilling concentrations, major, or minor requirements may be made only by the administrator or administrators of the program in consultation with the appropriate department chair.

Directory Information

The Family Educational Rights and Privacy Act (FERPA) enacted in 1974 advises institutions to comply with policy concerning the release of directory information. NNU follows the FERPA guidelines of disclosure of personal information.

Directory information is considered not harmful and does not invade student privacy. Students may request that directory information not be disclosed by contacting the Assistant Registrar in the Emerson Administration Building, Room 10, or at bawilhite@nnu.edu.

Name	Address
Telephone	E-mail Address
Major	Dates of Attendance
Enrollment Status	Degrees/Awards Received
Photographs	Recent School Attended
Height/Weight of Athletes	School Activity Participation

Non-Directory Information is personally identifiable information and is not given without written consent from the student.

Student ID Number	Ethnicity
Social Security Number*	Nationality
Date/Place of Birth	Gender
Race	

*Northwest Nazarene University requests the voluntary submission of student Social Security Numbers to assist in validating students, administering student financial aid programs, collecting student debts, and reporting under the Tax Relief Act of 1997.

Eligibility to Compete and/or Perform

Students who wish to compete and/or perform in intercollegiate and/or school-sponsored activities and/or academic courses which require audition and performance must be enrolled for at least 12 credits, be in good academic standing, and meet the specific academic standard of the group in which participation is sought.

Intercollegiate Athletic Eligibility

Northwest Nazarene University includes the following sports in its intercollegiate athletic program:

Men - baseball, basketball, cross country, golf, soccer, and indoor and outdoor track and field.

Women - basketball, cross country, golf, indoor and outdoor track and field, soccer, softball, and volleyball.

The men's and women's teams are members of the NCAA Division II. Teams compete in the NCAA Great Northwest Athletic Conference (GNAC). The individuals and teams compete for conference and regional championships, which may qualify them for national competition.

Students who wish to compete in intercollegiate athletics must be enrolled full time (typically a minimum of 12 semester credits, with exceptions for undergraduate students in their last semester on schedule to graduate and students enrolled in a graduate program). Other requirements to compete include:

1. As a freshman, being registered with and declared qualified by the NCAA Eligibility Center.
2. Meeting all academic and general eligibility requirements as outlined in the NCAA Division II Manual and as required by GNAC and NNU. GNAC and NNU require a cumulative GPA of 2.00 be achieved and maintained to be eligible to compete, which takes precedence over lower NCAA standards.

Freshmen student-athletes who do not meet all academic requirements to compete may be allowed to participate in designated activities (competition not included) depending on their status of "Partial Qualifier" or "Nonqualifier" as outlined in Bylaw 14.3 of the NCAA Division II Manual, "Freshman Academic Requirements." Transfer student-athletes who do not meet all academic requirements to compete may be allowed to participate in designated activities (competition not included) as outlined in Bylaw 14.5 of the NCAA Division II Manual, "Transfer Regulations." Student-athletes who do not maintain all academic requirements to compete may be allowed to participate in the same activities (competition not included) designated for a freshman "Partial Qualifier."

Student-athletes may not compete in more than four seasons in any one sport.

Grade Reports

Grades are distributed to students at the end of the semester through the "my.nnu.edu" web-based portal system. A parent may be given a student grade report even though a student denies parental access if the student can be identified as a dependent.

Grading System

The academic work of the student is graded in accordance with the following system. Grade points per credit and an explanation of the grading system are also listed.

Grade	Explanation	Points
A	Distinctly superior or exceptional work	4.0
A-		3.7
B+		3.33
B		3.0
B-		2.7
C+	Meritorious work	2.33
C		2.0
C-		1.7
D+		1.33
D		1.0
F	Less than satisfactory work but passing	0.0
P	Failing work	
I	Passing work	
IP	Incomplete work ("I" must be followed by a letter grade)	
L	In progress	
X	Long semester	
W	No final examination ("X" must be followed by a letter grade)	
LC	Withdrawal	
CR	Lab credit	
NC	Credit	
AU	Non-credit	
	Audit	

A grade of F indicates failure and necessitates a satisfactory repetition of the course before credit can be allowed.

In approved classes a grade of P may be assigned.

A grade of I or X indicates incomplete work.

An incomplete may be given when, because of extreme circumstances, a student requires an extension of time to complete course work. An I may be granted only by petition, which the student may initiate through the professor or the professor may initiate on a student's behalf. The request must be approved by the Registrar. When an I or X is submitted, it will always have a suffix grade attached which the student will receive if no further work is done for the course, e.g. ID or XF. If the incomplete is not made up by the close of the semester following the one in which the mark was incurred, the prefix I or X will be dropped from the grade unless an additional request is made to have the period of the incomplete extended. An instructor may request that the student make up the deficiencies before the end of the semester.

On a pass/fail grade an "IP" may not be assigned. The only incomplete grade that can be assigned to a pass/fail course is "IF".

A grade of L may be given only in courses which require more than one semester to complete. The L grade will be replaced by either a P grade or a point-receiving grade upon course completion. An L grade will not normally extend beyond one calendar year unless an additional request is made and granted through the Registrar's Office to have the period of time extended. If one calendar year elapses and no extension is filed, the L grade will revert to a grade based on a student's current standing in the course as designated by the professor.

A grade of W is always recorded when a student has withdrawn according to prescribed procedures. Ordinarily, no withdrawals will be granted after the Friday of the eighth week of the semester.

No credit is awarded for a course receiving a grade of W. The W, S, I, L, X, and K are neutral grades and no quality points are given for them. The grade point average of a student is determined by dividing the total number of quality points earned in any semester by the total number of credits in his or her academic load, excluding neutral course units.

Honor Society

Phi Delta Lambda is the bachelor's level national honor society of the colleges and universities of the Church of the Nazarene. The faculty of Northwest Nazarene University has set the following standards for inclusion in the local Delta Chapter of this society: a favorable two-thirds vote of the faculty, good character, graduation in the upper 15 percent of the present graduating class, and a cumulative grade point average of 3.50. Students must have earned 60 semester credits at NNU or have transferred to Northwest Nazarene University with a CUM GPA of 3.5 or higher to be eligible for Phi Delta Lambda.

Honors at Graduation

Honors are awarded to bachelor degree students according to the following criteria:

Summa Cum Laude is awarded to students with a cumulative grade point average at or above 3.900. Magna Cum Laude is awarded to students with a cumulative grade point average between 3.750 and 3.899. Cum Laude is awarded to students with a cumulative grade point average between 3.500 and 3.749. Students must have completed at least 60 semester credits at Northwest Nazarene University or have transferred to NNU with a CUM GPA of 3.5 or higher to be eligible for honors at graduation.

Non-Credit Classes

With the consent of the Registrar, the instructor concerned, and upon payment of a non-credit fee, individuals may enroll in approved courses on a non-credit basis if space is available in the course. Historically this type of non-credit enrollment has been for auditory involvement: individuals "audit" courses so they can listen to course lectures and classroom interaction. Those who are 60 years of age or older may enroll in non-credit courses without paying a non-credit fee, pending consent from the Registrar and the instructor concerned.

Anyone who audits courses to fulfill their educational requirements for ordination will be required to pay the Course of Study tuition fee in addition to the non-credit fee.

Individuals who enroll in a course on a non-credit basis may not receive credit for the course without re-enrolling in the course and completing all regular course requirements.

Semester Credit

One semester credit is a quantitative measure representing a class meeting once a week for 14 weeks for 55 minutes together with out-of-class preparation of approximately two hours per credit, per week, or the equivalent.

Quad Credit

Quad Credit (2 semester credits) is a quantitative measure representing a class meeting three times a week or two long periods for a period of 7 weeks, with out-of-class preparation of approximately eight hours per week, or the equivalent.

Official Enrollment

Official enrollment at Northwest Nazarene University means that a student has registered for a schedule of classes and has cleared his/her student account with the Business Office.

Registration dates are found in the official university calendar published in this catalog and elsewhere.

Instructions for registration will be furnished to each student prior to the time of registration.

A final registration period of one or two days is scheduled at the beginning of each semester. A \$100 late registration fee will be charged for completion of registration after this designated time.

Repeated Courses

Students may repeat courses which they previously completed. Credit is allowed only once, and the credit earned and grade point average will reflect the most recent grade. While the original course and grade remain on the permanent transcript, they are not used to calculate credits earned or the cumulative grade point average. Courses that may be repeated for credit are so designated in their course description. If a student desires to replace an NNU course with a transfer course, a petition for a course repeat must be filed with the Registrar before enrolling in the course.

Recommendations

Satisfactory completion of the prescribed academic curriculum does not in itself guarantee the recommendation of a student for entrance into a profession or professional school. The work habits, personality, and character traits of the student, as well as scores on examinations, may be considered in addition to his or her academic record. The completion of the recommendation is done at the sole discretion of the faculty member.

Student Access to Records

Northwest Nazarene University is in compliance with the Family Educational Rights and Privacy Act of 1974. Any student at Northwest Nazarene University may personally inspect, review, and have a copy made of any record kept on him or her. Where information regarding a student is commingled with that relating to other students, the student may have the information concerning only herself or himself transmitted orally. Anything in a student's record, which the student does not understand, will be explained. The records are reviewed, and materials expunged, periodically.

In order to protect the right to privacy, the university will not make any personally identifiable records available, without the student's written consent, to anyone other than NNU officials with a legitimate educational interest, officials of other schools to which the student has applied, certain government officials, and certain persons in connection with an application for financial aid.

If a student concludes that his or her record contains inaccurate, misleading, or otherwise inappropriate data, the student may request an informal meeting with the appropriate administrator to see if, through discussion, a satisfactory agreement can be reached concerning correction, explanation, or deletion of material.

If satisfactory agreement cannot be reached informally, the student may proceed with the university appeal process. The claim of incorrectness must be proved before any material will be removed. The result of the judicial process will be provided to the student in writing within a reasonable period of time and is final.

Semester Length

A semester consists of approximately 14 weeks of instructional class days plus a final examination period, usually four days in length.

Transcript of Academic Record

Students may review their academic records upon request and presentation of photo identification. Students may have an official transcript of their record prepared upon receipt of appropriate payment and an online request form located at registrar.nnu.edu/transcript. Such official transcripts will be supplied only when the student's account is in good standing. **Usually a minimum of five business days is required for processing official transcripts.**

The official transcript, which is dated, stamped with the Registrar's signature, and sealed, is normally acceptable evidence of educational background to other institutions.

Transfer of Credits

Northwest Nazarene University accepts the following transfer credits:

- University-level credits earned in academic degree programs at colleges and universities accredited by regional accrediting associations
- Credits earned at Bible Colleges accredited by the Association of Biblical Higher Education (ABHE) are accepted at the lower division level
- Credits earned at an international college or university that have been evaluated by a member of the National Association of Credential Evaluation Services (www.naces.org)
- Credits earned at non-regionally accredited colleges and universities which are accredited by an organization recognized by the Council for Higher Education Accreditation (CHEA) are granted on a case by case basis through the Special Academic Petition process

The following policies apply to the acceptance of transfer credits by Northwest Nazarene University:

- Credits must be presented on an official transcript from the institution granting the credit
- Credits are not accepted in which a grade lower than C- (1.70) was received
- Remedial and developmental level courses are not accepted
- Credits earned in vocational or technical programs are not generally accepted
- A transfer student's classification is based on the total number of credits accepted
- A maximum of 62 semester credits may be transferred from two-year colleges
- The cumulative grade point average is based only on grades received at Northwest Nazarene University

Questions regarding the transfer of credit should be directed to the Office of the Registrar.

Phone: 208.467.8542

E-mail: registrar@nnu.edu

Transfer of Associate of Arts Degree

A student who enrolls at Northwest Nazarene University with an Associate of Arts Degree from a regionally accredited institution completed prior to admission will receive:

1. Junior standing
2. Transfer credit up to a maximum of 62 semester credits
3. Waiver of all general education requirements, with the following exceptions:
 1. BIBL1100 or an elective in Bible Literature (3 credits)
 2. THEO2100 Introduction to Christian Theology (3 credits)
 3. KINE1000 Fundamentals of Wellness (1 credit)
(An equivalent transfer course may be substituted for this requirement)
 4. HUMN4010 Capstone (1 credit)
 5. Cross Cultural Experience: Transfer students are required to complete 2 points of Cross Cultural Experiences (one Level 2 or two Level 1 experiences).
 6. Math Proficiency
 7. All students defined as freshmen by IPEDS must complete the Cornerstone course. This includes all students who have graduated from high school the year prior to enrollment at NNU, regardless of the number of college credits or degrees earned while in high school.

Note: A two-year Transfer Degree does not guarantee bachelor degree completion within two years. Course prerequisites, course sequencing, and upper division requirements must also be met.

Transfer students are encouraged to contact the Registrar's Office to determine applicability of their coursework to a specific bachelor's degree. General information can be given over the toll free number 1- 877-NNU-4-YOU. A complete transcript evaluation is available by sending the request with an official copy of the university transcripts to: Registrar's Office, Northwest Nazarene University, 623 S University Blvd, Nampa, ID 83686.

The minimum number of credits required to complete a degree is 124 semester credits of which 32 must be upper-division (courses numbered 3000 and above). For a complete listing of the undergraduate degree requirements, refer to the previous chapter.

Drop from Courses

Students, who "drop" a class, must do so before the 8th day after the first day of classes in any semester. Students may drop a course through the portal (my.nnu.edu) or complete a course drop form available in the Office of the Registrar. Dropped classes will not be recorded on the permanent record.

Withdrawal from Courses

Students desiring to "withdraw" from courses by the 8th day after midterm exams in any semester must complete a course add/drop form available in the office of the Registrar. Withdrawals will be recorded on the permanent record as a "W" and will not be granted after the 8th day following the midterm grade due date of the semester.

Withdrawal from University

Students who find it necessary to withdraw from the university before the last class session prior to final exams must secure a Withdraw from School Form from the Center for Academic Success and Advising. These forms must be properly and satisfactorily completed, signed, and filed. An exit interview is required with the offices of Academic Success and Advising and Student Development.

Special Programs and Study Opportunities

College/High School Integrative Programs - NNU Bridge Academy

Concurrent Credit Program:

The Concurrent Credit Program at Northwest Nazarene University is designed to enrich the educational opportunities of pre-college students who have demonstrated high academic ability. This program unites the services of NNU with high school and home school students, offering university-level credits for selected courses administered through NNU and taught at local and online high schools by NNU-approved instructors. The Concurrent Credit Program is fully accredited by the National Alliance Concurrent Enrollment Partnerships (NACEP). Tuition is determined yearly.

Express Education Program:

The Express Education Program at Northwest Nazarene University is designed for high school students who wish to enroll in university classes while maintaining their enrollment and participation in high school or home school. Express students travel to NNU and attend classes with traditional undergraduate students. This program allows the student, at least 16 years old or high school junior status, to enroll in any 1000 or 2000 level course, provided they meet the prerequisites. Tuition is determined yearly and includes an ID card, technology fee, access to the library, sports center, athletic events, and computer labs. Books are purchased separately.

An Express Education student (from high school or home-school):

1. Must be 16 years old, junior or senior standing, or equivalent.
2. Must have a GPA of 3.5, or ACT composite score of 18.
3. Is limited to 11 credits per academic semester and may apply for admission as a "temporary non-degree student" subject to noted policies and tuition/fees.
4. Is allowed to enroll for summer school, but subject to Summer School policies and tuition/fees.
5. Is able to enroll in any 1000 or 2000 level course, provided they meet the prerequisites and provided there is availability.
6. Must enroll in courses by the first day of NNU registration. Early registration is suggested, although traditional undergraduate students have priority of classes.
7. May take a Course Audit; however, this will require an Academic Petition and all associated fees.
8. May be involved in an ELI course.
9. May take lessons (i.e., music) but would pay all usual fees associated with lessons.
10. Must pay EE (Express Education) tuition upon registration (first day of class) which is non-refundable unless the student is prohibited from enrolling in the course due to class size, etc.
11. Does not receive financial aid.
12. Must pay all additional fees related to a specific course (i.e., any related lab fee(s), or any other materials needed for the course) including textbooks.
13. Must follow and note that all deadlines are the same as NNU undergraduate, along with drop/withdrawal deadlines, final exam schedule, etc.
14. May be asked to meet with the High School Program Director if that student is failing, or has failed a class, to discuss course issues, including probation and or continuance.
15. Must assume responsibility to coordinate their high school and EE courses at NNU. Course equivalency is between the student and the high school administration.
16. Must have approval of parent/guardian, who will sign the Parental Consent on the Registration Form.
17. Must complete all necessary forms including Registration Form and Lifestyle Agreement Form and submit a High School Transcript and/or Test Scores.
18. Will receive an NNU Transcript noting course completion, upon request and payment. Transcripts may be ordered from the NNU Registrar's Office or may be ordered online via the NNU website. All transfer of credits is the responsibility of the student.

Individualized Major

The Individualized Major leads to the Bachelor of Arts or Bachelor of Science degree. It provides an individually designed major study plan for those students whose objectives cannot be met by the normal major study programs. A department chair selected by the individual student administers the program.

Requirements: A major study plan is prepared cooperatively by the sponsoring faculty member and the student, to be completed no later than the first semester of the junior year. The plan will be presented to the Academic Council Undergraduate for approval. Only those plans exhibiting unusual merit will be approved. The guidelines for the minimum and maximum number of credits for each individualized major are listed below:

Major	Minimum Credits	Maximum Credits	Upper-Division Requirement
Departmental Major	30	50	22
Interdepartmental Major	40	60	27

Honors College

Northwest Nazarene University is committed to academic and intellectual excellence, and the NNU Honors curriculum is designed to provide intelligent, passionate, and eager students with challenges and opportunities that will allow them to meet their intellectual goals. The Honors College at NNU offers teaching excellence, small seminar-style classes, and innovative courses in its core curriculum such that students in the Honors College form a cohesive learning group. Core courses that offer general education credit, symposia, and undergraduate research are the key elements in this program. Enrollment is limited. In addition to standard admission requirements, students must apply for and receive admission to the Honors College.

For more information, contact Dr. Steve Shaw at skshaw@nnu.edu.

Summer Session

Summer Session is designed to provide both core and elective courses that will allow students to get ahead. It also provides opportunity for students to enhance their academic profile by taking elective classes of interest and to study under professors they are unable to in a Fall/Spring schedule. Incoming freshmen, transfer students, and students from other universities are welcome to take Summer Session at NNU.

Department Of Military Science

Objective: The Senior Army ROTC program will provide world-class leadership training to transform Scholar - Athlete - Leaders at Northwest Nazarene University into commissioned officers prepared to lead a small group upon arrival at their first assignment in the United States Army, Army Reserve, or Army National Guard.

General: NNU is affiliated with the Senior Division, Army Reserve Officer Training Corps (ROTC) of Boise State University. The ROTC program is offered to students who have the desire and ability to become commissioned officers in the United States Army Reserve, National Guard, or Regular Army. Participation in the program is voluntary for the first two years.

The complete program of instruction comprises of four years and one 29-day summer leadership course or two years and two summer leadership courses.

A complete statement of requirements is available in the Military Science office, located in the Emerson Administration Building. Phone number:(208) 467-8390.

Financial Assistance

Each contracted student receives an allowance of \$300 - \$550 per month for up to ten months during the school year. Summer Leadership course pay is in addition to meals, quarters, medical/dental, and travel pay and is \$775 (approximately). Two and three year scholarships are available to qualified students.

Study Abroad & Off-Campus Study Opportunities

NNU is affiliated with a number of other institutions and consortia that provide opportunities for students to study off-campus in locations around the world.

For more information regarding all off-campus study opportunities, please visit offcampusopps.nnu.edu.

NOTE: All international study abroad opportunities are subject to the U.S. Department of State Travel Advisories and the NNU International Safety Commission.

CCCU Programs

NNU is affiliated with the Council for Christian Colleges and Universities (CCCU). It is an association of 117 members in North America and 65 affiliate institutions in 20 countries and offers the following semester and summer programs to students of its member institutions. The programs offer a unique opportunity for students to make the world their classroom. These interdisciplinary learning opportunities are available to second-semester sophomores, juniors and seniors. For more information, contact the Study Abroad Advisor, 208.467.8875 or offcampusopps@nnu.edu.

Students studying in CCCU programs that are officially recognized by NNU may be eligible to remain enrolled as NNU students while studying off-campus. Information about these programs is also available at www.bestsemester.com.

CCCU International Programs:

Students interested in these international programs should contact the Study Abroad Advisor, 208.467.8875.

Australia Studies Centre (ASC)

The Australia Studies Centre (ASC) is offered in partnership with Christian Heritage College (CHC), a CCCU affiliate member in Carindale, a suburb of Brisbane, Queensland. The ASC is

designed to integrate the firsthand observation and study of Australian culture, history, religion, politics and indigenous cultures together with experiential service learning and formal instruction in Christian Studies, Business Ministries, Social Sciences and Education and Humanities. Every student is required to take “The View from Australia: Issues in Religion, Politics, Economics and Cultural Values” and required to select either “Australian Aboriginal Cultures” or “Indigenous Cultures in Australia & Aotearoa (New Zealand)”. Additionally, students choose electives from CHC offerings in the School of Christian Studies, Business, Education & Humanities, Ministries, and Social Sciences. Students live with Australian families and volunteer with local community service providers. Trips vary from semester to semester but may include excursions to the Australian Outback, Aboriginal Communities and New Zealand. **ASC students earn 16 semester hours of credit.**

Latin American Studies Program (LASP)

Based in San José, Costa Rica, the Latin American Studies Program introduces students to a wide range of experiences through the study of the language, literature, culture, politics, history, economics, ecology and religion of the region. Through living with local families, students become a part of the day-to-day lives of Latin Americans. Students also take part in a practicum/internship and travel to nearby Central American nations. Students participate in one of four concentrations: Latin American studies (offered both Fall and Spring terms); advanced language and literature (designed for Spanish majors and offered both Fall and Spring terms); international business (offered only in Fall terms); and environmental science (offered only during Spring terms). Depending on their concentration, students travel to nearby Central American nations including Nicaragua, Guatemala, Cuba and Panama. **LASP students earn 16-18* semester hours of credit.**

Oxford Summer Programme (OSP)

The Oxford Summer Programme allows students, as affiliate members of Wycliffe Hall, University of Oxford, to do intensive scholarship in the oldest university in the English-speaking world. During the five-week programme, students hone their research and writing skills and delve into the areas that interest them the most while exploring the relationship between Christianity and the development of the British Isles. Seminars and tutorials are given on specialized topics under expert Oxford academics in the areas of English language and literature, history, including the history of art and history of science, philosophy, theology and the study of religion. The programme is structured for rising college sophomores, juniors, and seniors, graduate and seminary students, non-traditional students, teachers, and those enrolled in continuing education programs. **OSP students earn 6 semester hours of credit.**

Scholars’ Semester in Oxford (SSO)

The Scholars’ Semester in Oxford is designed for students who want to study intensively and to a high standard. Students develop their academic writing and research skills and explore the disciplines and interests of their choice. As visiting students of Oxford University and members of Wycliffe Hall, students study in the oldest university in the English-speaking world. SSO students enroll in a primary and secondary tutorial, an

integrative seminar and the British landscape course. Second term students write a thesis on a topic of their choice. Students group their work in a concentration so that all elements of their programme work together. SSO is designed for students interested in art history, classics, English language and literature, history, modern languages (French, German, Italian, Portuguese, and Russian), musicology, philosophy, psychology and theology, though all majors may apply. SSO also offers 18 thematic or integrative concentrations such as history and philosophy of science and social sciences. Applicants are generally honors students and other very high-achieving students, and must have at minimum a 3.7 GPA to be considered for the programme. ***SSO students earn 17 semester hours of credit for a semester and may complete two semesters of the programme.***

Uganda Studies Program (USP)

The Uganda Studies Program provides students with both immersion in a local community and broad exposure to a variety of people and places in Uganda. USP is offered in partnership with Uganda Christian University (UCU), an international affiliate member of the CCCU located 15 miles east of the capital city of Kampala. Students either live on campus at UCU or with host families within walking distance of the university. All students will also participate in one or two short homestay experiences. As a result, a spectrum of Ugandan relationships give USP students a firsthand perspective as they explore issues such as poverty, cultural expressions of Christianity and missions, and as they seek to reconcile the realities of East Africa with their Christian faith. Students also spend time in Rwanda and rural Uganda. The experience-based and practicum courses are taught by CCCU faculty while the African Context courses and courses from the UCU curriculum are taught by UCU faculty. In addition to the core experiential course, students will choose additional elective and/or African Context courses. USP Offers a Social Work emphasis for declared social work majors at the practicum level.

USP students earn up to 16 semester hours of credit.

CCCU U.S. Programs:

Students interested in these stateside programs should contact, Dr. Steve Shaw, 208.467.8878.

American Studies Program (ASP)

Since 1976, The American Studies Program has served as an experiential learning laboratory for students committed to connecting their faith to public affairs. Nearly 500 of ASP's 3,000+ alumni have returned to work in the DC metro area in a variety of professional fields—private and public, for-profit and non-profit. Each student enrolls in the program's two practicum courses: Internship and Topics in Leadership & Vocation. Students have the option of enrolling in a one-credit Professional Mentorship course. In addition, students apply to the Global Economy track, the Public Policy track, or the Strategic Communication track. The Global Economy track focuses on partnership initiatives taken by leaders in commercial, governmental and non-governmental organizations as they explore the impact they can achieve by collaborating on issues of sustainable development worldwide. The Public Policy track equips and supports students in their analysis of a pressing public policy issue. Each student produces original research

by engaging area experts and practitioners off-site and in the classroom as they investigate the local, national and global factors that influence policy-making in Washington, DC. The Strategic Communication track engages strategic communication professionals working in Washington, DC to explore contemporary issues and ethics in strategic communication and conduct case studies in crisis communication. ***ASP students earn 15–16 semester hours of credit.***

Contemporary Music Center (CMC)

The Contemporary Music Center provides students with the opportunity to live and work in the refining context of community while seeking to understand how God will have them integrate music, faith and business. The CMC offers three tracks: Artist, Business and Technical. The Artist Track is tailored to students considering careers as vocalists, musicians, songwriters, recording artists, performers and producers. The Business Track is designed for business, arts management, marketing, communications and related majors interested in possible careers as artist managers, agents, record company executives, music publishers, concert promoters and entertainment industry entrepreneurs. The Technical Track prepares students for careers in live sound, concert lighting and studio recording. Students within each of the tracks receive instruction, experience and a uniquely Christ-centered perspective on creativity and the marketplace, while working together to create and market a recording of original music. Each track includes coursework, labs, directed study and a practicum. ***CMC students earn 16 semester hours of credit.***

Los Angeles Film Studies Center (LAFSC)

Founded in 1991, the Los Angeles Film Studies Center trains students to serve in various aspects of the film industry with professional skill and Christian integrity. Each semester, students live, learn and work in L.A. The curriculum consists of two required seminars: Hollywood Production Workshop (a film production course), and Faith and Artistic Development in Film, focusing on the role of film in culture and the relationship of faith to work in this very influential industry. In addition, students choose one elective course: screenwriting, acting, film production, or independent study. Internships in various segments of the film industry provide students with hands-on experience. The combination of the internship and seminars allows students to explore the film industry within a Christian context and from a liberal arts perspective. ***LAFSC students earn 16 semester hours of credit.***

Nazarene Sister University Programs

International Sister University Programs:

Africa Nazarene University (ANU)

Africa Nazarene University is located in Nairobi, Kenya. The university offers undergraduate majors in religion, computer science, and business administration. In addition to courses related to these majors, ANU offers a wide range of general education courses. NNU students desiring to study at ANU for one semester should gain approval from the student's advisor and the NNU registrar for the courses to be taken at ANU to assure the credits earned will meet one or more of NNU's graduation requirements.

Ambrose University College (AUC)

Ambrose University College is located in Calgary, Alberta, Canada. The college offers several degree and diploma programs, including: Diploma in College Studies, General Studies, Religious Studies, Church Music, Youth and Family Studies, and Theology. Under the student visitation agreement, students from AUC or NNU might attend the other institution for one semester to study under a particular faculty member, to engage in a particular program of study, or to study in another part of North America.

Korea Nazarene University (KNU)

Korea Nazarene University is a four-year university located in Cheonan City about 50 miles south of Seoul, the capital of the nation. The distinctiveness of the university is to provide a Christian educational environment while preparing students to take leadership in the 21st century global community. NNU students may choose to attend the normal curricular offerings of the university, which are focused around two undergraduate divisions and four departments. The Division of Computer Science has two majors: Computer Science and Computer Information Systems. The Division of Theology has three majors: Theology, Christian Education, and Missions. The four departments are English, Rehabilitation, Education of Children, and Music. The Music Department has two majors, Piano and Voice.

Nazarene Theological College of Australia (NTC)

Nazarene Theological College of Australia is a three-year college approved by the Ministry of Education of Queensland. It offers programs preparing scholars for various kinds of Christian ministries. Courses in Bible and Christian theology are available. Upon prior approval of the NNU advisor and the NNU registrar, courses taken by students at NTC may be transferred to NNU to meet certain NNU graduation requirements.

Quetzal Education Research Center (QERC)

In partnership with Southern Nazarene University, the Quetzal Education Research Center, located in San Gerardo de Dota, Costa Rica, educates students in field biology and research, while promoting biodiversity, sustainability and social responsibility. QERC works with students and researchers from around the world to educate and conduct research focused on the tropical cloud forest and its floral and faunal community. QERC integrates 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. QERC Consortium member universities, such as NNU, receive special rates and priority reservation for the use of QERC facilities. Space is also reserved in QERC's semester program for students at NNU.

Students interested in this program should contact Dr. John Cossel, 208-467-8893.

Seminario de las Nazareno Americas (SENDAS)

The Seminario de las Nazareno Americas is located just 5K from downtown San Jose, Costa Rica. The site is available for students and faculty who would like to pursue study abroad possibilities. For details, please contact the Study Abroad Advisor, 208-467-8875.

U.S. Sister University Programs:

Eastern Nazarene College (ENC) Quincy, Massachusetts
Mid-America Nazarene University (MNU) Olathe, Kansas
Mount Vernon Nazarene University (MVNU) Mt. Vernon, Ohio
Nazarene Bible College (NBC) Colorado Springs, Colorado
Nazarene Theological Seminary (NTS) Kansas City, Missouri
Olivet Nazarene University (ONU) Bourbonnais, Illinois
Point Loma Nazarene University (PLNU) San Diego, California
Southern Nazarene University (SNU) Bethany, Oklahoma
Trevecca Nazarene University (TNU) Nashville, Tennessee

Friendship Schools

These institutions in Asia and Latin America offer study abroad opportunities for students. Contact the Study Abroad Advisor, Dr. Justin Clardie, 208.467.8875.

Friendship Schools, Asia Region:

Business College of Shanxi University (BCSU)

Founded in March 2001, Business College of Shanxi University is located in a historic, cultural and famous city, Taiyuan, with a history of more than 2,500 years. Currently there are three secondary schools: Accounting school, Management school, and Information School. While inheriting the excellent schooling tradition of the centennial Shanxi University, our college has cautious and orderly teaching management and robust campus culture.

Dongseo University (DSU)

Dongseo University is located in Busan, South Korea. Dongseo is a Christian university with particular strengths in graphic design and film. It offers many of its courses in the English language. American students attending Dongseo have the opportunity to work as English tutors.

Kazak-American Free University (KAFU)

The Kazak-American Free University is in Ust-Kamenogorsk, Kazakhstan. NNU students have the opportunity to study undergraduate courses in business for one semester at the university. Instruction is given in English.

Northwest University

Northwest University, located in Xi'an Shaanxi, China, is the oldest institution of higher learning in Northwest China, and one of the leading comprehensive universities in China. The university offers courses in Chinese language and culture. Many of its core courses are offered in English. There are also opportunities for students to work as English tutors.

Shaanxi University of Chinese Medicine (SUCM)

Shaanxi University of Chinese Medicine is located in Xianyang Shaanxi, China. It is pleased to invite students from NNU to study short or long term. Students will enjoy the

extraordinary culture on this campus, located in the heart of central China. Specific courses are offered in English.

South China Normal University (SCNU)

South China Normal University was established in 1933 and is a comprehensive university in Guangzhou, capital of Guangdong province, in the People's Republic of China. The university is distinguished by both teaching and research, consisting of diverse branches of learning such as philosophy, economics, law, education, literature, history, science, technology and management.

Swan College, Central South University of Forestry & Technology (CSUFT)

Swan College of Central South University of Forestry and Technology (CSUFT), located in Changsha, is pleased to invite students from NNU to study and enjoy the culture on this picturesque campus located in the heart of Central South China. During specific terms of the year, courses will be offered in English by professors from NNU's Nampa campus.

Tibet University for Nationalities

Tibet University for Nationalities, located in Xianyang, China, was established in 1958. Although under the jurisdiction of Tibet, it is located in Central China and approximately half of the students are members of the Tibetan minority while the other half come from cities across Central China. The university is rich in culture and offers courses in Chinese language and culture. There are also opportunities for American students to work as English tutors.

Xianyang Normal University

Xianyang Normal University is located in Xianyang, China. It offers both short-term and semester-long courses in Chinese language, history and culture.

Friendship Schools, Latin America Region:

Universidad Internacional-Mexico

The Universidad Internacional, located in Cuernavaca, Mexico, offers students the opportunity to experience an intensive study of the Spanish language and Latin-American Culture. Because of the variance in background and instruction, all students are given a brief assessment of their oral and written skills in Spanish to assure they are enrolled at the appropriate level. Classes range from beginning through advanced levels. Advanced courses include literature, culture and history, linguistics and professional internships. Students at the undergraduate or graduate level in Spanish, International Business, Education, Social Work, Criminal Justice or other professions that require fluency in Spanish or competency in Hispanic culture will value this educational opportunity.

Other Off-Campus Study Opportunities

International Programs:

Arcadia Global Studies Program (Consortium)

NNU is affiliated with Arcadia University's College of Global Studies, a consortium that works with universities in Africa, Asia, Australia, Europe, Great Britain, Ireland, Latin America, New Zealand and Turkey. Arcadia offers international internship placements, service learning projects and quality study abroad programs for a semester or during the summer. As a consortium, Arcadia is able to provide significant flexibility to students who need major-specific courses that are difficult to find in other off-campus programs.

International Studies Abroad (ISA)(Consortium)

NNU is affiliated with International Studies Abroad, a consortium with connections to over seventy universities throughout Asia, Australia/New Zealand, and Europe. Internship, semester, and summer programs are available. In many cases, ISA has on-site staff available to provide immediate support to students. As a consortium, ISA is able to provide significant flexibility to students who need major-specific courses that are difficult to find in other off-campus programs.

Arctic Studies in Alaska-Houghton College

NNU students have the opportunity to participate in the Arctic Studies in Alaska program offered through Houghton College. The program, based at the Glennallen campus of Alaska Bible College, incorporates a core of four integrated courses in biology, anthropology, missions and recreation totaling 14 credits. Additional credits (up to a total of 18) from internships and independent studies are available in biology, recreation, intercultural studies, missions and business. This hands-on experiential semester (beginning August 1 and ending November 15) incorporates both theory and practice with numerous field trips and experiences in the local and more distant communities. Cross-cultural interactions with Native American communities (eight surround Glennallen) and local Alaskan life are the key component of the semester.

Jerusalem University College (JUC)

Jerusalem University College is an evangelical, nondenominational institution located on Mt. Zion in Jerusalem, Israel. It offers NNU students both graduate and undergraduate programs of study for periods of a year, a semester, or two or three-week courses during the summer. The programs of study seek to enhance the student's understanding of the Bible and the culture of the Middle East. Courses are offered in the history, archaeology, geography, languages, and religions of the Middle East, both ancient and modern. Applicants must have completed at least one year of college or university work with a 2.0 GPA or better. NNU has established an "associated school" relationship with JUC which allows students to transfer credit easily.

Students interested in this program should contact Dr. Rhonda Carrim, 208.467.8349.

Romanian Studies Program

Northwest Nazarene University offers students the opportunity to study one semester in Romania. The program is located in Sighisoara, one of the historic German cities in Transylvania. Students take 8 semester credits of Romanian Language and Culture and 8 semester credits of Cross-cultural Service Learning. Internships may be arranged in business, computers, religion, mission, youth ministry, and other fields. A maximum of 16 semester credits may be earned.

U.S. Programs:

Au Sable Institute of Environmental Studies

Au Sable Institute is a Christian institute whose mission is to bring healing to the biosphere and the whole of Creation. It offers academic programs in a variety of natural settings throughout the United States and the world from its home campus in Michigan. Northwest Nazarene University is an "eligible university," which allows students to enroll in Au Sable courses and internships. A variety of courses in environmental study and stewardship, including Environmental Ethics and Ecotheology, are offered at most locations. Most students enroll in summer sessions at the Great Lakes campus in the Great Lakes Forest in Michigan, the Pacific Rim Campus on Puget Sound in Washington, or the East Campus on the Chesapeake Bay in Virginia. International experiences are available at the Africa Institute for Scientific Research and Development at Olooseos near Nairobi, Kenya or Bishop Heber College in Tiruchirapalli, Tamil Nadu, and South Indian campuses. Course credit can be arranged through participating colleges or universities or by independent study at Northwest Nazarene University.

Student Life

Education involves not only the mind, but the development of the whole person, including the use of one's body, the management of emotions, the development of independence, the establishment of identity, and the development of purpose and integrity. Northwest Nazarene University is committed to the development of the whole person through the opportunities provided by a residential campus setting.

The commitment to the development of the whole person finds reality in numerous organized activities and programs including counseling and guidance, resident life programs, spiritual development, chapel, health services, social, recreational, and leisure time activities, intercollegiate and intramural sports programs, and a productive system of student government.

Campus Life

Each full-time undergraduate student is a member of The Associated Students of Northwest Nazarene University (ASNNU). The entire student body is organized for the purpose of carrying on the various student activities and encouraging involvement. The Student Government Association (SGA) serves as the Executive branch, a Student Senate is the Legislative branch, and Justices are selected to serve as the Judicial branch. There are numerous opportunities for involvement through class councils, committees, and various boards.

Lifestyle Expectations

The essential mission of Northwest Nazarene University is the development of Christian character within the philosophy and framework of genuine scholarship. NNU is a community committed to both developing scholars and growing Christians. Thus, each new student is encouraged to recognize the privilege of participating in a community committed to Christian scholarship. Behavioral expectations emerge because of the unique nature of this community.

All students are expected to live by the lifestyle guidelines as stated in the Student Handbook, which are based on the University's relationship to the Church of the Nazarene and the directives and guidelines established by it.

New students will receive a copy of the current Lifestyle Guidelines prior to their enrollment. The student is expected to read these policies. **The signature on the student application is an agreement to comply with the lifestyle guidelines of the university.** It is to be understood that the signed application is considered to be valid and binding throughout the period a student is enrolled at NNU. Any changes in campus policy from year to year will be identified in the revised Student Handbook online. All students are responsible to follow the policies outlined in the handbook. A copy is available on the web at www.nnu.edu/studenthandbook.

Any prospective student who feels he or she needs clarification of the printed regulations will have opportunity to discuss the matter with the Office of Student Life either prior to or at the time of registration.

In addition to the provisions of termination for misconduct, the University reserves the right, at the end of the academic semester, to deny re-enrollment or the right to access campus housing to any student when such action, approved by the President, is deemed to be in the best interest of the University or the student.

Clubs and Organizations

Students find outlets for their special interests in various campus organizations such as:

- Accounting Club
- Alpha Epsilon Delta (Pre-Med Honor Society)
- American Chemistry Club
- AMA (American Marketing Association)
- Angels (Ministry Club)
- Art Club
- Computer Club (ACM)
- Crusader League of Legends
- Enactus (SIFE)
- EPiC (Engineering and Physics Club)
- FCA (Fellowship of Christian Athletes)
- Filmmaker's Club
- International Justice Mission
- Journeys Outfitting Co. (Outdoors/Recreation Club)
- Music Club
- Sigma Tau Delta (English Honor Society)
- STAND Club (Advocacy/Ministry Club)
- Student Alumni Council
- SNA (Student Nursing Association)
- Swing Dance Club
- The System (Psychology Club)
- Vex (Robotics Club)
- Worship Ministries Club

Support Services

Counseling Center

Personal counseling is provided for students seeking understanding, support, and growth. Some of the areas addressed are student life, relationships, family concerns, personal issues (i.e., depression, abuse, addiction, etc.), premarital and marital counseling, and other issues of concern. NNU provides the Counseling Center as a free service and encourages its use.

The University offers a variety of opportunities, including:

1. Individual and couple counseling provided by licensed professional counselors, and/or supervised interns.
2. Co-curricular seminars covering issues such as safety, relationships, boundaries, suicide prevention and other pertinent issues.
3. Referral sources within the local community through the Counseling Center. These include special needs, emergency hospitalization, psychiatric care, or medication management. Financial responsibility for such off-campus referrals must be taken by the student and his or her parents.
4. Pastoral counseling provided by the University Chaplains to assist students in exploring spiritual areas of their lives.
5. Group Counseling. A variety of groups are led by trained counselors to help students deal with specific issues such as addictive behaviors, anxiety, and depression. Through these groups, students can find peer support and learn new skills.
6. Peer Mentors. These are students who receive training in active listening skills, referrals, and confidentiality to provide a resource to other students in helping them make the transition to a more fulfilling university life.

International Student Services and Programs

The office provides ongoing support to international students in the academic, spiritual, and social aspects of their lives. We seek to promote awareness, cooperative efforts, and understanding about the various aspects of ethnic, religious, and cultural diversity.

Career Center

The Career Center provides information and assistance to students who wish to assess career goals and investigate career opportunities. The Career Center helps students craft effective resumes, practice interviewing techniques, establish networking contacts with alumni and throughout the Northwest region, and identify internships and part/full-time or summer employment, including on-campus student employment opportunities. In addition, the Career Center sponsors a number of career-related events during the academic year. A few highlights include an Etiquette Dinner and Style Show, a Spring Career Fair, Resume Workshops and Alumni/Student Networking Events. For more information on these resources and events, please visit the Career Center website: careercenter.nnu.edu.

Spiritual Life

The Office of University Mission and Ministry gives direction to the spiritual life programs of the campus as one strategic component of its responsibilities. The University Chaplains are available to all students, faculty, and staff for issues related to spiritual development and pastoral counseling.

NNU is committed to developing a climate in which the spiritual lives of each member of the community can flourish. One's faith cannot be bought, sold, or inherited. It is the product of one's own relationship with God. Spiritual growth is maximized when faith is expressed through relationships and ministries.

As members of the Northwest Nazarene University community, students are stretched in their understanding of: (1) Christian commitment, (2) Christian ministry, and (3) Christian vocation. Faculty and staff are encouraged to pursue their own spiritual development and to be equipped and available to assist students in their walk with Christ.

Student Ministries

A wide variety of programs provide opportunities for guidance, encouragement, and instruction for a growing faith in Jesus Christ. Included in these programs are discipleship opportunities, covenant and accountability groups, international and domestic mission trips, and community service opportunities.

Chapel Services, Convocations and Campus Ministries: Why is "chapel" a required part of the NNU experience?

There are some things we all need to learn. The life of the mind and life of the heart come together as we gather for chapel.

There are some things we all need to hear. There are voices of challenge and hope, and cries of desperate need that you may not hear anywhere else.

There are some things we all need to do. No one seeks the kingdom of God alone. We worship together, we pray together and we make a difference together.

Why do we have chapel at Northwest Nazarene University? **Because there are some things we all need.**

Specific chapel and convocation attendance policies are addressed in the chapel/convocation policy section of the Student Handbook.

Each Monday the entire campus gathers for a weekly Community Chapel. These services form the core of community life at NNU, and include a blend of Christian music, updates on campus news, an opportunity for a member of the staff, faculty, or student body to testify publicly to God's ongoing work in their lives, and a message from one of the University Chaplains.

Chapels and convocations on Wednesdays and Fridays include a variety of speakers and programs designed more specifically for the student community.

Sunday Worship: All students are encouraged to become involved in a local church of their choice.

Lecture Series: Several special lecture series have been established across the years to enhance the chapel/convocation programming. A brief description of the major lecture series follows:

The E. E. Wordsworth Holiness Lecture Series has been endowed by the Wordsworth family to honor Rev. E. E. Wordsworth for his years of service to the Church. The purpose of the series is to emphasize the Wesleyan doctrine of perfect love.

The Mangum Missionary Lecture Series was established by the family to honor Dr. T. E. Mangum, Sr., for his dedication to medicine and missions. A missionary-in-residence is scheduled to make the college community aware of the needs of the world.

Residential Life

Northwest Nazarene University is a residential campus with over 70% of the eligible student population living in campus housing. The goal of the University is to enhance the educational experience of each student through campus community involvement and development.

In order to integrate this commitment, professionals work in each residence hall. These key individuals include the Resident Director (RD), who, along with Resident Assistants (RA's) work directly with the students. The staff makes every effort to create an environment conducive to the development of the whole person. Students are given opportunities for leadership along with many social, spiritual, educational, cultural, and recreational activities.

Events and activities offered in the residence halls are designed to create a safe place for the students to grow and develop skills that help them transition from home to university life, with each year building on the previous year, ultimately preparing them for independence and to be productive alumni. Community is built through small groups, seasonal parties, bible studies, community service, academic sessions, recreational activities, mentoring, and lots of food and fellowship.

Residential Life has strong partnerships with Academic Advising, the Wellness Center, Spiritual Life and the Career Center for those students who need or desire further help and/or referral during their residential experience.

Residence Halls

Northwest Nazarene University's residence halls have a capacity for more than 800 students and are divided into upper and lower division categories. Students required to live on campus are:

- All traditional freshmen
- All unmarried students who do not have senior standing
- All students who are younger than 22 on or before the first day of the semester
- All students who do not reside with parents/guardians

Students who desire to live off-campus must apply by filling out Off-Campus Housing Forms and must meet established criteria as stated in the on-line handbook. In addition, off-campus students are expected to observe the same general rules of conduct as residential students.

Campus Safety

The Campus Safety office is located at 515 S. Ivy Street directly behind the NNU Alumni House.

For emergencies, safety escorts, or immediate facility access, please contact the 24/7 "Officer on Duty" at 208-467-8911 or on campus at 8911. The line is monitored 24 hours a day, 365 days a year.

Campus Safety Staff is available by appointment Monday-Friday 8:00 a.m. - 5:00 p.m. by calling 208-467-8911 or on campus 8911. The Campus Safety Office is closed on Fridays, weekends and holidays.

Vehicles

All students, faculty, and staff using NNU parking areas must register their vehicles and obtain a parking permit from the Office of Campus Safety. Go directly to the NNU PORTAL at <https://my.nnu.edu/ics> and log into your personal PORTAL account. Then select Vehicle Registration from the left pane. Fill in all of the necessary fields with your vehicle information and click on submit. A parking permit will be forwarded to you through campus mail or United States Postal Service. You are responsible for acting within NNU Standards as it pertains to vehicle use on campus. A complete copy of vehicle privileges and guidelines is available on Campus Safety's web page at <http://safety.nnu.edu/traffic-code>.

Food Services

Meals are provided at Northwest Nazarene University by Sodexo, Inc. and Affiliates.

All students living on campus (with the exception of Holly Apartment residents) are required to carry a meal plan. Meal plan options are based on the residence hall in which a student lives. Any changes to the meal plan need to be made before the last day to add classes each semester.

Guests may eat in the cafeteria by purchasing meals on an individual basis. A guest pass is available at a discounted rate for visiting family members.

Athletic Opportunities

Intercollegiate Competition: Northwest Nazarene University is a member of the NCAA Division II Great Northwest Athletic Conference (GNAC) and provides the following sports in its intercollegiate athletic program:

- **Men** - baseball, basketball, cross-country, golf, track and field (indoor and outdoor), and soccer
- **Women** - basketball, cross-country, golf, soccer, softball, track and field (indoor and outdoor), and volleyball

Intramural Program: Student Development provides the opportunity for NNU students, faculty, and staff to participate in a variety of campus sports and activities through our intramural program, or Campus League. All of the activities and sports provided by Campus League provide an opportunity to show off your skills, build relationships with teammates, make new friends, and have fun in a competitive (and non-competitive) environment. The NNU campus community can participate in the following Campus League Sports and Campus League Activities:

Campus League Sports:

- Flag Football
- Powderpuff Football
- Softball
- Basketball
- Ultimate Frisbee
- Outdoor Volleyball
- Soccer

Campus League Activities:

- Bowling Tournament
- Ping Pong Tournament
- Campus Golf
- Chili Cook-off
- Dessert Cook-off
- Four Square Tournament
- And many more...

Academic Departments

Welcome to the College of Arts and Sciences. When most people think of life at college, they imagine leaf-strewn sidewalks populated by challenging faculty and inquisitive co-eds walking amongst warm-looking brick buildings on a fall day. In truth, that image is very similar to the way we live in the College of Arts and Sciences. As a residential campus, students live and work in a community of scholars who are committed to the transformation of the whole person. As we try to understand the truths of the world around us, we do so in the context of a Christian community. We serve as we learn, and thereby carry our knowledge out into the world around our campus. If you are interested in living, learning, and serving in a residential community, then NNU is the place for you.

Applied and Liberal Studies Programs

Majors

[Bachelor of Arts, Applied Studies](#)

[Bachelor of Arts, Liberal Studies](#)

- Humanities Emphasis
- Mathematics and Science Emphasis
- Social Science Emphasis

Bachelor of Arts, Applied Studies

This program leads to the Bachelor of Arts degree. Building on the strength of NNU's general education core curriculum, and course work from an applied area, Applied Studies provides students with the content, methodology, and implications of the basic areas of human knowledge; it fosters the attitude of intellectual curiosity harnessed by moral responsibility; and finally, it encourages students to think for themselves, and to be able to participate in life as autonomous individuals. The program is administered by the Director of the Center for Academic Success and Advising.

The learning outcomes for Applied Studies graduates prepare the student to:

1. Utilize critical thinking that exhibits academic and intellectual inquiry by understanding the means of acquiring and assessing information from multiple sources and through diverse ways of knowing. (Truth)
2. Adapt knowledge and skills connecting critical thinking, vocation, service and academic disciplines to evaluate real world problems. (Transformation)
3. Become enlightened and engaged citizens who display a Christlike passion to promote justice, seek peace, and pursue tolerance in their communities. (Community & Service)
4. Develop a deeper understanding of the relation of self to world through investigation of the influence of social, cultural, economic, and political institutions in shaping human thought, value, and behavior. (Community)
5. Demonstrate clear and persuasive verbal and written communication skills.

Requirements: 60 credits including the following:

24 credits selected from one or two of the following areas: Applied Art, Business, Christian Ministry, Communication Studies, Computer Science, Criminal Justice, Cultural Studies, Education, Engineering, English (courses in writing or composition which may include ENGL 1030 and ENGL 3015), Kinesiology, Music (education, theory and applied), Nursing and/or Social Work.

- 12 credits in Humanities
- 12 credits in Social Sciences
- 12 credits in Mathematics and Sciences

In a single focus applied studies major, 12 credits of the 24 credits must be numbered above 2999. In a dual focus applied studies major, 12 credits of the 24 credits must be numbered above 2999, with at least 6 upper division credits taken in EACH applied area.

Notation: If Music is selected, no more than three credits of private lessons may apply. If Kinesiology is selected, no more than three credits of Kinesiology activities or activity labs may apply.

Bachelor of Arts, Liberal Studies

This program leads to the Bachelor of Arts degree. Building on the strength of NNU's general education core curriculum, Liberal Studies provides students with the content, methodology, and implications of the basic areas of human knowledge; it fosters the attitude of intellectual curiosity harnessed by moral responsibility; and finally, it encourages students to think for themselves, and to be able to participate in life as autonomous individuals. The program is administered by the Director of the Center for Academic Success and Advising.

The learning outcomes for Liberal Studies graduates prepare the student to:

1. Utilize critical thinking that exhibits academic and intellectual inquiry by understanding the means of acquiring and assessing information from multiple sources and through diverse ways of knowing. (Truth)
2. Adapt knowledge and skills connecting critical thinking, vocation, service and academic disciplines to evaluate real world problems. (Transformation)
3. Become enlightened and engaged citizens who display a Christlike passion to promote justice, seek peace, and pursue tolerance in their communities. (Community & Service)
4. Develop a deeper understanding of the relation of self to world through investigation of the influence of social, cultural, economic, and political institutions in shaping human thought, value, and behavior. (Community)
5. Demonstrate clear and persuasive verbal and written communication skills.

Requirements: 60 credits in one of the three emphases listed below

1. Humanities Emphasis
 - Humanities: 24 credits (including 12 credits numbered above 2999)
 - Mathematics and Science: 18 credits
 - Social Science: 18 credits
2. Mathematics and Science Emphasis
 - Mathematics and Science: 24 credits (including 12 credits numbered above 2999)
 - Humanities: 18 credits
 - Social Science: 18 credits
3. Social Science Emphasis
 - Social Science: 24 credits (including 12 credits numbered above 2999)
 - Humanities: 18 credits
 - Mathematics and Science: 18 credits

Department of Art and Design

No matter where we look, we encounter objects that were crafted through the vision of artists and designers. NNU's Art degree with emphasis in design, art, or art education prepares students to be creative, insightful, and morally responsible makers of our visual world. Our courses are designed to train students in a wide range of technical skills, develop their ability to make aesthetic judgments, and foster an appreciation for the art forms in everyday life. Ultimately, students graduate with the practical tools and critical thinking skills necessary to succeed as practicing artists, designers, and educators or in further academic study.

Faculty

Mike Bartlett, Amy Gilles, Paul Kinsman, Jamie Tucker

Learning Objectives

Technical Skills

- Graduates of the department will be proficient in the technical tools and materials necessary in their chosen area of artistic endeavor. (University value: Truth)
- Graduates of the department will be fluent in historical and contemporary art concepts and terminology. (University value: Truth)
- Graduates of the department will exhibit proficiency in writing and speaking about artistic ideas. (University value: Truth)

Conceptual Skills

- Graduates of the department will effectively employ visual problem solving skills. (University value: Truth)
- Graduates of the department will be able to think critically about art from a Christian world view. (University values: Truth, Transformation)
- Graduates of the department will produce art that is culturally relevant and ultimately redemptive. (University values: Truth, Transformation)

Degrees Offered

The Bachelor of Arts degree in Art is the professional undergraduate degree desired by serious students intent on pursuing careers or advanced degrees in the visual arts. The B.A. in Art is designed to give students flexibility by letting them choose an area of emphasis after completing a series of core courses. Students choose the emphasis that is best suited to their academic interests and career goals.

Majors

Bachelor of Arts, Art

Graphic Design Emphasis

Studio Art Emphasis

Art Education (See [Secondary Education: Art Teaching Area, Art Second Teaching Field](#))

Minors

Graphic Design

Photography

Studio Art

Bachelor of Arts, Art

Administrator: Chair, Department of Art and Design

Requirements: 54-63 credits: Completion of the prescribed core courses (24 credits) plus the requirements for one area of emphasis (30-39 credits).

Core Courses: 24 credits

ARDE1020. 2D Design (3)

ARDE1040. Drawing 1 (3)

ARDE2010. 3D Design (3)

ARDE2280. Illustration 1: Visual Voice (3)

ARDE2430. Introduction to Computer Graphics (3)

ARDE2760. Photography 1 (3)

ARDE4870. Senior Exhibition (3)

ARDE4960. Internship (3)

Graphic Design Emphasis: 39 credits

ARDE2350. Graphic Design 1: Introduction To Visual Communication (3)

ARDE2070. Figure Studies (3); **OR**

ARDE2410. Painting 1 (3)

ARDE2360. Graphic Design 2: Typography (3)

ARDE3340. Design History: Industrial Revolution to Contemporary Design (3)

ARDE3360. Graphic Design 3: Advanced Practice (3)

ARDE3440. Introduction to Web Design (3)

ARDE3730. Advanced Typography (3)

ARDE4360. Graphic Design 4: Portfolio Preparation (3)

ARDE4440. Advanced Web Design (3)

ARDE4540. Integrated Media Campaigns (3)

BSNS3530. Marketing Communications(3); **OR**

BSNS3510. Principles of Marketing (3)

Two courses (6 credits) selected from:

ARDE3250. Art History 1 (3)

ARDE3750. Art History 2 (3)

ARDE3950. Modern & Contemporary Art History (3)

Studio Art Emphasis: 30 credits

ARDE2070. Figure Studies (3)

ARDE3250. Art History 1 (3)

ARDE3500. Studio Practice and Critique (3)

ARDE3750. Art History 2 (3)

ARDE3950. Modern & Contemporary Art History (3)

ARDE4500. Advanced Studio Practice and Critique (3)

Choose two sequences (12 credits) selected from:

ARDE2050. Ceramics 1 (3) **and**

ARDE3050. Ceramics 2 (3)

ARDE3060. Printmaking (3) **and**

ARDE3080. Introduction to Bookmaking & Letterpress (3)

ARDE2410. Painting 1 (3) **and**

ARDE3410. Painting 2 (3)

ARDE3430. Digital Photography (3) **and**

ARDE3760. Photography 2 (3)

Minor, Graphic Design

Requirements: 21 credits

ARDE2350. Graphic Design 1: Introduction To Visual Communication (3)

ARDE2360. Graphic Design 2: Typography (3)

ARDE2430. Introduction to Computer Graphics (3)

ARDE3440. Introduction to Web Design (3)

ARDE3360. Graphic Design 3: Advanced Practice (3)

Two courses selected from:

ARDE2280. Illustration 1: Visual Voice (3)

ARDE3060. Printmaking (3)

ARDE3340. Design History: Industrial Revolution to Contemporary Design (3)

ARDE3430. Digital Photography (3)

ARDE4440. Advanced Web Design (3)

ARDE4540. Integrated Media Campaigns (3)

Minor, Photography

Requirements: 21 credits

ARDE1020. 2D Design (3)

ARDE2430. Introduction to Computer Graphics (3)

ARDE2760. Photography 1 (3)

ARDE3430. Digital Photography (3)

ARDE3760. Photography 2 (3)

ARDE3750. Art History 2 (3): **or**

ARDE3950. Modern and Contemporary Art History (3)

COMM4250. Cinematography (3)

Minor, Studio Art

Requirements: 21 credits

ARDE1020. 2D Design (3)

ARDE1040. Drawing 1 (3)

ARDE2010. 3D Design (3)

Two courses (6 credits) selected from:

ARDE3250. Art History 1 (3)

ARDE3750. Art History 2 (3)

ARDE3950. Modern and Contemporary Art History (3)

Two courses (6 credits) selected from:

ARDE3060. Printmaking (3)

ARDE2070. Figure Studies (3)

ARDE2410. Painting 1 (3)

ARDE3080. Introduction to Bookmaking & Letterpress (3)

ARDE3410. Painting 2 (3)

ARDE3760. Photography 2 (3)

Department of Biology

Faculty: Jennifer Chase, John Cossel, Jr., Jamee Nixon

Goals

1. Graduates will be able to collect and analyze scientific data using a variety of modern methods, techniques and resources. Students will be able to integrate the information into professionally acceptable written and oral forms.
2. Graduates will demonstrate academic and technical skills acquired as biology majors by their application in coursework, mentored research with formal oral and written presentation, and as life-long learners that are able to contribute inspired solutions to biologically relevant questions for both humanity and the living world at large.
3. Graduates will gain an understanding of previous and current scientific advancement and, by moral obligation, use the knowledge to increase the quality of life for all people. Graduates will also use scientific knowledge to make choices that will create an ethic that maximizes stewardship of God's creation and the ecosystems in which we live.
4. Graduates will form a coherent view of the world that integrates key articles of faith with core biological concepts. They will develop an appreciation and compassion for God's creation and a deeper sense of awe at God's role in structuring and sustaining life.

Majors

[Bachelor of Science, Biology](#)

General Biology Emphasis

Ecology/Biodiversity Emphasis

Pre-Medical Emphasis

[Bachelor of Science, Pre-Physical Therapy](#)

[Bachelor of Arts, Biology](#)

Biology Education

See [Secondary Education: Biology Teaching Area](#), [Biology First Teaching Field](#), [Biology Second Teaching Field](#)

Minors

[Minor, Biology](#)

Pre-Health Science Core

Pre-Medical, Pre-Dental, Pre-Optometry, Pre-Physician Assistant, Pre-Chiropractic, Pre-Veterinary Medicine, and Pre-Pharmacy

- The student is advised to prepare by taking at least two high school courses in laboratory science and three years of high school mathematics.
- In planning a college program, students should follow the requirements and recommendations of the particular professional schools to which applications for admission are planned. All demand a high grade point average and other evidences of superior scholarship.
- The students need not major in the sciences, provided they assure themselves, in consultation with the pre-professional advisor, that admission requirements are met.
- A major in Biology: Pre-Medical or Chemistry: Biochemistry are designed for matriculation into preprofessional programs.

As electives the student might consider additional courses in chemistry, biological science, mathematics, psychology, and sociology.

Bachelor of Science, Biology

Administrator: Chair, Department of Biology

Requirements: 60-67 credits, including 37 in biology

The following are the "Core Requirements" for the Bachelor of Science taken in conjunction with one of the Biology degree emphases:

Core requirements: 44-45 credits, 33 in Biology

BIOL2220. General Biology I (3); **and**,
BIOL2220L. General Biology I Laboratory (1)
BIOL2230. General Biology II (3); **and**,
BIOL2230L. General Biology II Laboratory (1)
BIOL2240. Plant and Animal Ecology (3)
BIOL2970. Introduction to Research (1)
BIOL3720. Genetics (3); **and**,
BIOL3720L. Genetics Laboratory (1)
BIOL3740. Origins (3)
BIOL3970. Research (1-3)
*BIOL4980. Senior Seminar/Capstone (1)
CHEM2210. General Chemistry I (3); **and**,
CHEM2210L. General Chemistry I Laboratory (1)
CHEM2220. General Chemistry II (3); **and**,
CHEM2220L. General Chemistry II Laboratory (1)
CHEM3210. Organic Chemistry I (3); **and**,
CHEM3210L. Organic Chemistry I Laboratory (1)

Complete one of the following physics sequences:

PHYS1110. College Physics I (3); **and**,
PHYS1110L. College Physics I Laboratory (1)
PHYS1120. College Physics II (3); **and**,
PHYS1120L. College Physics II Laboratory (1)

Or

PHYS2110. Physics for Science and Engineering I (3); **and**,
PHYS2110L. Physics for Science and Engineering I Laboratory (1)
PHYS2120. Physics for Science and Engineering II (3); **and**,
PHYS2120L. Physics for Science and Engineering II Laboratory (1)

Quantitative Processes (choose 1):

MATH2240. Elementary Statistics (3)
MATH2510. Calculus I (4)

*BIOL4980 must be taken at Northwest Nazarene University.

Emphases: Select an emphasis from General Biology, Ecology/Biodiversity , or Pre-Medical.

GENERAL BIOLOGY EMPHASIS

Objective: To prepare students for entry level jobs in biology or to prepare students for graduate school.

Biology Emphasis Requirements. In addition to the core, the following requirements apply: Sixteen (16) credits selected from biology numbered 2000 and above.

WILDLIFE/ECOLOGY EMPHASIS

Objective: To prepare students for entry level jobs in ecology, wildlife, field or conservation biology, or to prepare students with similar vocational goals for graduate school.

Wildlife/Ecology Requirements: In addition to the core, the following requirements apply. A minimum of 16 credits including 12 credits from below. ** And 4 additional BIOL credits numbered 2000 and above.

Animal Biology (choose 1):

BIOL3300. Vertebrate Zoology: Herpetology (3); **and**,
BIOL3300L. Vertebrate Zoology: Herpetology Laboratory (1) **or**,
BIOL3320. Vertebrate Zoology: Ornithology (3); **and**,
BIOL3320L. Vertebrate Zoology: Ornithology Laboratory (1)

Plant Biology

BIOL3160. Plant Taxonomy (3); **and**,
BIOL3160L. Plant Taxonomy Laboratory (1)

Ecology: Systems and Techniques (Choose 1):

BIOL3250. Tropical Ecology (3); **and**,
BIOL3250L. Tropical Ecology Laboratory (1) **or**,
BIOL4240. Field Ecology (3); **and**,
BIOL4240L. Field Ecology Laboratory (1)

Students planning on attending graduate school are responsible for ensuring that graduate school entrance requirements have been met. It is recommended that students carefully review the admission requirements of the program which they intend to seek admission before selecting these courses. Additional recommended classes include: General Microbiology, Environmental Science, and additional math (see above).

**** Other Au Sable courses may be substituted with Department approval.**

Pre-Medical Emphasis

Objective: A course of study that is suitable for application to Medical, Dental, Optometry, Physician Assistant, Veterinary, and Graduate School in biology.

In planning a college program, students should follow the requirements and recommendations of particular professional schools to which applications for admission are planned. Admission requirements vary from school to school. All demand a high grade point average and other evidences of superior scholarship.

Pre-Medical Emphasis Requirements: In addition to the core, the following apply:

BIOL4410. Biochemistry I (3); **and**,
BIOL4410L. Biochemistry I Laboratory (1)
BIOL4420. Biochemistry II (3)
CHEM3220. Organic Chemistry II (3); **and**,
CHEM3220L. Organic Chemistry II Laboratory (1)
MATH2240. Elementary Statistics (3)

Select electives from each of the categories below to equal a minimum of 9 credits.

Anatomy and Physiology

BIOL2010. Human Anatomy and Physiology I (3); **and**,
BIOL2010L. Human Anatomy and Physiology I Laboratory (1);
BIOL2030. Human Anatomy and Physiology II (3); **and**,
BIOL2030L. Human Anatomy and Physiology II Laboratory (1)
BIOL3360. Vertebrate Comparative Anatomy (3); **and**,
BIOL3360L. Vertebrate Comparative Anatomy Laboratory (1)
BIOL3510. Studies in Histology (1)
BIOL3620. Vertebrate Physiology (3); **and**,
BIOL3620L. Vertebrate Physiology Laboratory (1)
BIOL3820. Pathophysiology (3)

Molecular

BIOL3420. General Microbiology (3); **and**,
BIOL3420L. General Microbiology Laboratory (1)
BIOL3460. Cell Biology (3); **and**,
BIOL3460L. Cell Biology Laboratory (1)
BIOL3520. Developmental Biology (3); **and**,
BIOL3520L. Developmental Biology Laboratory (1)
BIOL3540. Immunology (3)

Additional recommended courses include further biology and chemistry, and/or any of the following:

BIOL3500. Bioethics (2)
BIOL3850. Biological Foundations of Behavior (3); **and**,
BIOL3850L. Biological Foundations of Behavior Laboratory (1)
MATH2510. Calculus I (4)
PHIL3520. Philosophy of Science (3)
PSYC3455. Abnormal Psychology (3)

Bachelor of Science, Pre-Physical Therapy

Objective: To prepare the student for graduate studies in physical therapy or athletic training. The enrollments at the graduate schools are fixed, and students must compete for these positions.

Administrators:

Physical Therapy Emphasis: Chair, Biology Department

Athletic Training Emphasis: Chair, Kinesiology Department

Requirements: Completion of prescribed core plus requirements of one emphasis

Physical Therapy Emphasis (75 credits)

Athletic Training Emphasis (75 credits)

Core Requirements:

BIOL2010. Human Anatomy and Physiology I (3); **and,**

BIOL2010L. Human Anatomy and Physiology I Laboratory (1)

BIOL2030. Human Anatomy and Physiology II (3); **and,**

BIOL2030L. Human Anatomy and Physiology II Laboratory (1)

BIOL2220. General Biology I (3); **and,**

BIOL2220L. General Biology I Laboratory (1)

BIOL2230. General Biology II (3); **and,**

BIOL2230L. General Biology II Laboratory (1)

CHEM2210. General Chemistry I (3); **and,**

CHEM2210L. General Chemistry I Laboratory (1)

CHEM2220. General Chemistry II (3); **and,**

CHEM2220L. General Chemistry II Laboratory (1)

KINE/BIOL1960. Clinical Observation (1)

KINE2410. Introduction to Athletic Training and Physical Therapy with Laboratory (3)

MATH2240. Elementary Statistics (3)

BIOL4960. Internship in Physical Therapy (1-4) (4 required)

BIOL4970. Pre-Physical Therapy Capstone (1)

MATH1300. College Algebra (3)

SOGY3180. Race, Class, and Gender (3); **or,**

SOGY3340. Sociology of the Family (3)

PSYC2100. Lifespan Development (3)

PSYC3455. Abnormal Psychology (3)

Complete one of the following sequences:

PHYS1110. College Physics I (3); **and,**

PHYS1110L. College Physics I Laboratory (1); **and,**

PHYS1120. College Physics II (3); **and,**

PHYS1120L. College Physics II Laboratory (1); **or,**

PHYS2110. Physics for Science and Engineering I (3); **and,**

PHYS2110L. Physics for Science and Engineering I Laboratory (1); **and,**

PHYS2120. Physics for Science and Engineering II (3); **and,**

PHYS2120L. Physics for Science and Engineering II Laboratory (1)

It is recommended that the students carefully review the admission requirements of the Physical Therapy graduate programs they intend to seek admission to before selecting these courses.

Physical Therapy Emphasis

Choose 16 credits from the following groups of courses. At least three (3) credits from each group:

Group One

BIOL3420. General Microbiology (3); **and**,
BIOL3420L. General Microbiology Laboratory (1)
BIOL3360. Vertebrate Comparative Anatomy (3); **and**,
BIOL3360L. Vertebrate Comparative Anatomy Laboratory (1)
BIOL3500. Bioethics (2)
BIOL3510. Studies in Histology (1)
BIOL3540. Immunology (3)
BIOL3620. Vertebrate Physiology (3); **and**,
BIOL3620L. Vertebrate Physiology Laboratory (1)
BIOL3720. Genetics (3); **and**,
BIOL3720L. Genetics Laboratory (1)
BIOL3820. Pathophysiology (3)
BIOL3920. Cadaver Dissection I (1)
BIOL3930. Cadaver Dissection II (1)
CHEM3210. Organic Chemistry I (3); **and**,
CHEM3210L. Organic Chemistry I Laboratory (1)
CHEM3220. Organic Chemistry II (3); **and**,
CHEM3220L. Organic Chemistry II Laboratory (1)

Group Two

KINE3440. Advanced Athletic Training (3)
KINE3600. Motor Development and Motor Learning (2)
KINE3640. Physiology of Exercise (3)
KINE3650. Biomechanics (3)
KINE4560. Administration and Supervision of HPER (3)

Athletic Training Emphasis

Choose 16 credits from the following groups of courses.

Group One: Choose eight (8) credits.

KINE2430. Health Issues in Today's Society (3)
KINE2730. Nutrition Across the Lifespan (2)
KINE2960. Field Experience in Kinesiology (1)
KINE3440. Advanced Athletic Training (3)
KINE3600. Motor Development and Motor Learning (2)
KINE3630. Corrective and Adaptive Physical Education (2)
KINE3650. Biomechanics (3)
KINE4950. Internship in Athletic Training (1)

Group Two: Choose eight (8) credits with a minimum of one lab.

BIOL3360. Vertebrate Comparative Anatomy (3); **and**,
BIOL3360L. Vertebrate Comparative Anatomy Laboratory (1)
BIOL3420. General Microbiology (3); **and**,
BIOL3420L. General Microbiology Laboratory (1)
BIOL3500. Bioethics (2)
BIOL3620. Vertebrate Physiology (3); **and**,
BIOL3620L. Vertebrate Physiology Laboratory (1)
CHEM3210. Organic Chemistry I (3); **and**,
CHEM3210L. Organic Chemistry I Laboratory (1)
CHEM3220. Organic Chemistry II (3); **and**,
CHEM3220L. Organic Chemistry II Laboratory (1)

Bachelor of Arts, Biology

Objective: Designed for the student who has goals other than graduate school or teaching.

Administrator: Chair, Department of Biology

Requirements: 50-54 credits in science and mathematics including a minimum of 39 credits in biology with the following core required, and selected elective courses.

BIOL2220. General Biology I (3); **and**,
BIOL2220L. General Biology I Laboratory (1)
BIOL2230. General Biology II (3); **and**,
BIOL2230L. General Biology II Laboratory (1)
BIOL2240. Plant and Animal Ecology (3)
BIOL3720. Genetics (3); **and**,
BIOL3720L. Genetics Laboratory (1)
BIOL3740. Origins (3)
BIOL3960. Internship in Biology (1-4); **or**,
BIOL3970. Research (1-3)
BIOL4980. Senior Seminar/Capstone (1)
CHEM1210. Principles of Organic and Biochemistry (3); **and**,
CHEM1210L. Principles of Organic and Biochemistry Laboratory (1)
CHEM2210. General Chemistry I (3); **and**,
CHEM2210L. General Chemistry I Laboratory (1)

Choose one of the following courses:

MATH1300. College Algebra (3)
MATH2240. Elementary Statistics (3)
MATH2510. Calculus I (4)

Choose an additional 19 credits of biology electives numbered 2000 and above.

Minor, Biology

Objective: This program will give a student pursuing a liberal arts degree a background in the field of biology.

Administrator: Chair, Department of Biology

Requirements: 22 credits in Biology including 14 credits of Biology electives with course numbers 3000 and above.

BIOL2220. General Biology I (3); **and**
BIOL2220L. General Biology I Laboratory (1)
BIOL2230. General Biology II (3); **and**
BIOL2230L. General Biology II Laboratory (1)

Department of Business and Economics

Faculty: David Chaplin, Peter Crabb, Samuel Dunn, Joshua Jensen, Brenda Johnson, Jeff Lineman, Fred Sutton, Mollie Sweet, Konya Weber

The mission of the Business Department at Northwest Nazarene University is to educate students and develop them into ethical servant leaders who can transform a global society for the kingdom of Christ. We accomplish this goal by providing a strong, scholarly business curriculum rooted in the liberal arts tradition, which is delivered through traditional and innovative programs. To this end, the program is designed with the following values:

1. Students will receive the instruction necessary to pursue **Truth** and increase their knowledge across a range of contemporary business subjects including accounting, economics, finance, management, information technology, operations, international business environment, law, ethics, marketing, and communication.
2. Students will engage in activities that foster **Transformation** and facilitate the development of relevant skills in the contemporary business environment. These skills will include teamwork, qualitative and quantitative analysis, written and oral communication, use of technology, and decision making.
3. Students will be involved in activities within the **Community** as modeled by Jesus Christ through **Service** to others by applying concepts from business ethics, social responsibility, workplace respect, and biblical principles.

Admission to the School of Business

Majors in the School of Business are required to complete a minimum of 30 prescribed upper division credits (ACCT/ECON/BSNS) at Northwest Nazarene University. Exceptions must be approved by the Department Chair.

Admission to Advanced Standing

Majors in the department of Business and Economics are required to participate in an application and monitoring process that continues throughout their college program. Application to Advanced Standing may be made after the student has successfully completed or is progressing in a minimum of two classes listed below or with the approval of the Department Chair. This application typically occurs during the second semester of the first year.

ACCT2060. Financial Accounting (3)
ACCT2070. Managerial Accounting (3)
BSNS1110. Introduction to Business (1)
BSNS2170. Computer Applications in Business (3)
BSNS2220. Business Communication (3)
ECON2410. Principles of Microeconomics (3)
ECON2420. Principles of Macroeconomics (3)
BSNS2330. Math for Business and Finance (3)

To qualify for entrance into upper-division courses that are applicable for completion of degrees within the Department of Business and Economics, students must have Advanced Standing. To earn Advanced Standing, the following requirements must be met:

1. A student must be officially admitted to Northwest Nazarene University and declare a major or majors in Accounting, Business Administration, Economics, Global Business, Management, or Marketing.
2. A student must have completed or be progressing in business, economics, or accounting classes offered through the School of Business at the time of the interview or receive approval from the Department Chair.
3. A student must maintain a minimum cumulative grade point average of 2.5 or receive approval from the Department Chair.
4. A student must adhere to the School of Business Department Standards and University Values.
5. A student must complete the application for Advanced Standing.
6. A student must interview with a faculty panel and receive a positive recommendation and be accepted by vote of the business faculty.

Advanced Standing will be withdrawn if a student fails to enroll at NNU for a period of three consecutive semesters, does not maintain a 2.5 GPA, or does not uphold the Business Department Standards. A student must reapply for Advanced Standing upon re-admittance to NNU.

Bachelor of Science, Accounting

Objectives:

To provide students with a general understanding of multiple areas of accounting, to prepare students for a career in public, corporate or governmental accounting, and to prepare students who want to embark on a management career with a strong accounting emphasis or to prepare students for graduate business and accounting programs.

A total of 150 semester hours of post high school work will be required to sit for the CPA examination in several states. For most students this will take five years to complete. Some students may wish to pursue an MBA to meet this requirement.

Administrator: Chair, Department of Business and Economics

Requirements: 66 credits: completion of the prescribed courses.

Core Courses (34 credits):

ACCT2060. Financial Accounting (3)
BSNS1110. Introduction to Business (1)
BSNS2330. Business Statistics (3) **or**
MATH2240. Elementary Statistics (3)
BSNS3030. Management Information Systems (3)
BSNS3410. Business Law I (3)
BSNS3510. Principles of Marketing (3)
BSNS3640. Principles of Management (3)
BSNS3710. Principles of Finance (3)
BSNS3810. Business Ethics (3)
BSNS4600. Global Business Strategies (3)
BSNS4980. Senior Seminar In Business (3)
ECON2410. Principles of Microeconomics (3)

Major Courses (Minimum 26 credits):

ACCT2070. Managerial Accounting (3)
ACCT3510. Intermediate Accounting I (3)
ACCT3520. Intermediate Accounting II (3)
ACCT3960. Internship in Accounting (minimum 2 credits)
ACCT3010. Income Taxation (3)
ACCT3040. Cost Accounting (3)
ACCT3094. Special Topics in Accounting (3) **or**
BSNS3420 Business Law II (3)
ACCT4020. Auditing (3)
ACCT4510. Advanced Financial Accounting (3)

Elective Courses (Select 6 credits):

ACCT/BSNS/ECON courses offered by the Department of Business & Economics (excludes BSNS2950/BSNS3950, or BSN3960)

To earn a Bachelor of Arts in Accounting: In addition to the courses listed above, two semesters of an Intermediate Foreign Language are required (74 credits)

Bachelor of Science, Business Administration

Objectives: To provide professional training for students who plan to enter business careers and to provide the necessary background for the student who plans to pursue graduate work in the field of Business Administration.

Administrator: Chair, Department of Business and Economics

Requirements: 54 credits; completion of the prescribed courses. If an emphasis in Management Information Systems is desired, additional prescribed courses (23 credits) are available.

Core Courses:

ACCT2060. Financial Accounting (3)
ACCT2070. Managerial Accounting (3)
BSNS1110. Introduction to Business (1)
BSNS2170. Computer Applications in Business (3)
BSNS2220. Business Communication (3)
BSNS2330. Business Statistics (3); **or**,
 MATH2240. Elementary Statistics (3)
BSNS3030. Management Information Systems (3)
BSNS3410. Business Law I (3)
BSNS3510. Principles of Marketing (3)
BSNS3640. Principles of Management (3)
BSNS3710. Principles of Finance (3)
BSNS3810. Business Ethics (3)
BSNS3960. Internship in Business (minimum 2 credits)
BSNS4600. Global Business Strategies (3)
BSNS4980. Senior Seminar In Business (3)
ECON2410. Principles of Microeconomics (3)
ECON2420. Principles of Macroeconomics (3)

Two electives (six credits) offered by the Department of Business and Economics (excludes BSNS2950 and BSNS3950)

Students pursuing a Bachelor of Science in Business may also pursue a Management of Information Systems Emphasis.

Management Information Systems Emphasis (23 prescribed credits)

For the student who wishes to enter the Management of Information Systems field or plans to pursue graduate work in the field of Management Information Systems.

Core classes:

COMP2220. Computer Programming in C++ (3)
COMP2220L. Computer Programming in C++ Laboratory (1)
COMP2750. Data Structures (3)
COMP3330. Database Design and Programming (3)
COMP3330L. Database Design and Programming Laboratory (1)
COMP3370. Systems Analysis and Design (3)
COMP3630. Networks and Data Communications I (3)
COMP3640. Networks and Data Communications II (3)
MATH2310. Discrete Mathematics (3)

To earn a Bachelor of Arts in Business Administration: Complete an additional 2 semesters of an Intermediate Foreign Language. (62 credits)

Bachelor of Science, Financial Economics

Objectives: To provide professional training for students who plan to enter economics careers and to provide the necessary background for the student who plans to pursue graduate work in the field of economics.

Administrator: Chair, Department of Business and Economics

Requirements: 55 credits; completion of the prescribed courses.

Core Courses (34 credits):

ACCT2060. Financial Accounting (3)
BSNS1110. Introduction to Business (1)
BSNS2330. Business Statistics (3); **or**,
MATH2240. Elementary Statistics (3)
BSNS3030. Management Information Systems (3)
BSNS3410. Business Law I (3)
BSNS3510. Principles of Marketing (3)
BSNS3640. Principles of Management (3)
BSNS3710. Principles of Finance (3)
BSNS3810. Business Ethics (3)
BSNS4600. Global Business Strategies (3)
BSNS4980. Senior Seminar In Business (3)
ECON2410. Principles of Microeconomics (3)

Major Courses (Select 15 credits):

ECON2420. Principles of Macroeconomics (3)
ECON3094. Special Topics in Economics (3)
ECON3150. Managerial Economics (3)
ECON3510. Money and Financial Institutions (3)
ECON3770. Saving and Investing (3)
ECON4050. Global Economics (3)

Elective Courses (Select minimum 6 credits):

ACCT/BSNS/ECON courses offered by the Department of Business & Economics (excludes BSNS2950 and BSNS3950)
ECON3010. Personal Finance and Stewardship (3)
MATH3240. Probability and Statistics (3)
MATH3280. Modeling and Operations Research (3)
MATH3320. Linear Algebra (3)
POLS3210. Social Science Research Methods (3)
POLS3520. Theories of Politics (3)
POLS3610. Comparative Politics (3)

To earn a Bachelor of Arts in Economics: Complete two semesters of an Intermediate Foreign Language. (62 credits)

Bachelor of Science, Global Business

Objective: To provide professional training for students who plan to enter Global Business careers and to provide the necessary background for the student who plans to pursue graduate work in the field.

Administrator: Chair, Department of Business and Economics

Requirements: 54 credits; completion of the prescribed courses.

Core Courses (34 credits):

ACCT2060. Financial Accounting (3)
BSNS1110. Introduction to Business (1)
BSNS2330. Business Statistics (3) **or**
MATH 2240. Elementary Statistics (3)
BSNS3030. Management Information Systems (3)
BSNS3410. Business Law I (3)
BSNS3510. Principles of Marketing (3)
BSNS3640. Principles of Management (3)
BSNS3710. Principles of Finance (3)
BSNS3810. Business Ethics (3)
BSNS4600. Global Business Strategies (3)
BSNS4980. Senior Seminar In Business (3)
ECON2410. Principles of Microeconomics(3)

Major Courses (Select 15 credits):

BSNS4590. Global Marketing (3)
BSNS4610. Entrepreneurship (3)
BSNS4690. Global Operations Management (3)
ECON2420. Principles of Macroeconomics (3)
ECON3150. Managerial Economics (3)
ECON4050. Global Economics (3)

Elective Courses (Select minimum 5 credits):

ACCT/BSNS/ECON courses offered by the Department of Business & Economics (excludes BSNS2950 and BSNS3950)

POLS3520. Theories of Politics (3)
POLS3610. Comparative Politics (3)
POLS4560. International Peace and Global Governance (3)
SOGY3250. Issues of Developing Nations II (3)

To earn a Bachelor of Arts in Global Business: Complete two semesters of an Intermediate Foreign Language (62 credits)

Bachelor of Science, Management

Objective: To provide professional training for students who plan to enter Management careers and to provide the necessary background for the student who plans to pursue graduate work in the field.

Administrator: Chair, Department of Business and Economics

Requirements: 54 credits; completion of the prescribed courses

Core Courses (34 credits):

ACCT2060. Financial Accounting (3)
BSNS1110. Introduction to Business (1)
BSNS2330. Business Statistics (3) **or**
MATH2240. Elementary Statistics (3)
BSNS3030. Management Information Systems (3)
BSNS3410. Business Law I (3)
BSNS3510. Principles of Marketing (3)
BSNS3640. Principles of Management (3)
BSNS3710. Principles of Finance (3)
BSNS3810. Business Ethics (3)
BSNS4600. Global Business Strategies (3)
BSNS4980. Senior Seminar In Business (3)
ECON2410. Principles of Microeconomics(3)

Major Courses (Select 15 credits):

ACCT2070. Managerial Accounting (3)
BSNS3420. Business Law II (3)
BSNS3650. Human Resource Management (3)
BSNS4610. Entrepreneurship (3)
BSNS4670. Organizational Behavior (3)
BSNS4690. Global Operations Management (3)
ECON3150. Managerial Economics (3)

Elective Courses (Select minimum 5 credits):

ACCT/BSNS/ECON courses offered by the Department of Business & Economics (excludes BSNS2950 and BSNS3950)
PSYC2559. Psychology of Motivation and Leadership (3)
COMM3020. Organizational Communication (3)

To earn a Bachelor of Arts in Management: Complete two semesters of an Intermediate Foreign Language. (62 credits)

Bachelor of Science, Marketing

Objective: To provide professional training for students who plan to enter Marketing careers and to provide the necessary background for the student who plans to pursue graduate work in the field.

Administrator: Chair, Department of Business and Economics

Requirements: 54 credits; completion of the prescribed courses.

Core Courses (34 credits):

ACCT2060. Financial Accounting (3)
BSNS1110. Introduction to Business (1)
BSNS2330. Business Statistics (3) **or**
MATH2240. Elementary Statistics (3)
BSNS3030. Management Information Systems (3)
BSNS3410. Business Law I (3)
BSNS3510. Principles of Marketing (3)
BSNS3640. Principles of Management (3)
BSNS3710. Principles of Finance (3)
BSNS3810. Business Ethics (3)
BSNS4600. Global Business Strategies (3)
BSNS4980. Senior Seminar In Business (3)
ECON2410. Principles of Microeconomics (3)

Major Courses (Select 15 credits):

BSNS3094. Special Topics in Marketing (3)
BSNS3530. Marketing Communications (3)
BSNS3550. Sales Management (3)
BSNS3580. Retail Management (3)
BSNS4560. Consumer Behavior Marketing Research (3)
BSNS4590. Global Marketing (3)

Elective Courses (Select minimum 5 credits):

ACCT/BSNS/ECON courses offered by the Department of Business & Economics (excludes BSNS2950 and BSNS3950)
COMM2420. Introduction to Public Relations (3)
COMM4420. Advanced Public Relations (3)
COMM3420. Persuasion (3)
COMM3600. Broadcast Communication (3)
ARDE2350. Graphic Design I: Introduction to Visual Communication (3)
ARDE2360. Graphic Design II: Typography (3)
ARDE2430. Introduction to Computer Graphics (3)
ARDE3440. Introduction to Web Design (3)
ARDE4440. Advanced Web Design (3)
ARDE4540. Integrated Media Campaigns (3)

To earn a Bachelor of Arts in Marketing: Complete an additional two semesters of an Intermediate Foreign Language. (62 credits)

Minor, Accounting

Requirements: (21 credits). For the student who wishes to have a working knowledge of accounting. Students must maintain a minimum GPA of 2.5 and receive a grade of C- or higher in all classes designated in the minor.

Core Accounting courses (12 credits)

ACCT2060. Financial Accounting (3)
ACCT2070. Managerial Accounting (3)
ACCT3510. Intermediate Accounting I (3)
ACCT3520. Intermediate Accounting II (3)

Select three (3) electives (9 credits)

ACCT3010. Income Taxation (3)
ACCT3040. Cost Accounting (3)
ACCT3094. Special Topics in Accounting (3)
ACCT4020. Auditing (3)
ACCT4510. Advanced Financial Accounting (3)
BSNS3420 Business Law II (3)

Minor, Business Administration

Requirements: Select 18 credits in Accounting, Business Administration, Economics, Global Business, Management and Marketing. Nine (9) of the 18 credits must be upper division (excluding ACCT3960, BSNS2950, BSNS3950 and BSNS3960). Students must meet with a Department of Business and Economics advisor to develop a program of study and maintain a minimum GPA of 2.5 and receive a grade of C- or higher in all classes designated in the minor. **(Only available to students not enrolled in the School of Business).**

Minor, Financial Economics

Requirements: (Select 18 credits). For the student who wishes to enter the field of economics and financial counseling. Students must maintain a minimum GPA of 2.5 and receive a grade of C- or higher in all classes designated in the minor.

ECON2410. Principles of Microeconomics (3)
ECON2420. Principles of Macroeconomics (3)
ECON3094. Special Topics in Economics (3)
ECON3150. Managerial Economics (3)
ECON3510. Money and Financial Institutions (3)
ECON3770. Saving and Investing (3)
ECON4050. Global Economics (3)

Minor, Global Business

Requirements: (Select 18 credits). For the student who desires to pursue a career in international business with a fundamental understanding of business study with an emphasis on cultural sensitivity. Students must maintain a minimum GPA of 2.5 and receive a grade of C- or higher in all classes designated in the minor.

BSNS4590. Global Marketing (3)
BSNS4600. Global Business Strategies (3)
BSNS4610. Entrepreneurship (3)
ECON3150. Managerial Economics (3)
ECON4050. Global Economics (3)
Two semesters of Foreign Language

Minor, Management

Requirements: (Select 21 credits). For the student who desires to concentrate in management and organizational development. Students must maintain a minimum GPA of 2.5 and receive a grade of C- or higher in all classes designated in the minor.

BSNS3410. Business Law I (3)
BSNS3420. Business Law II (3)
BSNS3640. Principles of Management (3)
BSNS3650. Human Resource Management (3)
BSNS4600. Global Business Strategies (3)
BSNS4690. Global Operations Management (3)
BSNS4610. Entrepreneurship (3)
BSNS4670. Organizational Behavior (3)
ECON2410. Principles of Microeconomics (3)
ECON2420. Principles of Macroeconomics (3)
ECON3150. Managerial Economics (3)

Minor, Marketing

Requirements: (Select 18 credits). For the student who desires to pursue a career in brand management, marketing research, advertising or other marketing related fields. Students must maintain a minimum GPA of 2.5 and receive a grade of C- or higher in all classes designated in the minor.

BSNS3094. Special Topics in Business (3)
BSNS3510. Principles of Marketing (3)
BSNS3530. Marketing Communications (3)
BSNS3550. Sales Management (3)
BSNS3580. Retail Management (3)
BSNS4560. Consumer Behavior Research (3)
BSNS4590. Global Marketing (3)
ECON3150. Managerial Economics (3)

Department of Chemistry

Faculty: D. Timothy Anstine, Jerry Harris, Daniel Nogales

Learning Objectives:

1. Students will develop intellectual curiosity about chemistry and an appreciation for the practical role it plays in physical and biological science.
2. Graduates will understand and be able to communicate the key theories in each chemistry discipline: Analytical, Inorganic, Organic, and Physical.
3. Graduates will obtain skills in analysis, synthesis, instrumentation, and quantitative reasoning essential to establish and test hypotheses.
4. Students will integrate biblical principles and scientific knowledge to be God's agents in academia, industry, and society.

Majors

Bachelor of Science, Chemistry

Chemistry Emphasis

Biochemistry Emphasis

Environmental Chemistry Emphasis

Bachelor of Arts, Chemistry

Chemistry Education

See [Secondary Education: Chemistry Teaching Area](#), [Chemistry First Teaching Field](#), [Chemistry Second Teaching Field](#)

Minor

Minor, Chemistry

Bachelor of Science, Chemistry

Academic Objective:

This major is designed for the student who has goals of pursuing academic research or professional service in fields closely related to chemistry. This program of study fulfills most admission requirements for graduate school, although students should make sure that course work covers any expectations for specific programs.

Administrator: Chair, Department of Chemistry

Requirements: A total of at least 58-60 credits in science and math, including at least 30 credits in chemistry **and an emphasis selected from the three listed below:**

CHEM2210. General Chemistry I (3); **and**,
CHEM2210L. General Chemistry I Laboratory (1)
CHEM2220. General Chemistry II (3); **and**,
CHEM2220L. General Chemistry II Laboratory (1)
CHEM2610. Analytical Chemistry (3); **and**
CHEM2610L. Analytical Chemistry Laboratory (1)
CHEM3210. Organic Chemistry I (3); **and**,
CHEM3210L. Organic Chemistry I Laboratory (1)
CHEM3220. Organic Chemistry II (3); **and**,
CHEM3220L. Organic Chemistry II Laboratory (1)
CHEM3310. Inorganic Chemistry (3)
CHEM3510. Thermodynamics and Kinetics (3)
CHEM3620. Integrated Laboratory I (1)
CHEM4610. Integrated Laboratory II (1)
CHEM4710. Structure Elucidation (3)
* CHEM4970. Research (1-6)
** CHEM4980. Senior Seminar/Capstone (1)
MATH2510. Calculus I (4)
PHYS2110. Physics for Science and Engineering I (3); **and**,
PHYS2110L. Physics for Science and Engineering I Laboratory (1)
PHYS2120. Physics for Science and Engineering II (3); **and**,
PHYS2120L. Physics for Science and Engineering II Laboratory (1)

Chemistry Emphasis

13-14 credits in the following courses:

MATH2520. Calculus II (4)
MATH3540. Differential Equations (3)
PHYS4810. Fundamentals of Quantum Mechanics (3)

Choose one of the following:

BIOL4410. Biochemistry I (3); **and**,
BIOL4410L. Biochemistry I Laboratory (1)
CHEM4720. Advanced Organic Chemistry (3)
PHYS4720. Solid State Physics (3)

Biochemistry Emphasis

14-15 credits in the following courses:

BIOL2220. General Biology I (3); **and**,
BIOL2220L. General Biology I Laboratory (1)
BIOL4410. Biochemistry I (3); **and**,
BIOL4410L. Biochemistry I Laboratory (1)
BIOL4420. Biochemistry II (3)
MATH2240. Elementary Statistics (3); **or**,
MATH2520 Calculus II (4)

Environmental Chemistry Emphasis

13-14 credits in the following courses:

BIOL2220. General Biology I (3); **and**,
BIOL2220L. General Biology I Laboratory (1)
BIOL3240. Plant and Animal Ecology (3); **and**,
*** approved Ecology course; or, approved
environmental chemistry or water quality course (3)
MATH2240. Elementary Statistics (3); **or**,
MATH2520. Calculus II (4)

In addition to the above requirements, the student will be required to successfully pass an oral examination or a written subject examination in the field of chemistry.

* A minimum of one credit is required, but a maximum of six credits in CHEM4970 will be allowed toward the major.

** CHEM4980 must be taken at Northwest Nazarene University.

*** Courses in ecology and environmental chemistry are available through the off-campus Au Sable Institute.

Bachelor of Arts, Chemistry

Objective: To prepare students for fields of chemistry not requiring advanced studies.

Administrator: Chair, Department of Chemistry

Requirements: A total of at least 42 credits in science and math, including at least 31 credits in chemistry.

Core Courses:

CHEM2210. General Chemistry I (3); **and**,
CHEM2210L. General Chemistry I Laboratory (1)
CHEM2220. General Chemistry II (3); **and**,
CHEM2220L. General Chemistry II Laboratory (1)
CHEM2610. Analytical Chemistry (3); **and**,
CHEM2610L. Analytical Chemistry Laboratory (1)
CHEM3210. Organic Chemistry I (3); **and**,
CHEM3210L. Organic Chemistry I Laboratory (1)
CHEM3220. Organic Chemistry II (3); **and**,
CHEM3220L. Organic Chemistry II Laboratory (1)

CHEM3310. Inorganic Chemistry (3)
CHEM3510. Thermodynamics and Kinetics (3)
CHEM3620. Integrated Laboratory I (1)
CHEM4610. Integrated Laboratory II (1)
* CHEM4970. Research (1-6)
** CHEM4980. Senior Seminar/Capstone (1)
MATH2510. Calculus I (4)
PHYS1110. College Physics I (3); **and**,
PHYS1110L. College Physics I Laboratory (1)
PHYS1120. College Physics II (3); **and**,
PHYS1120L. College Physics II Laboratory (1)

* A minimum of one credit is required, but a maximum of six credits in CHEM4970 will be allowed toward the major.

** CHEM4980 must be taken at Northwest Nazarene University.

Minor, Chemistry

Objective: The chemistry minor is a combination of the core courses found in the area of chemistry. It will provide the student with a broad and basic understanding of the field along with skills for laboratory work in chemistry.

Administrator: Chair, Department of Chemistry

Requirements: 25 credits. Every student must complete the following courses along with one of the options listed below:

CHEM2210. General Chemistry I (3); **and**,
CHEM2210L. General Chemistry I Laboratory (1)
CHEM2220. General Chemistry II (3) **and**,
CHEM2220L. General Chemistry II Laboratory (1)
CHEM2610. Analytical Chemistry (3) **and**,
CHEM2610L. Analytical Chemistry Laboratory (1)
CHEM3210. Organic Chemistry I (3) **and**,
CHEM3210L. Organic Chemistry I Laboratory (1)
CHEM3220. Organic Chemistry II (3); **and**,
CHEM3220L. Organic Chemistry II Laboratory (1)
CHEM3620. Integrated Laboratory I (1) **or**,
CHEM4610. Integrated Laboratory II (1)

Choose one course from the following:

CHEM3310. Inorganic Chemistry (3)
CHEM3510. Thermodynamics and Kinetics (3)
CHEM4710. Structure Elucidation (3)
CHEM4720. Advanced Organic Chemistry (3)

Department of Communication Studies

The mission of the Department of Communication Studies is to equip students with a better understanding of and skills in mass communication, human communication, research and performing arts. The department seeks to provide an appreciation and understanding of the history, theories, and techniques of mass communication and human communication while creatively engaging in the practice of multiple communication channels. Students are involved in varied activities to enhance their communication skills through writing, producing, directing, speaking, forensics research, drama, and community involvement. The faculty is committed to educating, training, advising and encouraging the students of Communication Studies to use developed skills as "God's creative and redemptive agents in today's world."

Faculty: Arnold Ytreeide (Department Chair), M. Brooke Adamson, Donna Allen

Learning Objectives:

1. Graduates of the department and general education students will develop strong intellectual, social, and spiritual skills through a thorough understanding and application of intrapersonal, interpersonal, group, and organizational communication theory and technique.
2. Graduates of the department and general education students will understand the many facets of communication events, technologies, and processes that shape, determine, and interpret messages.
3. Graduates of the department and general education students will understand the fundamental role communication processes and skills play in building and maintaining a healthy and vibrant community.
4. Graduates of the department and general education students will experience and be able to defend the value of employing communication theory, process, and skills in service to others, and to further the spread of the gospel of Jesus Christ.

Majors

Bachelor of Arts, Communication

Communication Science Emphasis

Public Relations Emphasis

Bachelor of Arts, Mass Communications

Communication Education

See [Secondary Education: Communication Second Teaching Field](#)

Minors

[Broadcasting](#)

[Communication](#)

[Media Production](#)

Bachelor of Arts, Communication

This major provides an understanding of the role communication plays in contemporary society with emphases on relationship issues, public speaking, research, and/or public relations. Students can use their training to assume leadership positions in public administration, the behavioral sciences, the media, or as a basis for graduate study in communication.

Administrator: Chair, Department of Communication Studies

Requirements: 48-50 credits: 25 core credits and the requirements for one area of emphasis.

Core Courses: 25 credits

COMM1010. Introduction to Communication (3)

COMM2020. Media Systems and Literacy (3)

COMM3020. Organizational Communication (3)

COMM3050. Nonverbal Communication (3)

COMM3420. Persuasion (3)

COMM4440. Rhetorical Theory and Criticism (3)

COMM4610. Communication Research and Theory (3)

COMM4950. Internship in Communication Studies (3)

COMM4980. Seminar in Communication Studies (1)

Communication Science Emphasis

A course of study that allows students to gain an understanding of the processes of human communication which shape relationships, groups, and organizations, that persuade and entertain individuals, and that influence public opinion, media use, attitude and behavioral change.

Requirements: 25 credits

COMM2010. Small Group Communication (3)

COMM2030. Interpersonal Communication (3)

COMM4200. Intercultural Communication (3)

COMM4970. Senior Research Project (1) (2 required)

PSYC2215. Research Design (3)

A block of 12 credits in an approved area of concentration which 6 shall be numbered above 2999 (12)

Public Relations Emphasis

A course of study that prepares students for careers in diverse fields relating to public relations. Emphasis is placed on building relationships between organizations and their audiences through media, media relations, critical thinking, writing and speaking, understanding of the processes and roles of persuasion and rhetoric and of the critical nature of research. Students encounter both the theory and practice of public relations through rigorous classroom and group work, case studies and internships.

Requirements: 23 credits

COMM2120. Communication Activities (1) **or**
COMM3120. Advanced Communication Activities (1) **or**
COMM1260. Cinema Production I (1)
COMM2250. Introduction to Scriptwriting (3)
COMM2420. Introduction to Public Relations (3)
COMM3210. Advanced Public Speaking (3)
COMM3280. Communication Law and Ethics (3)
BSNS3510. Principles of Marketing (3)
COMM3600. Broadcast Communication (3)
COMM4420. Advanced Public Relations (3)
COMM4970. Senior Research Project (1)

Bachelor of Arts, Mass Communications

A major in Mass Communication will provide an understanding of the systems, theories, and practices of mass communication and their impact on contemporary society. It will also provide specific skills in film, television, and media production. Students can use their education and training for entry-level employment in the film and television industry, for work in the church or on the mission field, for independent production, or for pursuing graduate study in communication and other fields.

Administrator: Chair, Department of Communication Studies

Requirements: 50 credits

COMM1010. Introduction to Communication (3)
COMM1260. Cinema Production I (1)
COMM2020. Media Systems and Literacy (3)
COMM2050. History of Film and Television (3)
COMM2120. Communication Activities (1) **or**
COMM3120. Advanced Communication Activities (1)
COMM2250. Introduction to Scriptwriting (3)
COMM2260. Cinema Production II (3)
COMM2280. Audio For Film and Television (3)
COMM3010. Producing Film and Television (3)
COMM3030. Film Theory and Criticism (3)
COMM3050. Nonverbal Communication (3)
COMM3250. Advanced Screenwriting (3)
COMM3260. Cinema Production III (3)
COMM3280. Communication Law and Ethics (3)
COMM3290. Cinema Production IV (3)
COMM4250. Cinematography (3)
COMM4260. Cinema Directing (3)
COMM4970. Senior Research Project (1) (2 required)
COMM4980. Senior Seminar (1)

Successful completion of Senior Defense

Minor, Broadcasting

This minor is designed for the student who would like to expand his or her future employment opportunities to include television or internet broadcasting.

Requirements: 17 credits

- COMM1260. Cinema Production I (1)
- COMM2250. Introduction to Scriptwriting (3)
- COMM3210. Advanced Public Speaking (3)
- COMM3280. Communication Law and Ethics (3)
- COMM3420. Persuasion (3)
- COMM3600. Broadcast Communication (3)
- COMM4950. Internship in Communication Studies (1-2) (1 required)

Minor, Communication

This minor is designed for students in various professional disciplines, such as business, ministry, or psychology, who would like to better prepare themselves for communicating within their fields. Students must meet with a Department of Communication Studies advisor to develop an approved program of study.

Requirements: 21 credits

- COMM1010. Introduction to Communication (3)
- COMM2030. Interpersonal Communication (3)
- 15 credits in Communication of which 12 shall be numbered above 2999.

Minor, Media Production

Requirements: 19 credits

- COMM1260. Cinema Production I (1)
- COMM2250. Introduction to Scriptwriting (3)
- COMM2260. Cinema Production II (3)
- COMM2280. Audio For Film and Television (3)
- COMM3010. Producing Film and Television (3)
- COMM3030. Film Theory and Criticism (3)
- COMM3280. Media Law and Ethics (3)

Department of Education

Faculty: Jennifer Hill, Tracy Marshall, Shannon Panfilio-Padden, Ryan Roberts, LoriAnn Sanchez, and Duane Slemmer

Mission: The mission of the Department of Education at Northwest Nazarene University is to be a Christ-centered unit that develops capable, compassionate educators who are determined and prepared to meet the educational needs of young people in a changing world. This mission drives our work in undergraduate, graduate, and continuing education programs. It is articulated through the conceptual framework underpinning all education programs.

Learning Objectives: Outcomes for NNU's education programs are aligned with the Idaho Core Teaching Standards.

Idaho Core Teaching Standards

Standard #1: Learner Development. The teacher understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.

Standard #2: Learning Differences. The teacher uses understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.

Standard #3: Learning Environments. The teacher works with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.

Standard #4: Content Knowledge. The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.

Standard #5: Application of Content. The teacher understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.

Standard #6: Assessment. The teacher understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.

Standard #7: Planning for Instruction. The teacher plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.

Standard #8: Instructional Strategies. The teacher understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.

Standard #9: Professional Learning and Ethical Practice. The teacher engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.

Standard #10: Leadership and Collaboration. The teacher seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

ADMINISTRATOR

The chair is the administrator of the Undergraduate Education Department.

ACCREDITATION

The Educator Preparation Program is accredited by the National Council for Accreditation of Teacher Education (NCATE). The program is approved by the Idaho State Board of Education using Idaho standards.

Northwest Nazarene University is a member of the American Association of Colleges for Teacher Education (AACTE), the Association of Independent Liberal Arts Colleges of Teacher Education (AILACTE), and the Association of Christian Schools International (ACSI).

TRANSFER AND POST-BACCALAUREATE STUDENTS

It is beneficial for transfer students to contact an NNU advisor in the Education Department even while attending another college or working on another degree so they can be assisted in selecting and sequencing coursework that will meet NNU requirements. This can minimize the chance of inadvertently extending the length of their program at NNU.

CHECKPOINT 1: ADMISSION TO EDUCATOR PREPARATION PROGRAM

Application for admission to the Educator Preparation Program should be made during the semester when EDUC2960 (Introduction to Instructional Design) is taken, or by spring semester of the candidate's sophomore year. Candidates who transfer to NNU with junior or senior classification should apply for admission to the Educator Preparation Program during their first semester of residency. Decision factors include scholarship, dispositions for teaching, satisfactory test performance, and residency as described below. Any person convicted of a felony must be cleared by the department chair prior to seeking admission to the Educator Preparation Program.

Requirements for admission:

The department, with the assistance of the Educator Preparation Council, conducts interviews of candidates. Candidates who are not enrolled at NNU for two consecutive semesters need to reapply for admission to the Educator Preparation Program when they return.

1. **Scholarship.** A cumulative grade point average of 3.0 or above must have been earned in university work. GPA is computed only on credits earned at NNU.
2. **Dispositions for teaching.** These values, commitments, and professional ethics are listed on the undergraduate dispositions assessment. They are demonstrated by candidates in courses, field experiences, and interviews.
3. **Satisfactory test performance.** Satisfactory English and mathematics scores are required for admission. This requirement may be met by receiving the minimum score on any one of the tests in the chart below.

Test	Minimum English Score	Minimum Mathematics Score
ACT	21	21
SAT	28 on Reading Test	570
COMPASS	86	50 on Algebra Test
ACCUPLACER	169 on Reading & Sentence	74 on Elementary Algebra

4. **Residence.** One semester in residence at NNU must precede admission to the program. (Transfer students may apply during their first semester of residency.)

CHECKPOINT 2: ADMISSION TO ELEMENTARY READING AND SECONDARY METHODS COURSES

Checkpoint 2 occurs at the end of the fall semester prior to candidates enrolling in elementary reading or secondary methods courses. This is typically during the candidate's junior year.

CHECKPOINT 3: ADMISSION TO INTERNSHIP (ELEMENTARY)

Admission to the internship year occurs at the end of the semester in which EDUC3260 Content Literacy in K-8 Classrooms and EDUC3250 Fundamentals of Reading are taken (generally spring semester of the candidate's junior year).

CHECKPOINT 3: ADMISSION TO STUDENT TEACHING (SECONDARY)

Admission to secondary student teaching (EDUC4860 or EDUC4870) occurs at the end of the semester in which EDUC3510 Teaching Methods in Secondary Classrooms and content specific methods courses are taken (generally spring semester of the candidate's junior year).

CHECKPOINT 4: PROGRAM COMPLETION AND RECOMMENDATION FOR CERTIFICATION

Candidates must display appropriate dispositions for teaching, must have successfully completed all requirements for student teaching or internship with a grade of A or B, must have passed all state-required tests, and must have been recommended by the NNU Educator Preparation Council for certification.

Majors

Bachelor of Arts, Elementary Education

English/Language Arts Middle School Content Area

Math Middle School Content Area

Science Middle School Content Area

Social Studies Middle School Content Area

Bachelor of Arts, Secondary Education

American Government/Political Science Second Teaching Field Emphasis

Art Teaching Area Emphasis

Art Second Teaching Field Emphasis

Biology Teaching Area Emphasis

Biology First Teaching Field Emphasis

Biology Second Teaching Field Emphasis

Chemistry Teaching Area Emphasis

Chemistry First Teaching Field Emphasis

Chemistry Second Teaching Field Emphasis

Communication Second Teaching Field Emphasis

Economics Second Teaching Field Emphasis

English Teaching Area Emphasis

English First Teaching Field Emphasis

English Second Teaching Field Emphasis

Health Second Teaching Field Emphasis

History First Teaching Field Emphasis

History Second Teaching Field Emphasis

Kinesiology Teaching Area Emphasis

Kinesiology First Teaching Field Emphasis

Kinesiology Second Teaching Field Emphasis

Mathematics Teaching Area Emphasis

Mathematics First Teaching Field Emphasis

Mathematics Second Teaching Field Emphasis

Music Teaching Area Emphasis

Music Second Teaching Field Emphasis

Physics Second Teaching Field Emphasis

Psychology Second Teaching Field Emphasis

Spanish First Teaching Field Emphasis

Spanish Second Teaching Field Emphasis

Bachelor of Arts, Elementary Education

Objective: To prepare candidates to teach in the elementary grades (K-8) and to meet certification requirements

Administrator: Chair, Undergraduate Education Department

ELEMENTARY PROGRAM REQUIREMENTS

Requirements: 55 credits in professional education; 34 credits in other required courses, most of which also meet general education requirements; and requirements for one middle school content area

Professional Education Courses:

- *EDUC1100. Introduction to Education (1)
 - PSYC2110. Educational Psychology (3)
 - EDUC2250. Cultural Diversity in Education (2)
 - EDUC2750. Technology in the Classroom (3)
 - *EDUC2960. Introduction to Instructional Design (1)
 - *EDUC3000. Mathematics Lab for Elementary Teachers (2)
 - EDUC3150. Education of Exceptional Children (3)
 - *EDUC3240. Classroom Management in K-8 Classrooms (3)
 - *EDUC3250. Fundamentals of Reading (3)
 - *EDUC3260. Content Literacy in K-8 Classrooms (3)
 - EDUC3310. Teaching English Language Learners (1)
 - *EDUC3920. Foundations of Education (2)
 - *EDUC4430. Teaching the Whole Child (1)
 - *EDUC4440. Elementary Internship I (3)
 - *EDUC4450. Elementary Internship II (11)
 - *EDUC4460. Assessment and Intervention in Reading (3)
 - *EDUC4540. Methods of Teaching Social Studies and Language Arts in the Elementary Classroom (4)
 - *EDUC4550. Methods of Teaching Science and Mathematics in the Elementary Classroom (4)
 - *EDUC4810. Elementary School Start-Up (1)
 - *EDUC4950. Seminar/Capstone (1)
- *Courses must be taken at Northwest Nazarene University.

Other Required Courses:

Literature

- ENGL1030. University Writing and Research (3)
- *ENGL3015. Topics in Writing (3); **or**,
any ENGL course with a *W* designation (3)
- ENGL2120. English Grammar and Usage (2)
- ENGL3740. Children's Literature (3)

History

- U.S. History (3)
- Non-U.S. History (3)

Mathematics

- MATH2010. Fundamental Mathematical Structures I (3)
- MATH2020. Fundamental Mathematical Structures II (3)

Social Science

- GEOG1050. Introduction to Geography (3)

Natural Science

- BIOL1010. Introduction to Biology (3); **and**
BIOL1010L. Introduction to Biology Lab (1)
- PHYS1010. Introduction to Physical Science (3); **and**
PHYS1010L. Introduction to Physical Science Lab (1)

Program Certification Requirements:

To be recommended for elementary certification to the Idaho State Department of Education, a candidate must meet the following standards:

1. Complete all requirements for a baccalaureate degree.
2. Complete requirements of the Educator Preparation Program in effect at the time of admission to Educator Preparation as well as any additional requirements if required by changes in the standards of state regulatory agencies.
3. Complete all required courses in the elementary program with a grade of B- (2.7) or better. This grade requirement supersedes all over grade requirements for courses in more than one category.
4. Complete all required middle school content area courses with a grade of C (2.0) or better.
5. Maintain a 3.0 or better cumulative GPA.
6. Pass the Praxis II Elementary Multiple Subjects test (#5001).
7. Pass the appropriate Praxis II middle school content area test.
8. Receive a favorable vote of the Educator Preparation Council for recommendation for certification.

Completing an Idaho-approved Educator Preparation Program will enable a candidate to be recommended for certification in other states. Deviations from the teaching major or certification requirements must be authorized by the department chair.

Elementary education candidates must complete the requirements for a middle school content area leading to a subject area endorsement. It is recommended that candidates choose one of the following content areas: English/language arts, math, science, or social studies. With approval of their advisor(s) and the undergraduate education chair, candidates may also choose to complete their middle school content area in any second teaching field offered by the university.

Note: For those interested in teaching elementary art, kinesiology, or music, see those sections under **Secondary Education**, as these programs lead to K-12 certification.

English/Language Arts Middle School Content Area

Requirements: 24 credits, including 4 credits in methods and 9 credits in liberal arts core

Liberal Arts:

- *ENGL1030. University Writing and Research (3)
- *ENGL3015. Topics in Writing and Literature or W Elective (3)
- *ENGL3740. Children's Literature (3)

One course selected from:

- ENGL2210. American Literature: Colonial Period to the Civil War (3)
- ENGL2220. American Literature: Civil War to the Present (3)
- ENGL3210. Major Authors in American Literature (3)
- ENGL3250. The American Novel (3)

One course selected from:

- ENGL2310. British Literature: Beowulf through the Age of Reason (3)
- ENGL2320. British Literature: The Romantic Age to the Present (3)
- ENGL3310. Major Authors in British Literature (3)
- ENGL3320W. Shakespeare (3)
- ENGL3350. The British Novel (3)

One course selected from:

- ENGL2050. Beginning Creative Writing (3)
- ENGL3020W. Principles of Writing (3)
- ENGL3040W. Creative Writing - Prose (3)
- ENGL3050. Creative Writing - Poetry (3)

Additional requirements:

- *ENGL2120. English Grammar and Usage (2)
- *EDUC4540. Methods of Teaching Social Studies and Language Arts (4)
- *Courses required in elementary program; must earn a B- or better.

Math Middle School Content Area

Requirements: 24 credits, including 4 credits in methods and 3 credits in liberal arts core

Liberal Arts:

- *MATH2010. Fundamental Mathematical Structures I (3)

Required:

- MATH1300. College Algebra or higher (3)
- MATH1400. Trigonometry or higher (3)
- *MATH2020. Fundamental Mathematical Structures II (3)
- *EDUC3000. Mathematics Lab for Elementary Teachers (2)
- MATH2240. Elementary Statistics or higher (3)
- MATH2310. Discrete Mathematics (3)
- *EDUC4550 Methods of Teaching Science and Mathematics (4)
- *Courses required in elementary program; must earn a B- or better.

To pursue this area of emphasis, students must have an ACT math score of 23 or higher, or an SAT score of 600 or higher, or an Accuplacer Elementary Algebra score of 117 or higher, or an Accuplacer College Level Math score of 50 or higher.

Science Middle School Content Area

Requirements: 21 credits, including 4 credits in methods and 8 credits in liberal arts core

Liberal Arts:

- *BIOL1010. Introduction to Biology (3); **and**
- *BIOL1010L. Introduction to Biology Lab (1)
- *PHYS1010. Introduction to Physical Science (3); **and**
- *PHYS1010L. Introduction to Physical Science Lab (1)

Chemistry Electives (8 credits):

- CHEM2210. General Chemistry I (3)
- CHEM2210L. General Chemistry I Lab (1)
- CHEM2220. General Chemistry II (3)
- CHEM2220L. General Chemistry II Lab (1)
- Or other course(s) with a CHEM prefix

Additional requirements:

- PHYS1060. Astronomy (3)
- PHYS1060L. Astronomy Lab (1)
- *EDUC4550. Methods of Teaching Science and Mathematics (4)
- *Courses required in elementary program; must earn a B- or better.

Social Studies Middle School Content Area

Requirements: 22 credits, including 4 credits in methods and 12 credits in liberal arts core

Liberal Arts:

- HIST1030. The World and the West I (3)
- HIST2030. Conflict and Consensus: American History to 1877 (3)
- *GEOG1050. Introduction to Geography (3)
- POLS1010. American National Politics (3)

Required:

- HIST1040. The World and the West II (3)
- HIST2040. Conflict and Consensus: American History from 1877 (3)
- *EDUC4540 Methods of Teaching Social Studies and Language Arts (4)

Recommended (one course selected from the following):

- HIST3040. "Not the Dark Ages" (3)
- HIST3480. Modern Europe (1800-Present) (3)
- HIST3500. The Dragon and the Rising Sun (3)
- *Course required in elementary program; must earn a B- or better.

Bachelor of Arts, Secondary Education

Objective: To prepare students to teach content courses in grades 6-12 (K-12 for art, kinesiology and music) and meet the requirements for Idaho certification

Administrators: Content area department chairs; chair, Undergraduate Education Department

SECONDARY PROGRAM REQUIREMENTS:

Requirements: 30-36 credits in professional education, and requirements for one teaching area or two teaching fields (see specific content areas/fields below for courses and credits)

Professional Education Courses:

Professional education core (36 credits) including:

*EDUC1100. Introduction to Education (1)

PSYC2110. Educational Psychology (3)

EDUC2250. Cultural Diversity in Education (2)

EDUC2750. Technology in the Classroom (3) [Exempt: Music Teaching Area majors]

*EDUC2960. Introduction to Instructional Design (1)

EDUC3150. Education of Exceptional Children (3) [Kinesiology Ed majors may substitute KINE3630]

*EDUC3410. English Language Learners and Content Literacy in Secondary Classrooms (3)

*EDUC3510. Teaching Methods in Secondary Classrooms (3) [Exempt: Music Teaching Area majors]

*EDUC3750. Classroom Management in Secondary Schools (2)

*Special methods courses in first and second teaching fields or teaching area

*EDUC3920. Foundations of Education (2)

*EDUC4850. Secondary School Start-Up (1)

*EDUC4860. Student Teaching in the Middle School/Junior High School (11); **or**

*EDUC4870. Student Teaching in the Senior High School (11)

*EDUC4950. Seminar/Capstone (1) [Music Ed Area majors may substitute MUSC4000]

* Courses must be taken at Northwest Nazarene University.

Program Certification Requirements:

1. Complete all requirements for a baccalaureate degree.
 2. Complete a subject teaching area emphasis of at least 45 semester credit hours as recommended by the subject department and approved by the Department of Education, or complete a first teaching field emphasis of at least 30 semester credit hours and a second teaching field emphasis of at least 20 semester credit hours as recommended by the subject departments and approved by the Department of Education. These areas and fields include:
 - Teaching areas: art, biology, chemistry, English, kinesiology, mathematics, music.
 - First teaching fields: biology, chemistry, English, history, kinesiology, mathematics, Spanish.
 - Second teaching field: American government/political science, art, biology, chemistry, communication, economics, English, health, history, kinesiology, mathematics, music, physics, psychology, Spanish.
 3. Complete requirements of the Educator Preparation Program in effect at the time of admission to Educator Preparation as well as any additional requirements if required by changes in the standards of state regulatory agencies.
 4. Complete all required education courses in the secondary program with a grade of B- (2.7) or better.
 5. Complete all required content courses with a grade of C (2.0) or better.
 6. Maintain a 3.0 or better cumulative GPA.
 7. Pass the Praxis II content test(s) in teaching area or fields.
 8. Receive a favorable vote of the Educator Preparation Council for recommendation for certification.
- Completing an Idaho-approved Educator Preparation Program will enable a candidate to be recommended for certification in other states. Deviations from the teaching major or certification requirements must be authorized by the department chair.

American Government/Political Science Second Teaching Field Emphasis

Requirements: 23 credits, including 2 credits in education methods

POLS1010. American National Politics (3)
POLS3410. American Political Thought and Ideology (3)
POLS3610. Comparative Politics (3)
HIST2030. Conflict and Consensus: American History to 1877 (3)
HIST2040. Conflict and Consensus: American History from 1877 (3)
EDUC3580. Methods of Teaching Social Studies in Secondary Schools (2)
Three credits in political science (3)

Select one of the following:

HIST1030. The World and the West I (3)
HIST1040. The World and the West II (3)

Art Teaching Area Emphasis (K-12)

Requirements: 45 credits of which 27 shall be numbered above 2999; including 6 credits in education methods

ARDE1020. 2D Design (3)
ARDE1040. Drawing 1 (3)
ARDE2010. 3D Design (3); **or**
 ARDE2050. Ceramics 1 (3)
ARDE2070. Figure Studies (3)
ARDE2410. Painting 1 (3)
ARDE2760. Photography 1 (3)
ARDE3060. Printmaking (3)
ARDE3250. Art History 1 (3)
ARDE3330. Teaching Art in the K-8 School (3)
ARDE3530. Teaching Art in the Secondary School (3)
ARDE3750. Art History 2 (3)
ARDE4870. Senior Exhibition (3)

Nine credits in art numbered above 2999 (9)

Art Second Teaching Field Emphasis (K-12)

Requirements: 24 credits, including 6 credits in education methods

ARDE1020. 2D Design (3)
ARDE1040. Drawing 1 (3)
ARDE2010. 3D Design (3); **or**
 ARDE2050. Ceramics 1 (3)
ARDE2410. Painting 1 (3)
ARDE3330. Teaching Art in the K-8 School (3)
ARDE3530. Teaching Art in the Secondary School (3)

One course in art history numbered above 2999 (3)
Three credits in art numbered above 2999 (3)

Biology Teaching Area Emphasis

Requirements: 45 credits from the areas of biology and chemistry, including 2 credits in secondary science methods

BIOL2220. General Biology I (3); **and**
BIOL2220L. General Biology I Laboratory (1)
BIOL2230. General Biology II (3); **and**
BIOL2230L. General Biology II Laboratory (1)
BIOL2240. Plant and Animal Ecology (3)
BIOL2970. Introduction to Research (1)
BIOL3160. Plant Taxonomy (3); **and**
BIOL3160L. Plant Taxonomy Laboratory (1)
BIOL3640. Teaching Science in the Secondary School (2)
BIOL3720. Genetics (3); **and**
BIOL3720L. Genetics Laboratory (1)
BIOL3740. Origins (3)
CHEM2210. General Chemistry I (3); **and**
CHEM2210L. General Chemistry I Laboratory (1)
BIOL3300. Vertebrate Zoology: Ectotherms (3); **and**
BIOL3300L. Vertebrate Zoology: Ectotherms Laboratory (1)
BIOL3320. Vertebrate Zoology: Endotherms (3); **and**
BIOL3320L. Vertebrate Zoology: Endotherms Laboratory (1)
BIOL3360. Vertebrate Comparative Anatomy(3); **and**
BIOL3360L. Vertebrate Comparative Anatomy Laboratory (1)
BIOL3620. Vertebrate Physiology (3); **and**
BIOL3620L. Vertebrate Physiology Laboratory (1)

Biology First Teaching Field Emphasis

Requirements: 36 credits from the area of biology, including 2 credits in secondary science methods

BIOL2220. General Biology I (3); **and**
BIOL2220L. General Biology I Laboratory (1)
BIOL2230. General Biology II (3); **and**
BIOL2230L. General Biology II Laboratory (1)
BIOL2240. Plant and Animal Ecology (3)
BIOL3160. Plant Taxonomy (3); **and**
BIOL3160L. Plant Taxonomy Laboratory (1)
BIOL3640. Teaching Science in the Secondary School (2)
BIOL3720. Genetics (3); **and**
BIOL3720L. Genetics Laboratory (1)
BIOL3740. Origins (3)
BIOL3300. Vertebrate Zoology: Ectotherms (3); **and**
BIOL3300L. Vertebrate Zoology: Ectotherms Laboratory (1)
BIOL3320. Vertebrate Zoology: Endotherms (3); **and**
BIOL3320L. Vertebrate Zoology: Endotherms Laboratory (1)

One course and lab combination selected from:

BIOL3360. Vertebrate Comparative Anatomy(3); **and**
BIOL3360L. Vertebrate Comparative Anatomy Laboratory (1);

or

BIOL3620. Vertebrate Physiology (3); **and**
BIOL3620L. Vertebrate Physiology Laboratory (1)

Biology Second Teaching Field Emphasis

Requirements: 29 credits in biology numbered 2000 or above, including 2 credits in secondary science methods

BIOL2220. General Biology I (3); **and**
BIOL2220L. General Biology I Laboratory (1)
BIOL2230. General Biology II (3); **and**
BIOL2230L. General Biology II Laboratory (1)
BIOL2240. Plant and Animal Ecology (3)
BIOL3160. Plant Taxonomy (3), **and**
BIOL3160L. Plant Taxonomy Laboratory (1)
BIOL3640. Teaching Science in the Secondary School (2)
BIOL3720. Genetics (3); **and**
BIOL3720L. Genetics Laboratory (1)
BIOL3300. Vertebrate Zoology: Ectotherms (3), **and**
BIOL3300L. Vertebrate Zoology: Ectotherms Laboratory (1)
BIOL3320. Vertebrate Zoology: Endotherms (3), **and**
BIOL3320L. Vertebrate Zoology: Endotherms Laboratory (1)

Chemistry Teaching Area Emphasis

Requirements: 47 credits of chemistry and related courses, including 2 credits in secondary science methods

BIOL2220. General Biology I (3); **and**
BIOL2220L. General Biology I Laboratory (1)
BIOL3640. Teaching Science in the Secondary School (2)
CHEM2210. General Chemistry I (3); **and**
CHEM2210L. General Chemistry I Laboratory (1)
CHEM2220. General Chemistry II (3); **and**
CHEM2220L. General Chemistry II Laboratory (1)
CHEM2610. Analytical Chemistry (3); **and**
CHEM2610L. Analytical Chemistry Laboratory (1)
CHEM3210. Organic Chemistry I (3); **and**
CHEM3210L. Organic Chemistry I Laboratory (1)
CHEM3220. Organic Chemistry II (3); **and**
CHEM3220L. Organic Chemistry II Laboratory (1)
CHEM3510. Thermodynamics and Kinetics (3)
CHEM3620. Integrated Laboratory I (1)
CHEM4610. Integrated Laboratory II (1)
*CHEM4970. Research (1-6)
CHEM4980. Senior Seminar/Capstone (1)
MATH1510. Survey of Calculus or higher (3)
PHYS1110. College Physics I (3); **and**
PHYS1110L. College Physics I Laboratory (1)
PHYS1120. College Physics II (3); **and**
PHYS1120L. College Physics II Laboratory (1)

One course selected from:

BIOL4410. Biochemistry I (3); **and**
BIOL4410L. Biochemistry I Laboratory (1)
CHEM3310. Inorganic Chemistry (3)
CHEM4710. Structure Elucidation (3)

12 credits in chemistry must be taken at NNU, including CHEM4970 and CHEM4980

* A maximum of six credits in CHEM4970 will be allowed toward the major

Chemistry First Teaching Field Emphasis

Requirements: 32 credits of chemistry and related courses, including 2 credits in secondary science methods

CHEM2210. General Chemistry I (3); **and**
CHEM2210L. General Chemistry I Laboratory (1)
CHEM2220. General Chemistry II (3); **and**
CHEM2220L. General Chemistry II Laboratory (1)
CHEM2610. Analytical Chemistry (3); **and**
CHEM2610L. Analytical Chemistry Laboratory (1)
CHEM3210. Organic Chemistry I (3); **and**
CHEM3210L. Organic Chemistry I Laboratory (1)
CHEM3220. Organic Chemistry II (3); **and**
CHEM3220L. Organic Chemistry II Laboratory (1)
CHEM3510. Thermodynamics and Kinetics (3)
CHEM3620. Integrated Laboratory I (1)
CHEM4610. Integrated Laboratory II (1)
* CHEM4970. Research (1-6)
CHEM4980. Senior Seminar/Capstone (1)
MATH1510. Survey of Calculus or higher (3)
BIOL3640. Teaching Science in the Secondary School (2)

12 credits in chemistry must be taken at NNU, including CHEM4970 and CHEM4980

* A maximum of six credits in CHEM4970 will be allowed toward the major

Chemistry Second Teaching Field Emphasis

Requirements: 26 credits in chemistry, including 2 credits in secondary science methods

BIOL3640. Teaching Science in the Secondary School (2)
CHEM2210. General Chemistry I (3); **and**
CHEM2210L. General Chemistry I Laboratory (1)
CHEM2220. General Chemistry II (3); **and**
CHEM2220L. General Chemistry II Laboratory (1)
CHEM2610. Analytical Chemistry (3); **and**
CHEM2610L. Analytical Chemistry Laboratory (1)
CHEM3210. Organic Chemistry I (3); **and**
CHEM3210L. Organic Chemistry I Laboratory (1)
CHEM3220. Organic Chemistry II (3); **and**
CHEM3220L. Organic Chemistry II Laboratory (1)
CHEM3510. Thermodynamics and Kinetics (3)
CHEM3620. Integrated Laboratory I (1)

Communication Second Teaching Field Emphasis

Requirements: 20 credits, including 2 credits in secondary methods

- COMM1010. Introduction to Communication (3)
- COMM2010. Small Group Communication (3)
- COMM2020. Media Systems and Literacy (3)
- COMM2030. Interpersonal Communication (3)
- COMM3210. Advanced Public Speaking (3)
- COMM3420. Argumentation and Debate (3)
- COMM3650. Teaching Communication Studies in Secondary Schools (2)

Economics Second Teaching Field Emphasis

Requirements: 23 credits, including 2 credits in secondary methods

- ECON2410. Principles of Microeconomics (3)
- ECON2420. Principles of Macroeconomics (3)
- ECON3010. Personal Finance and Stewardship (3)
- ECON3150. Managerial Economics (3)
- ECON3510. Money and Financial Institutions (3)
- ECON3770. Saving and Investing (3)
- ECON4050. Global Economics (3)
- HIST3580. Teaching Social Studies in the Secondary School (2)

English Teaching Area Emphasis

Requirements: 44 credits of which 26 shall be above 2999, including 3 credits in secondary methods

- ENGL2980. Introduction to the Study of Literature (1)
- ENGL3010. Teaching English in Secondary Schools (3)
- ENGL3120. Linguistics: Structure and History of English (3)
- ENGL3320. Shakespeare (3)
- ENGL3410. Greek and Roman Classics (3)
- ENGL3510. Twentieth Century Poetry (3); **or**
ENGL3520. Twentieth Century Drama (3)
- ENGL3910. Literary Criticism (3)
- ENGL4980. Senior Seminar (1)

Two courses selected from:

- ENGL3020W. Principles of Writing (3)
- ENGL3040W. Creative Writing - Prose (3)
- ENGL3050. Creative Writing - Poetry (3)

Two courses selected from:

- ENGL2210. American Literature: Colonial Period to the Civil War (3)
- ENGL2220. American Literature: Civil War to the Present (3)
- ENGL3210. Major Authors in American Literature (3)
- ENGL3250W. The American Novel (3)
- ENGL4270. Minority Voices in American Literature (3)

One course selected from:

- ENGL2310. British Literature: Beowulf through the Age of Reason (3)
- ENGL2320. British Literature: The Romantic Age to the Present (3)
- ENGL3350W. The British Novel (3)
- ENGL4350W. Major British Authors to the Restoration (3)

One course selected from:

- ENGL2420. World Literature: The Ancient World to the Renaissance (3)
- ENGL2430. World Literature: The Enlightenment to the Modern Era (3)
- ENGL3420W. Foreign Literature in Translation (3)

Two additional English courses (6)

Recommended: One year of foreign language (same language) (8)

English First Teaching Field Emphasis

Requirements: 32 credits of which 20 shall be above 2999, including 3 credits in secondary methods

ENGL2122. English Grammar and Usage/Linguistics and History (3)

ENGL2980. Introduction to the Study of Literature (1)

ENGL3010. Teaching English in Secondary Schools (3)

ENGL3320W. Shakespeare (3)

ENGL3510. Twentieth Century Poetry (3); **or**

ENGL3520. Twentieth Century Drama (3)

ENGL4980. Senior Seminar (1)

Two courses selected from:

ENGL3020W. Principles of Writing (3)

ENGL3040W. Creative Writing - Prose (3)

ENGL3050. Creative Writing - Poetry (3)

One course selected from:

ENGL2210. American Literature: Colonial Period to the Civil War (3)

ENGL2220. American Literature: Civil War to the Present (3)

ENGL3250W. The American Novel (3)

One course selected from:

ENGL2310. British Literature: Beowulf through the Age of Reason (3)

ENGL2320. British Literature: The Romantic Age to the Present (3)

ENGL3350W. The British Novel (3)

ENGL4350W. Major British Authors to the Restoration (3)

One course selected from:

ENGL2420. World Literature: The Ancient World to the Renaissance (3)

ENGL2430. World Literature: The Enlightenment to the Modern Era (3)

ENGL3410. Greek and Roman Classics (3)

ENGL3420W. Foreign Literature in Translation (3)

One additional English course (3)

Recommended:

One year of foreign language (same language) (8)

English Second Teaching Field Emphasis

Requirements: 24 credits of which 9 shall be above 2999, including 3 credits in secondary methods.

ENGL2122. English Grammar and Usage/Linguistics and History(3)

ENGL3010. Teaching English in Secondary Schools (3)

Two courses selected from:

ENGL3020. Principles of Writing (3)

ENGL3040. Creative Writing - Prose (3)

ENGL3050. Creative Writing - Poetry (3)

One course selected from:

ENGL2210. American Literature: Colonial Period to the Civil War (3)

ENGL2220. American Literature: Civil War to the Present (3)

ENGL3210. Major Authors in American Literature (3)

ENGL3250. The American Novel (3)

Two courses selected from:

ENGL2310. British Literature: Beowulf through the Age of Reason (3)
ENGL2320. British Literature: The Romantic Age to the Present (3)
ENGL3310. Major Authors in British Literature (3)
ENGL3320. Shakespeare (3)
ENGL3350. The British Novel (3)
ENGL4340. Major Romantics and Victorians (3)

One course selected from:

ENGL2420. World Literature: The Ancient World to the Renaissance (3)
ENGL2430. World Literature: The Enlightenment to the Modern Era (3)
ENGL3410. Greek and Roman Classics (3)

Health Second Teaching Field Emphasis

Requirements: 21 credits from kinesiology and related courses, including two credits in secondary methods

KINE2430. Health Issues in Today's Society (3)
KINE2730. Nutrition Across the Lifespan (2)
KINE2960. Field Experience in Kinesiology (1)
KINE3350. Teaching School Health (2)
KINE3640. Physiology of Exercise (3)
KINE4560. Administration of HPERD (3)
PSYC2110. Educational Psychology (3)

One of the course and lab combinations selected from:

BIOL2010. Human Anatomy and Physiology I (3); **and**
BIOL2010L. Human Anatomy and Physiology I Laboratory (1); **or**,
BIOL2030. Human Anatomy and Physiology II (3); **and**
BIOL2030L. Human Anatomy and Physiology II Laboratory (1)

Other requirements:

Current First Aid/CPR certification (American Red Cross preferred).
Completion of Lifeguard or Water Safety Instruction (WSI) certification.

History First Teaching Field Emphasis

Requirements: 32 credits of which 17 shall be numbered above 2999, including 2 credits in secondary methods

HIST1030. The World and the West I (3)
HIST1040. The World and the West II (3)
HIST2030. Conflict and Consensus: American History to 1877 (3)
HIST2040. Conflict and Consensus: American History from 1877 (3)
HIST3390. Recent America (3)
HIST3580. Teaching Social Studies in the Secondary School (2)
POLS1010. American National Politics (3)
Twelve credits in history numbered above 2999 (12)

History Second Teaching Field Emphasis

Requirements: 23 credits of which 8 credits shall be numbered above 2999, including 2 credits in secondary methods

HIST1030. The World and the West I (3)

HIST1040. The World and the West II (3)

HIST2030. Conflict and Consensus: American History to 1877 (3)

HIST2040. Conflict and Consensus: American History from 1877 (3)

HIST3390. Recent America (3)

HIST3580. Teaching Social Studies in the Secondary School (2)

POLS1010. American National Politics (3)

Three credits in history numbered above 2999 (3)

Kinesiology Teaching Area Emphasis (K-12)

Requirements: 49 credits, including 6 credits in education methods

BIOL2010. Human Anatomy and Physiology I (3); **and**

BIOL2010L. Human Anatomy and Physiology I Laboratory (1)

BIOL2030. Human Anatomy and Physiology II (3); **and**

BIOL2030L. Human Anatomy and Physiology II Laboratory (1)

KINE1310. Introduction to Recreation and Kinesiology (3)

KINE2410. Introduction to Athletic Training & Physical Therapy w/ Laboratory (3)

KINE2430. Health Issues in Today's Society (3)

KINE2640. Kinesiology Majors Activity Laboratory (1) 4 required

KINE2730. Nutrition Across the Lifespan (2)

KINE2960. Field Experience in Kinesiology (1)

KINE3350. Teaching School Health (2)

KINE3360. Teaching PE in the Secondary Schools (2)

KINE3380. Teaching PE in the K-8 Schools (2)

KINE3560. Psychology and Techniques of Coaching (3)

KINE3600. Motor Development and Motor Learning (2)

KINE3630. Corrective and Adaptive PE (2)

KINE3640. Physiology of Exercise (3)

KINE3650. Biomechanics (3)

KINE4520. Tests and Measurements in Physical Education (3)

KINE4560. Administration of HPERD (3)

Other requirements:

Current First Aid/CPR certification (American Red Cross preferred)

Completion of Lifeguard or Water Safety Instruction (WSI) certification

Successful completion of the Kinesiology Department Fitness Component Tests

Kinesiology First Teaching Field Emphasis (K-12)

Requirements: 39 credits, including 4 credits in education methods

- KINE1310. Introduction to Recreation and Kinesiology (3)
- KINE2410. Introduction to Athletic Training & Physical Therapy w/ Laboratory (3)
- KINE2430. Health Issues in Today's Society (3)
- KINE2640. Kinesiology Majors Activity Laboratory (1) 2 required
- KINE2960. Field Experience in Kinesiology (1)
- KINE3360. Teaching Physical Education in the Secondary Schools (2)
- KINE3380. Teaching Physical Education in the K-8 Schools (2)
- KINE3560. Psychology and Techniques of Coaching (3)
- KINE3600. Motor Development and Motor Learning (2)
- KINE3630. Corrective and Adaptive Physical Education (2)
- KINE3640. Physiology of Exercise (3)
- KINE3650. Biomechanics (3)
- KINE4520. Tests and Measurements in Physical Education (3)
- KINE4560. Administration of HPERD (3)

One course and lab combination selected from:

- BIOL2010. Human Anatomy and Physiology I (3); **and**
- BIOL2010L. Human Anatomy and Physiology I Laboratory (1); **or**
- BIOL2030. Human Anatomy and Physiology II (3); **and**
- BIOL2030L. Human Anatomy and Physiology II Laboratory (1)

Other requirements:

- Current First Aid/CPR certification (American Red Cross preferred)
- Completion of Lifeguard or Water Safety Instruction (WSI) certification
- Successful completion of the Kinesiology Department Fitness Component Tests

Kinesiology Second Teaching Field Emphasis (K-12)

Requirements: 31 credits, including 4 credits in education methods

- KINE2410. Introduction to Athletic Training and Physical Therapy with Laboratory (3)
- KINE2430. Health Issues in Today's Society (3)
- KINE2640. Kinesiology Majors Activity Laboratory (1) 2 required
- KINE3360. Teaching Physical Education in the Secondary Schools (2)
- KINE3380. Teaching Physical Education in the K-8 Schools (2)
- KINE3560. Psychology and Techniques of Coaching (3)
- KINE3600. Motor Development and Motor Learning (2)
- KINE3630. Corrective and Adaptive Physical Education (2)
- KINE3640. Physiology of Exercise (3)
- KINE3650. Biomechanics (3)
- KINE4520. Tests and Measurements in Physical Education (3)
- KINE4560. Administration of HPERD (3)

Recommended:

- BIOL2010. Human Anatomy and Physiology I (3) **and**
- BIOL2010L. Human Anatomy and Physiology I Laboratory (1); **or**,
- BIOL2030. Human Anatomy and Physiology II (3); **and**
- BIOL2030L. Human Anatomy and Physiology II Laboratory (1)

Other requirements:

- Current First Aid/CPR certification (American Red Cross preferred)
- Completion of Lifeguard or Water Safety Instruction (WSI) certification
- Successful completion of the Kinesiology Department Fitness Component Tests

Mathematics Teaching Area Emphasis

Requirements: 51 credits, including 45 credits in mathematics (including COMP1220) of which 25 shall be numbered above 2999, 4 credits in physics, and 2 credits in secondary methods

COMP1220. Introduction to Computer Science (3)

EDUC3570. Teaching Mathematics in the Secondary School (2)

MATH2240. Elementary Statistics (3)

MATH2310. Discrete Mathematics (3)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3280. Modeling and Operations Research (3)

MATH3310. Introduction to Abstract Mathematics (3)

MATH3320. Linear Algebra (3)

MATH3410. Modern Geometry (3)

MATH3530. Calculus III (4)

MATH4100. History of Mathematics/Capstone (1)

MATH4320. Modern Algebra (4)

MATH4510. Introduction to Real Analysis (4)

Three mathematics elective credits (3)

One course and lab combination selected from:

PHYS1110. College Physics I (3); **and**

PHYS1110L. College Physics I Laboratory (1); **or**

PHYS2110. Physics for Science and Engineering I (3); **and**

PHYS2110L. Physics for Science and Engineering I Laboratory (1)

In addition to the above requirements, the student is required to complete the Mathematics Content Knowledge Praxis test (#5161)

Mathematics First Teaching Field Emphasis

Requirements: 36 credits, including 34 credits in mathematics (including COMP1220) of which 17 shall be numbered above 2999, and 2 credits in secondary methods

COMP1220. Introduction to Computer Science (3)

EDUC3570. Teaching Mathematics in the Secondary School (2)

MATH2240. Elementary Statistics (3)

MATH2310. Discrete Mathematics (3)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3280. Modeling and Operations Research (3)

MATH3310. Introduction to Abstract Mathematics (3)

MATH3320. Linear Algebra (3)

MATH3410. Modern Geometry (3)

MATH4100. History of Mathematics/Capstone (1)

MATH4320. Modern Algebra (4)

In addition to the above requirements, the student is required to complete the Mathematics Content Knowledge Praxis test (#5161)

Mathematics Second Teaching Field Emphasis

Requirements: 24-25 credits, including 22-23 credits in mathematics and 2 credits in secondary methods

EDUC3570. Teaching Mathematics in the Secondary School (2)

MATH2010. Fundamentals of Mathematical Structures I (3)

MATH2240. Elementary Statistics (3)

MATH2310. Discrete Mathematics (3)

MATH2510. Calculus I (4)

MATH3320. Linear Algebra (3)

MATH3410. Modern Geometry (3)

One course selected from:

MATH2020. Fundamentals of Mathematical Structures II (3)

MATH2520. Calculus II (4)

MATH3280. Modeling and Operations Research (3)

MATH3310. Introduction to Abstract Mathematics (3)

In addition to the above requirements, the student is required to complete the Mathematics Content Knowledge Praxis test (#5161)

Music Teaching Area Emphasis (K-12)

Requirements: 62 credits, including 54 credits in music, 8 credits in applied lessons, and 8 credits in education methods

MUSC0200. Master Class (0)

MUSC0250. Concert/Recital Attendance (0)

MUSC0900. Fundamentals of Music (2)

MUSC1200. Beginning Music Theory I (2)

MUSC1210. Beginning Music Theory Laboratory I (1)

MUSC1220. Beginning Music Theory II (3)

MUSC1230. Beginning Music Theory Laboratory II (1)

MUSC1310. Digital Music and Technology (3)

MUSC2200. Intermediate Music Theory I (3)

MUSC2210. Intermediate Music Theory Laboratory I (1)

MUSC2220. Intermediate Music Theory II (3)

MUSC2230. Intermediate Music Theory Laboratory II (1)

MUSC2240. Improvisation (3)

MUSC2350B. Brass Methods(1)

MUSC2350P. Percussion Methods(1)

MUSC2350S. Strings Methods (1)

MUSC2350W. Woodwinds Methods (1)

MUSC3210. Orchestration (3)

MUSC3260. Music History: Medieval, Renaissance and Baroque (3)

MUSC3270. Music History: Classic, Romantic and Modern (3)

MUSC3450. Teaching Music in the Elementary School I (2)

MUSC3460. Teaching Music in the Elementary School II (2)

MUSC3470. Teaching Music in the Secondary School I (2)

MUSC3480. Teaching Music in the Secondary School II (2)

MUSC3620. Basic Conducting, Choral Methods and Materials (3)

MUSC3630. Advanced Conducting, Instrumental Methods and Materials (3)

MUSC4000. Music Capstone Seminar (1)

MUSC4100. Forms and Analysis (3)

Eight credits in applied lessons (8)

Participation in ensembles (may be taken for credit)

Half-recital in the senior year

Keyboard proficiency shall be determined by examination before enrolling for student teaching.

Students may acquire needed skills by taking applied piano.

Additionally Music-Education majors are required to:

1. participate in a minimum of one ensemble each semester;
2. participate four semesters in the major ensemble appropriate for their primary performance medium;
3. perform in both large and small instrumental ensembles appropriate to their particular instrument. All students whose applied performance area is instrumental will enroll in a small ensemble (chamber group, jazz combo, or similar ensemble) for at least one semester;
4. study privately each semester in their primary performance medium (voice or instrument) (additional fee required);
5. pass a juried examination in their performance medium each semester. A minimum of six examinations must be on file to qualify for graduation in music. Exceptions will only be by permission from the chair of the Music Department.
6. attend ten recitals or concerts during each semester.

Familiarization and compliance with music program policies as outlined in the *Music Program Handbook* is the student's responsibility. Copies are available in the Music Department office.

Note: Most students require more than 8 semesters to complete this program.

Music Second Teaching Field Emphasis (K-12)

Requirements: 31 credits, including 8 credits in education methods

MUSC0900. Fundamentals of Music (2)

MUSC1200. Beginning Music Theory I (2)

MUSC1210. Beginning Music Theory Laboratory I (1)

MUSC1220. Beginning Music Theory II (3)

MUSC1230. Beginning Music Theory Laboratory II (1)

MUSC1310. Digital Music and Technology (3)

MUSC3450. Teaching Music in the Elementary School I (2)

MUSC3460. Teaching Music in the Elementary School II (2)

MUSC3470. Teaching Music in the Secondary School I (2)

MUSC3480. Teaching Music in the Secondary School II (2)

MUSC3620. Basic Conducting, Choral Methods, and Materials (3)

Two credits in a performance medium, instrument, or voice (2)

Three credits numbered above 2999 selected in consultation with major advisor (3)

Other requirements:

1. Take MUSC1010 (A Survey of Art and Music) or other approved Music History course as part of general education requirements (3)
2. Keyboard proficiency shall be determined by examination before enrolling for student teaching. Students may acquire needed skills by taking applied piano.

Physics Second Teaching Field Emphasis

Requirements: 34 credits, including 18 credits in physics, 14 credits in math, and 2 credits in secondary methods

PHYS2110. Physics for Science and Engineering I (3); **and**
PHYS2110L. Physics for Science and Engineering I Laboratory (1)
PHYS2120. Physics for Science and Engineering II (3); **and**
PHYS2120L. Physics for Science and Engineering II Laboratory (1)
PHYS3130. Modern Physics (3); **and**
PHYS3130L. Modern Physics Laboratory (1)
BIOL3640. Teaching Science in the Secondary School (2)

Two courses selected from:

PHYS3410. Analytic Mechanics (3) *
PHYS4610. Electricity and Magnetism (3) *
PHYS4720. Solid State Physics (3)
PHYS4810. Fundamentals of Quantum Mechanics (3)

The following math courses are required as they are pre/co-requisites to all the above physics courses:

MATH2510. Calculus I (4)
MATH2520. Calculus II (4)
MATH3530. Vector Calculus (3)
MATH3540. Differential Equations (3)

* These courses represent the areas typically taught in secondary schools.

Psychology Second Teaching Field Emphasis

Requirements: 20 credits

PSYC1550. Introduction to Psychology (3)
PSYC2100. Lifespan Development (3)
PSYC2215. Research Design (3)
PSYC2245L. Statistical Analysis Lab (1)
PSYC3455. Abnormal Psychology (3)
PSYC3702. Counseling Theory and Helping Skills (3)
PSYC3702L. Counseling Theory and Helping Skills Lab (1)

Minimum of three credits selected from:

PSYC1250. Psychology for Life (2)
PSYC1615. Careers in Psychology (2)
PSYC2559. Psychology of Motivation and Leadership (3)
PSYC3094. Topics in Psychology (1-3)
PSYC3701. Contemporary Approaches in Child and Adolescent Development (3)
PSYC4111. Human Sexuality (3)
PSYC4112. Human Diversity (3)
PSYC4511. Psychology of Religion (3)

Spanish First Teaching Field Emphasis

Requirements: 30 credits of which 22 shall be numbered above 2999, including 2 credits in secondary methods

SPAN2010. Intermediate Spanish (4)

SPAN2020. Intermediate Spanish (4)

SPAN3010. Advanced Conversation and Composition (3)

SPAN3094. Topics in Hispanic Culture, Literature, or Linguistics (3) linguistics topic

SPAN3630. Teaching Foreign Language in the Secondary School (2)

One course selected from Spanish or Hispanoamerican civilization:

SPAN3094. Topics in Hispanic Culture, Literature, or Linguistics (3) (cultural topic)

SPAN3310. Hispanic Civilization (3)

One course selected from Spanish or Hispanoamerican literature:

SPAN3094. Topics in Hispanic Culture, Literature or Linguistics (3) (literature topic)

SPAN3510. Survey of Hispanic Literature (3)

Eight credits in Spanish numbered above 2999 (8)

Additionally, Spanish Education majors are required to do the following:

1. Cultural immersion experience
2. Maintain a journal of cultural observations and resources related to their cultural immersion experience
3. Maintain a portfolio of 3 major papers representing the areas of linguistics, civilization, and literature
4. Demonstrate oral proficiency (ACTFL advanced level or better on a modified oral proficiency examination)

Cultural Immersion Experience: Students who have not lived in a cultural setting where Spanish is the primary language are required to study, travel, or work in such a setting for an extended period of time. Examples of acceptable experiences are a college-level summer school session, or academic-year program in a school such as the Universidad Internacional in Cuernavaca, Mexico, or the Latin American Studies Program in San Jose, Costa Rica. Approved Off-Campus (OCAM prefix) courses or approved transfer courses from travel-study programs may be substituted for courses listed in the categories above. Prior approval of a travel-study program must be obtained from the chair of Language, Literature and Cultural Studies. May fulfil a General Education Level 4 Cross Cultural Experience if taken with CLST1004CC Semester Abroad Intercultural Lab 4.

Spanish Second Teaching Field Emphasis

Requirements: 22 credits of which 3 shall be numbered above 2999, including 2 credits in secondary methods

SPAN2010. Intermediate Spanish (4)

SPAN2020. Intermediate Spanish (4)

SPAN3094. Topics in Hispanic Culture, Literature, or Linguistics (3) (linguistics topic)

SPAN3310. Hispanic Civilization (3)

SPAN3510. Survey of Hispanic Literature (3)

SPAN3630. Teaching Foreign Language in the Secondary School (2)

Three credits in Spanish numbered above 2999 (3)

Additional requirements:

1. Cultural immersion experience
2. Journal of cultural experiences and resources
3. Portfolio of 3 major papers representing linguistics, civilization and literature
4. Demonstration of oral proficiency

Department of History and Political Science

Faculty: Christian Esh (Department Chair), Justin Clardie, Stephen Shaw, and Alan Wheatley

Learning Objectives:

1. To help students acquire academic and intellectual expertise in their respective disciplines and majors.
2. To assist students in the development and application of their skills of critical analysis and research, creativity, and communication consistent with a Christian liberal arts education.
3. To develop scholar-servants who are enlightened and engaged citizens and who display a Christlike passion to promote justice, seek peace, and pursue tolerance in their communities.
4. To promote learning as a life-long skill and interest that will enable students to apply their talents professionally and to experience a deeply-rooted sense of challenge and fulfillment in their lives.

Majors

[Bachelor of Arts, History](#)

[Bachelor of Arts, International Studies](#)

[Bachelor of Arts, Political Science](#)

History Education

See [Secondary Education: History First Teaching Field](#), [History Second Teaching Field](#)

Minors

[History](#)

[Political Science](#)

Pre-Professional Program

[Pre-Law](#)

Bachelor of Arts, History

The department holds to the belief that the study of history is an essential component of a high quality education. Historical study develops and sharpens the mind by training students to think, to evaluate, to communicate and ultimately to judge, all valuable skills for most professional careers.

Administrator: Dr. Christian Esh, Chair, Department of History and Political Science

Requirements: 42-44 credits: 36 in history of which 24 shall be numbered above 2999

HIST1030. The World and the West I (3)

HIST1040. The World and the West II (3)

HIST2030. Conflict and Consensus: American History to 1877 (3)

HIST2040. Conflict and Consensus: American History from 1877 (3)

HIST4970. Senior Research and Thesis (4)

One year of foreign language (same language, either modern or classical) (6-8)

Twenty-one credits in history numbered above 2999 (21)

Bachelor of Arts, International Studies

The International Studies major provides the student with an understanding of international affairs through study of modern language, intercultural communication skills, business and international commerce, and the social and political realities which exist outside the United States. The major also develops in students critical liberal arts skills, such as written and oral communication and critical thinking, and encourages students to seek solutions to contemporary problems through the application of personal and Christian values. Most of the career choices in this area, such as diplomacy, law, international finance, bilingual service, international ministry, and others, require advanced degrees or further specialized training.

Administrator: Dr. Justin Clardie

Requirements: 54 credits from the departments of Behavioral Sciences, Business and Economics, History and Political Science, and Religion

ECON2420. Macroeconomic Analysis (3)

GEOG1050. Intro to Geography (3)

POLS1030. The Foundation of Politics: The Quest for Peace and Justice (3)

POLS1050. Introduction to International Relations (3)

POLS3210. Social Science Research Methods (3)

POLS3610. Comparative Politics (3)

POLS4560. International Peace and Global Governance (3)

POLS4970. Senior Thesis (4)

POLS4980. Seminar in International Studies (3)

9 Credits from the following courses, of which 3 shall have the HIST prefix:

ENGL3420 or ENGL3420W. Foreign Literature in Translation (3)

HIST3480. Modern Europe: 1800 - Present (3)

HIST3490. Modern Africa (3)

HIST3500. The Dragon and the Rising Sun (3)

MATH2240. Elementary Statistics (3)

REST3610. Exploring World Religious Traditions (3)

CLTA2250. Issues of Developing Nations I (3)

CLTA3250. Issues of Developing Nations II (3)

8 Credits of a modern foreign language numbered above 1999.

9 additional credits numbered above 2999 from the following areas:

Economics

Foreign Language

Political Science

Level IV Cross Cultural Experience

Bachelor of Arts, Political Science

Political science is the systematic study of government, public policy, and the political behavior of individuals and groups. This study develops and sharpens the mind and encourages students to seek solutions to contemporary public problems in relation to personal and Christian values.

Administrator: Dr. Steve Shaw

Requirements: 47 credits: 39 in political science of which 30 shall be numbered above 2999

POLS1010. American National Politics (3)

POLS1030. The Foundations of Politics: The Quest for Peace and Justice (3)

POLS1050. Introduction to International Relations (3)

POLS3410. American Political Thought and Ideology (3)

POLS3520. Theories of Politics (3)

POLS3610. Comparative Politics (3)

POLS4960. Internship in Political Science (3)

POLS4970. Senior Thesis (4)

One year of modern foreign language (same language) (8)

Fifteen credits in political science numbered above 2999 (15)

Minor, History

The minor in history provides a history program to students majoring in areas other than history. Through representative courses, students will be encouraged to develop communication, critical thinking and writing skills.

Administrator: Dr. Christian Esh, Chair, Department of History and Political Science

Requirements: 21 credits of which 15 shall be numbered above 2999

HIST1030. The World and the West I (3) **or**,

HIST1040. The World and the West II (3)

HIST2030. Conflict and Consensus: American History to 1877 (3) **or**

HIST2040. Conflict and Consensus: American History from 1877 (3)

Fifteen credits in history numbered above 2999 (15)

Minor, Political Science

The Political Science minor provides an introduction to the study of political behavior for students majoring in disciplines other than political science. Students will develop an appreciation for the political nature of our individual and collective existence and will develop and apply critical liberal arts skills, such as written and oral communication and critical thinking.

Administrator: Dr. Christian Esh, Chair, Department of History and Political Science

Requirements: 21 credits of which 12 shall be numbered above 2999

POLS1010. American National Politics (3)

POLS1030. The Foundations of Politics: The Quest for Peace and Justice (3)

POLS1050. Introduction to International Relations (3)

Twelve credits in political science numbered above 2999 (12)

Pre-Professional Program - Pre-Law

Administrator: Dr. Stephen Shaw

The Association of American Law Schools recommends no prescribed pre-law program but suggests that students pursue work in courses that require disciplined and logical thought and clear and careful communication, especially lucid writing. NNU's rigorous liberal arts education is ideal training for law school and the legal profession; any liberal arts major is excellent preparation, but students may find programs in economics, history, literature, mathematics, philosophy, political science, psychology, science, and sociology quite relevant. Students should note that the precise use of English is increasingly stressed in the Law School Aptitude Test (LSAT). The pre-law advisor, Dr. Stephen Shaw of the Department of History and Political Science, actively assists students in preparing for law school. Recent graduates have attended law schools throughout the United States.

Department of Kinesiology

Faculty: Scott Kinnaman (Department Chair), Roger Schmidt, Becky Louber

Learning Objectives:

1. Graduates of the department and general education students will be able to think critically and assess wellness benchmarks in order to increase awareness of personal wellness level competencies. (Truth & Transformation)
2. Graduates of the department will demonstrate current methods in leadership, management, and coaching techniques within respective professional employment environments. (Transformation, Community)
3. Graduates of the department will utilize and implement knowledge of the human body and its movement function within a recreational and/or an athletic setting in order to adapt and improve physical performance. (Truth)
4. Graduates of the department will be able to use a variety of information technologies, internships, field experiences, and student teaching experiences to help develop their personal style of leadership and instruction for future endeavors. (Transformation, Service)
5. Graduates of the department will be aware of the current health issues within the context of a complex societal environment. Graduates will understand issues of integrity and faith and the value these areas add to their profession. (Community)

Majors

Bachelor of Arts, Recreation and Sport Management

Athletic Training Emphasis

Kinesiology/Coaching Emphasis

Sport Management Emphasis

Outdoor Recreation Emphasis

Kinesiology Education

See [Secondary Education: Kinesiology Teaching Area](#), [Kinesiology First Teaching Field](#), [Kinesiology Second Teaching Field](#)

Bachelor of Arts, Recreation and Sport Management

Administrator: Chair, Kinesiology Department

Requirements: 49-50 credits, including completion of core courses (34 credits) and one area of emphasis (14-16 credits), 34 credits in Kinesiology of which 15 shall be numbered above 2999. All majors are required to pass fitness component tests as set forth by the Kinesiology Department.

Core courses:

BSNS3640. Principles of Management (3)
KINE1310. Introduction to Recreation and Kinesiology (3)
KINE2640. Kinesiology Majors Activity Laboratory (1) (4 credits required)
KINE2750. Outdoor Pursuits (2)
KINE2850. Camp Administration and Outdoor Education (2)
KINE2960. Field Experience in Kinesiology (1)
KINE3630. Corrective and Adaptive Physical Education (2)
KINE3640. Exercise Physiology (3)
KINE3650. Biomechanics (3)
KINE3960. Field Experience in Kinesiology/Recreation (1)
KINE4860. Recreation Management and Facilities Planning (3)
KINE4960a. Recreation and Sport Internship (3)
KINE4960b. Recreation and Sport Internship (3)
KINE4970. Senior Capstone (1)

All Recreation Sport Management majors must present evidence of successful completion of:

- Current First Aid/CPR certification (American Red Cross preferred)
- Completion of Lifeguard or Water Safety Instruction (WSI) certification
- Successful completion of the Kinesiology Department Fitness Component Tests

Athletic Training Emphasis

*This area of emphasis is not a NATA (National Athletic Trainers Association) curriculum approved course of study. Students pursuing an Athletic Training emphasis are encouraged to consider an approved graduate degree program in athletic training in order to qualify to take the NATA certifying examination.

Select 15-16 credits from the following courses:

BIOL2010. Human Anatomy and Physiology I (3); **and**,
BIOL2010L. Human Anatomy and Physiology I Laboratory (1)
BIOL2030. Human Anatomy and Physiology II (3); **and**,
BIOL2030L. Human Anatomy and Physiology II Laboratory (1)
KINE1960. Clinical Observation (1)
KINE2410. Introduction to Athletic Training & Physical Therapy w/ Laboratory (3)
KINE2430. Health Issues in Today's Society (3)
KINE2730. Nutrition Across the Lifespan (2)
KINE3440. Advanced Athletic Training (3)
KINE3600. Motor Development and Motor Learning (2)
KINE4560. Administration and Supervision of HPERD (3)

Kinesiology/Coaching Emphasis

Select 14-16 credits from the following courses:

BIOL2010. Human Anatomy and Physiology I (3); **and**,
BIOL2010L. Human Anatomy and Physiology I Laboratory (1)
KINE2410. Introduction to Athletic Training & Physical Therapy w/ Laboratory (3)
KINE2730. Nutrition Across the Lifespan (2)

KINE3380. Teaching Physical Education in the Elementary Schools (2)
KINE3440. Advanced Athletic Training (3)
KINE3560. Psychology and Techniques of Coaching (3)
KINE3600. Motor Development and Motor Learning (2)
KINE4560. Administration & Supervision of HPERD (3)

Sport Management Emphasis

Select 15 credits from the following courses:

ACCT2060. Financial Accounting (3)
BSNS2170. Computer Applications in Business (3)
BSNS3510. Principles of Marketing (3)
BSNS3530. Marketing Communications (3)
BSNS3650. Human Resource Management (3)
BSNS3810. Business Ethics (3)
BSNS4610. Entrepreneurship (3)
BSNS4670. Organizational Behavior (3)
ECON2410. Microeconomic Analysis (3)

Outdoor Recreation Emphasis

Select 14-16 credits from the following courses:

Complete 4 credits from the following:
BIOL1040. Environmental Science (3); **and**,
BIOL1040L. Environmental Science Laboratory (1)
PHYS1060. Descriptive Astronomy (3) **and**,
PHYS1060L. Descriptive Astronomy Laboratory (1)
BIOL2320. Idaho Birds of Prey (4)
BIOL2300. Idaho Amphibians (4)
KINE2700. Leadership in Outdoor Recreation (3)

Complete 4 credits from the following:

KINE2900A. Outdoor Skills - Land (2)
KINE2900B. Outdoor Skills - Water (2)
KINE2900C. Outdoor Skills - Snow (2)

Complete 3-5 credits from the following:

KINE1040. Outdoor Activities (1)
KINE1030. Climbing (1)
KINE1020. Skiing (downhill, snowboard, nordic) (1)
KINE1030. Archery/Riflery (1)
BSNS1110. Intro to Business (1)
PRTH1900. Introduction to Para-church Ministry (2)
KINE4094. Special Topics in Kinesiology (1-4)
BSNS3960. Internship in Business (2-3)

Certifications: Complete 2 certifications from the list below or other certifications with department chair approval:

Wilderness First Aid
CPR/First Aid/AED Lifeguarding
Swift Water Rescue
American Mt. Guides Certification
NOLS (National Outdoor Leadership School) Certification
Leave No Trace

Department of Language, Literature, and Cultural Studies

Bachelor of Arts, Chinese Studies

The major in Chinese Studies at NNU provides students an opportunity to enroll in foundational courses in Mandarin and Chinese culture at NNU and then continue advanced study of language and culture in China or at other universities with accredited programs in Chinese Studies. Courses in Mandarin and Chinese Culture are taught through NNU's Confucius Institute, a partnership between NNU, Northwest University in Xi'an, China, and China's Hanban Institute. Faculty members in the Chinese Studies Program are heritage speakers from Northwest University, and students in the program have the opportunity to study at Northwest or other universities in China. Students in Chinese Studies will learn increasingly complex grammar, Chinese characters, the pinyin phonetic system, and conversational Mandarin. Students are required to study abroad in China or at an accredited university with upper-division content in Chinese Studies.

Administrator: Chair, Department of Language, Literature, and Cultural Studies

Requirements: 49 credits (40 in Chinese Studies, of which 23 credits shall be numbered above 2999)

CHIN1010. Elementary Chinese (2)

CHIN1020. Elementary Chinese (2)

CHIN1030. Elementary Chinese (2)

CHIN1094. Topics in Chinese Culture, Literature or Linguistics (3)

CHIN2010. Intermediate Chinese (4)

CHIN2020. Intermediate Chinese (4)

CHIN3010. Advanced Conversation and Composition (3)

Twenty (20) elective credits in Chinese Studies, including at least twelve (12) credits from study abroad in China or an accredited program in Chinese Studies, approved by the primary major advisor or department chair.

Two courses in history, political science, or sociology (6)

One course in American literature, world literature, or philosophy (3)

Cultural Immersion Experience: Students who have not lived in a cultural setting where Mandarin is the primary language are required to study, travel, or work in such a setting for an extended period of time. Examples of acceptable experiences are a college-level summer school session, or academic-year program at Northwest University in Xi'an, China, or an accredited Chinese Studies Program. Approved Off-Campus (OCAM prefix) courses or approved transfer courses from travel-study programs may be substituted for courses listed in the categories above. Prior approval of a travel-study program must be obtained from the chair of the department and NNU's study abroad office.

Bachelor of Arts, English

The English major offers students an opportunity to experience representative American, British, and world literature; to discover and develop an appreciation of ideas and values; to cultivate critical thinking; to develop a knowledge of the English language and its operation; and to strengthen writing skills.

Administrator: Chair, Department of Language, Literature, and Cultural Studies

Requirements: 38 credits of which 25 shall be numbered above 2999 and foreign language equivalent

ENGL2310. British Literature: Beowulf through the Age of Reason (3)

ENGL2980. Introduction to the Study of Literature (1)

ENGL3120. Linguistics (3)

ENGL3320. Shakespeare (3)

ENGL3410. Greek and Roman Classics (3)

ENGL3510. Twentieth Century Poetry (3); **or**

ENGL3520. Twentieth Century Drama (3)

ENGL3910. Literary Criticism (3)

ENGL4980. Senior Seminar in English (1-3)

Two courses selected from:

ENGL2210. American Literature: Colonial Period to the Civil War (3)

ENGL3210. Major Authors in American Literature (3)

ENGL3250. The American Novel (3)

One course selected from:

ENGL3310. Major Authors in British Literature (3)

ENGL3350. The British Novel (3)

ENGL4340. Major Romantics and Victorians (3)

One course selected from:

ENGL2420. World Literature: The Ancient World to the Renaissance (3)

ENGL2430. World Literature: The Enlightenment to the Modern Era (3)

ENGL3420. Foreign Literature in Translation (3)

Six elective credits in English (excluding ENGL1030) (6)

The equivalent of one year's skill in a foreign language, met by successful completion of one year of foreign language study or by successful completion of a language skills test

Recommended: A second year of modern foreign language study

Minor, Cultural Studies

The minor in cultural studies provides students the opportunity to enhance their understanding of cultural and sociological concepts and deepen their appreciation of diverse cultural expressions.

Administrator: Chair, Department of Language, Literature, and Cultural Studies

Requirements: 22 credits, of which 10 shall be numbered above 2999, and the cultural immersion experience for minor students

ENGL3420. Foreign Literature in Translation (3), **or**

ENGL4270. Minority Voices in American Literature (3)

CLTA1550. Introduction to Cultural Anthropology (3)

CLTA2030. Intercultural Communication (3)

SOGY3180. Race, Class, and Gender (3)

One course selected from:

SOGY2250. Issues of Developing Nations I (3)
SOGY3250. Issues of Developing Nations II (3)
SOGY3550. Sociology of Religion (3)

One or two semesters of a modern foreign language (4-8) (same language)**Three to four credits in cultural studies numbered above 2999 (3-4)**

Cultural Immersion Experience for Minor Students: Students who have not lived in a cross-cultural setting different from their own culture(s) are required to study in such a setting for a brief period of time. Examples of acceptable experiences are a four-week college-level summer school session, or similar program at an international school recognized by Northwest Nazarene University. Approved Off-Campus (OCAM prefix) courses or approved transfer courses from travel-study programs may be substituted for courses listed in the categories above. Prior approval of a travel-study program must be obtained from the chair of the department. For more information about approved programs and university procedures for study abroad experiences, visit www.nnu.edu/studyabroad.

Minor, Literature

The minor in literature provides a literature program to students majoring in areas other than English. Students will learn how to read and appreciate literature. They will receive an introduction to the historical breadth of one world area, and read more deeply in each of the following: American, British, and world literature.

Administrator: Chair, Department of Language, Literature, and Cultural Studies

Requirements: 18 credits of which 12 shall be above 2999. Students must take at least one class from each of the following areas:

American Literature:

ENGL2210. American Literature to the Civil War (3)
ENGL2220. American Literature: Civil War to Present (3)
ENGL3210. Major Authors in American Literature (3)
ENGL3250. The American Novel (3)
ENGL4270. Minority Voices in American Literature (3)

British Literature:

ENGL2310. British Literature: Beowulf through the Age of Reason (3)
ENGL2320. British Literature: The Romantic Age to the Present (3)
ENGL3310. Major Authors in British Literature (3)
ENGL3350. The British Novel (3)
ENGL4340. Major Romantics and Victorians (3)
ENGL4350. Major British Authors to the Reconstruction (3)

World Literature:

ENGL2420. World Literature: The Ancient World to the Renaissance (3)
ENGL2430. World Literature: The Enlightenment to the Modern Era (3)
ENGL3410. Greek and Roman Classics (3)
ENGL3420. Foreign Literature in Translation (3)

Minor, Professional Writing

The minor provides students an introduction to the opportunities in print journalism. Students will learn the principles of professional writing and will have the opportunity to develop writing skills in a variety of creative modes. English majors will not be able to count English courses taken for their major.

Administrator: Chair, Department of Language, Literature, and Cultural Studies

Requirements: 21 credits of which 12 shall be above 2999.

ENGL2610W. Introduction to Journalism (3)

ENGL3020W. Principles of Writing (3)

ENGL3040W. Creative Writing - Prose (3)

ENGL3050. Creative Writing - Poetry (3)

ENGL3960. Internship in Professional Writing (3)

Two courses selected from:

COMM1420. Introduction to Public Relations (3)

COMM2250. Introduction to Scriptwriting (3)

COMM3250. Advanced Screenwriting (3)

Minor, Spanish

The minor in Spanish provides students majoring in areas other than Spanish the opportunity to acquire practical language proficiency, intercultural sensitivity, and cultural knowledge; to gain appreciation of the cultural contributions of Spanish-speaking peoples; and to reflect critically on their own cultural values.

Administrator: Chair, Department of Language, Literature, and Cultural Studies

Requirements: 20 credits of which 12 shall be numbered above 2999.

SPAN2010. Intermediate Spanish (4)

SPAN2020. Intermediate Spanish (4)

Twelve credits in Spanish numbered above 2999 representing two of the following areas (12)

Culture (including history and civilization)

Linguistics

Literature

Cultural Immersion Experience: Students who have not lived in a cross-cultural setting different from their own culture(s) are required to study in such a setting for a brief period of time. Examples of acceptable experiences are a four-week college-level summer school session, or a similar program at an international school recognized by Northwest Nazarene University. Approved Off-Campus (OCAM prefix) courses or approved transfer courses from travel-study programs may be substituted for courses listed in the categories above. Prior approval of a travel-study program must be obtained from the chair of the department. For more information about approved programs and university procedures for study abroad experiences, visit www.nnu.edu/studyabroad. May fulfill a General Education Level 4 Cross Cultural Experience if taken with CLST1004CCC Semester Abroad Intercultural Lab 4.

Department of Mathematics and Computer Science

Faculty: Jason Colwell, Dale Hamilton, Ed Korntved, Barry Myers (Department Chair)

Learning Objectives:

1. Every student should master the basic knowledge in the field of mathematics or computer science.
2. Every student should gain the required knowledge to prepare the student for employment after graduation or admission into graduate school.
3. Students should learn to think in a creative way but yet be able to express their thoughts in an organized fashion.
4. The computer science student should understand the basic principles of the major types of programming languages and other fundamental areas of computer science.
5. All students are expected to practice integrity in their daily interaction with their colleagues and in their work.

Majors

Bachelor of Science, Computer Science

Bachelor of Science, Mathematics

Bachelor of Arts, Computer Graphic Design

Bachelor of Arts, Computer Science

Bachelor of Arts, Computer Information Systems

Bachelor of Arts, Mathematics

Mathematics Education

See [Secondary Education: Mathematics Teaching Area](#), [Mathematics First Teaching Field](#), [Mathematics Second Teaching Field](#)

Minors

[Computer Science](#)

[Mathematics](#)

Bachelor of Science, Computer Science

Objective: This program prepares one for further study in the technology and application of computing or a career in business, science, or industry. Selected job titles of graduates include: programmer, software engineer, network analyst, systems analyst, game programmer, system administrator, web developer, web designer.

Administrator: Chair, Department of Mathematics and Computer Science

Requirements: 59-61 credits, including 38-42 in computer science

COMP1220. Introduction to Computer Science (3)

COMP2220. Computer Programming in C++ (3); **and**,

COMP2220L. Computer Programming in C++ Laboratory (1)

COMP2040. Introduction to Web Development (3) **or**

COMP2260. Event-Driven Programming (3); **and**,

COMP2260L. Event-Driven Programming Laboratory (1)

COMP2630. Computer Architecture (3)

COMP2750. Data Structures (3)

COMP3330. Database Design and Programming (3); **and**,

COMP3330L. Database Design and Programming Laboratory (1)

COMP3370. Systems Analysis and Design (3)

COMP3430. Operating Systems I (3); **and**,

COMP3430L. Operating Systems I Laboratory (1)

COMP3630. Networks and Data Communications I (3)

COMP3640. Networks and Data Communications II (3)

COMP3750. Algorithm Analysis (3)

COMP3970. Introduction to Senior Project (1)

COMP4680. Software Development Project (4); **or**,

COMP4970. Research (1-3)

COMP4980*. Senior Seminar/Capstone (1)

MATH2310. Discrete Mathematics (3)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3320. Linear Algebra (3)

MATH4240. Probability and Statistics I (3)

One course from:

COMP3230. Introduction to Spatial Analysis (3)

COMP3530. Computer Graphics (3); **and**,

COMP3530L. Computer Graphics Laboratory (1)

COMP4330. Machine Learning and Data Mining (3)

MATH3250. Probability and Statistics II (3)

MATH3280. Modeling and Operations Research (3)

MATH3540. Differential Equations (3)

MATH3560. Numerical Analysis (3)

MATH4320. Modern Algebra (4)

* COMP4980 must be taken at Northwest Nazarene University.

In addition to the above requirements, the student is required to complete a written subject examination in the field of Computer Science, e.g. ETS Major Field Test for Computer Science.

Bachelor of Science, Mathematics

Objective: This program is for students who wish to prepare for graduate study in the mathematical sciences or for a career in applied mathematics in science or industry.

Administrator: Chair, Department of Mathematics and Computer Science

Requirements: A minimum of 47 credits including at least 40 in mathematics of which 29 shall be numbered above 2999.

MATH2310. Discrete Mathematics (3)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3310. Introduction to Abstract Mathematics (3)

MATH3320. Linear Algebra (3)

MATH3530. Calculus III (4)

MATH3540. Differential Equations (4)

MATH4240. Probability and Statistics I (3)

MATH4320. Modern Algebra (4)

MATH4510. Introduction to Real Analysis (4)

COMP1220. Introduction to Computer Science (3)

Choose one of the following options:

MATH4250. Probability and Statistics II (3); **and,**

MATH4520. Introduction to Real Analysis (2); **or,**

MATH4330. Modern Algebra (2); **and,**

MATH4520. Introduction to Real Analysis (2)

Choose one of the following options:

PHYS1110. College Physics I (3); **and,**

PHYS1110L. College Physics I Laboratory (1); **or,**

PHYS2110. Physics for Science and Engineering I (3); **and,**

PHYS2110L. Physics for Science and Engineering I Laboratory (1)

In addition to the above requirements, the student is required to complete a written subject examination in the field of Mathematics, e.g. ETS Major Field Test for Mathematics or GRE Subject Test for Mathematics. Students who plan on graduate study are advised to acquire a reading knowledge of German or French.

Bachelor of Arts, Computer Science

Objective: This program is for students who wish to pursue a liberal arts degree with some specialization in computer science, but do not intend to enter graduate school in Computer Science. Selected job titles of graduates include: programmer, software engineer, network analyst, systems analyst, game programmer, system administrator, web developer, web designer.

Administrator: Chair, Department of Mathematics and Computer Science

Requirements: 61-63 credits including 35-37 in computer science

COMP1220. Introduction to Computer Science (3)

COMP2220. Computer Programming in C++ (3); **and**,

COMP2220L. Computer Programming in C++ Laboratory (1)

One course from:

COMP2040. Introduction to Web Development (3); **or**,

COMP2260. Event-Driven Programming (3); **and**,

COMP2260L. Event-Driven Programming Laboratory (1)

COMP2630. Computer Architecture (3)

COMP2750. Data Structures (3)

COMP3230. Introduction to Spatial Analysis (3)

COMP3330. Database Design and Programming (3); **and**,

COMP3330L. Database Design and Programming Laboratory (1)

COMP3370. Systems Analysis and Design (3)

COMP3630. Networks and Data Communications I (3)

COMP3970. Introduction to Senior Project (1)

COMP4680. Software Development Project (4); **or**,

COMP4970. Research (1-3)

COMP4980.* Senior Seminar/Capstone (1)

MATH2240. Elementary Statistics (3)

MATH2310. Discrete Mathematics (3)

Twenty credits in a specific area of concentration approved by the Department Chair.

Choose one of the following:

COMP3230. Introduction to Spatial Analysis (3)

COMP3430. Operating Systems I (3); **and**,

COMP3430L. Operating Systems I Laboratory (1)

COMP3530. Computer Graphics (3); **and**,

COMP3530L. Computer Graphics Laboratory (1)

COMP3640. Networks and Data Communications II (3)

COMP3750. Algorithm Analysis (3)

COMP4330. Machine Learning and Data Mining (3)

COMP4430. Compilers (3)

* COMP4980 must be taken at Northwest Nazarene University

In addition to the above requirements, the student is required to complete a written subject examination in the field of Computer Science, e.g. ETS Major Field Test for Computer Science.

Bachelor of Arts, Computer Graphic Design

Objective: This program is for students who wish to pursue a liberal arts degree with some specialization in computer science and graphic design, but do not intend to enter graduate school in computer science. Selected job titles of graduates include: programmer, software engineer, network analyst, systems analyst, game programmer, system administrator, web developer, web designer.

Administrator: Chair, Department of Mathematics and Computer Science

Requirements: 59-61 credits including 32-35 in computer science and 21 in graphic design.

COMP1220. Introduction to Computer Science (3)

COMP2220. Computer Programming in C++ (3); **and**,

COMP2220L. Computer Programming in C++ Laboratory (1)

ARDE1020. 2D Design (3)

ARDE2350. Graphic Design 1: Introduction to Visual Communication (3)

ARDE2360. Graphic Design 2: Typography (3)

ARDE2430. Introduction to Computer Graphics (3)

ARDE3340. Design History: Industrial Revolution to Contemporary Design (3)

ARDE3360. Graphic Design 3: Advanced Practice (3)

ARDE4440. Advanced Web Design (3)

COMP2040. Introduction to Web Development (3); **or**,

COMP2260. Event-Driven Programming (3); **and**,

COMP2260L. Event-Driven Programming Laboratory (1)

COMP2630. Computer Architecture (3)

COMP2750. Data Structures (3)

COMP3330. Database Design and Programming (3); **and**,

COMP3330L. Database Design and Programming Laboratory (1)

COMP3370. Systems Analysis and Design (3)

COMP3630. Networks and Data Communications I (3)

COMP3970. Introduction to Senior Project (1)

COMP4680. Software Development Project (4); **or**,

COMP4970. Research (1-4)

COMP4980.* Senior Seminar/Capstone (1)

MATH2240. Elementary Statistics (3)

MATH2310. Discrete Mathematics (3)

Choose one of the following:

COMP3230. Introduction to Spatial Analysis (3)

COMP3430. Operating Systems I (3); **and**

COMP3430L. Operating Systems I Laboratory (1)

COMP3530. Computer Graphics (3); **and**,

COMP3530L. Computer Graphics Laboratory (1)

COMP3640. Networks and Data Communications II (3)

COMP3750. Algorithm Analysis (3)

COMP4330. Machine Learning and Data Mining (3)

COMP4430. Compilers (3)

*COMP4980 must be taken at Northwest Nazarene University

In addition to the above requirements, the student is required to complete a written subject examination in the field of Computer Science, e.g. ETS Major Field Test for Computer Science.

Bachelor of Arts, Computer Information Systems

Objective: This program is for students who wish to pursue a liberal arts degree with some specialization in computer science and business, but do not intend to enter graduate school in computer science. Selected job titles of graduates include: programmer, software engineer, network analyst, systems analyst, game programmer, system administrator, web developer.

Administrator: Chair, Department of Mathematics and Computer Science

Requirements: 59-61 credits including 32-35 in computer science and 19 in business.

COMP1220. Introduction to Computer Science (3)

COMP2220. Computer Programming in C++ (3); **and**,

COMP2220L. Computer Programming in C++ Laboratory (1)

ACCT2060. Financial Accounting (3)

BSNS1110. Introduction to Business (1)

BSNS3030. Management Information Systems (3)

BSNS3510. Principles of Marketing (3)

BSNS3640. Principles of Management (3)

COMP2040. Introduction to Web Development (3); **or**,

COMP2260. Event-Driven Programming (3); **and**,

COMP2260L. Event-Driven Programming Laboratory (1)

COMP2630. Computer Architecture (3)

COMP2750. Data Structures (3)

COMP3330. Database Design and Programming (3); **and**,

COMP3330L. Database Design and Programming Laboratory (1)

COMP3370. Systems Analysis and Design (3)

COMP3630. Networks and Data Communications I (3)

COMP3970. Introduction to Senior Project (1)

COMP4680. Software Development Project (4); **or**,

COMP4970. Research (1-4)

*COMP4980. Senior Seminar/Capstone (1)

ECON2410. Microeconomic Analysis (3)

MATH2240. Elementary Statistics (3)

MATH2310. Discrete Mathematics (3)

One additional course prefixed ACCT, BSNS, or ECON 3000 or above (3)

Choose one of the following:

COMP3230. Introduction to Spatial Analysis (3)

COMP3430. Operating Systems I (3); **and**,

COMP3430L. Operating Systems I Laboratory (1)

COMP3530. Computer Graphics (3); **and**,

COMP3530L. Computer Graphics Laboratory (1)

COMP3640. Networks and Data Communications II (3)

COMP3750. Algorithm Analysis (3)

COMP4330. Machine Learning and Data Mining (3)

COMP4430. Compilers (3)

* must be taken at Northwest Nazarene University

In addition to the above requirements, the student is required to complete a written subject examination in the field of Computer Science, e.g. ETS Major Field Test for Computer Science.

Bachelor of Arts, Mathematics

Objective: This program is for students who wish to pursue a liberal arts degree with specialization in mathematics.

Administrator: Chair, Department of Mathematics and Computer Science

Requirements: 48-51 credits including at least 35 in mathematics of which 24 shall be upper division. Completion of core course plus Option A or Option B is required.

COMP1220. Introduction to Computer Science (3)

MATH2310. Discrete Mathematics (3)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3310. Introduction to Abstract Mathematics (3)

MATH3320. Linear Algebra (3)

MATH3530. Calculus III (4)

MATH3540. Differential Equations (4); **or**,

MATH4510. Introduction to Real Analysis (4)

MATH4240. Probability and Statistics I (3)

MATH4320. Modern Algebra (4)

Option A

MATH3280. Modeling and Operations Research (3)

MATH3560. Numerical Analysis (3); **or**,

MATH4250. Probability and Statistics II (3)

COMP2220. Computer Programming in C++ (3); **and**,

COMP2220L. Computer Programming in C++ Laboratory (1)

COMP2750. Data Structures (3)

Option B

MATH3280. Modeling and Operations Research (3)

Nine credits of approved business/economics courses (9)

PHYS1110. College Physics I (3); **and**,

PHYS1110L. College Physics I Laboratory (1); **or**,

PHYS2110. Physics for Science and Engineering I (3); **and**,

PHYS 2110L. Physics for Science and Engineering I Laboratory (1)

Students who plan on graduate study are advised to acquire a reading knowledge of German or French.

In addition to the above requirements, the student is required to complete a written subject examination in the field of Mathematics, e.g. ETS Major Field Test for Mathematics or *GRE* Subject Test for Mathematics.

Minor, Computer Science

Objective: This program will give a student a background in the field of computer science.

Administrator: Chair, Department of Mathematics and Computer Science

Requirements: 23-24 credits, including 10 upper-division credits. Every student must complete the following:

COMP1220. Introduction to Computer Science (3)

COMP2220. Computer Programming in C++ (3); **and**,

COMP2220L. Computer Programming in C++ Laboratory (1)

COMP2750. Data Structures (3)

COMP3330. Database Design and Programming (3); **and**,

COMP3330L. Database Design and Programming Laboratory (1)

COMP3370. Systems Analysis and Design (3)

One course from:

COMP2040. Introduction to Web Development (3); **or**,

COMP2260. Event-Driven Programming (3); **and**,

COMP2260L. Event-Driven Programming Laboratory (1)

One additional 3-credit COMP-prefixed course numbered 3000 or above

Minor, Mathematics

Objective: This program will give a student a background in the field of mathematics with one of two options.

Administrator: Chair, Department of Mathematics and Computer Science

Requirements: A minimum of 21 credits, including at least 13 upper division credits.

Every student must complete the following three courses along with Option A or Option B.

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3320. Linear Algebra (3)

Option A

MATH3310. Introduction to Abstract Mathematics (3)

MATH4240. Probability and Statistics I (3); **or**,

MATH3560. Numerical Analysis (3)

MATH4320. Modern Algebra (4); **or**,

MATH4510. Introduction to Real Analysis (4)

Option B

Three of the following courses:

MATH3280. Modeling and Operations Research (3)

MATH3530. Calculus III (4)

MATH3540. Differential Equations (4)

MATH3560. Numerical Analysis (3)

Department of Military Science

Department Objective: The Reserve Officers' Training Corps (ROTC) was established at Northwest Nazarene University in 1995 as a partnership with Boise State University under provisions recommended to the State Board of Education and in accordance with national requirements. Participation by students in the program is voluntary.

The objective of senior Army ROTC is to provide world-class leadership training to transform Scholar - Athlete - Leaders at Northwest Nazarene University into commissioned officers prepared to lead small units upon arrival to their first unit of assignment in the United States Army, Army Reserves, and Army National Guard.

Minors

Military Science

Minor, Military Science

Objective: This program will prepare qualified students for a commission as a Second Lieutenant in the United States Army.

Requirements: Students who wish to enroll in the minor curriculum in military science must first apply and be accepted to upper-division (candidacy) for the advance program in military science. All Advanced Course ROTC students must be United States citizens. Non-citizens desiring to enroll in ROTC may attend classroom instruction only for the Basic Course. Every student must complete the following:

- MILS3010. Adaptive Team Leadership (3)
- MILS3020. Leadership in Changing Environments (3)
- MILS3900. Military Science Practicum (6)
- MILS4010. Developing Adaptive Leaders (3)
- MILS4020. Leadership in a Complex World (3)

Department of Music

Faculty: Philip Miller (Department Chair), Casey Christopher, Walden Hughes, Judy Marlett, George Turner

Learning Objectives: The objective of the music curriculum is to develop within students excellence in creating, performing, and appreciating music. The program serves the total student body by providing ensembles, lessons, and courses, which are open to all students. Also, the program makes available to the student body concerts and recitals throughout the year in the Swayne Auditorium and other auditoriums on campus. The program's course offerings provide the opportunity to do the following:

1. Pursue careers in music
2. Develop one's perception of the intrinsic and aesthetic values within musical expression (Truth)
3. Understand the interrelatedness of music and Christian service (Community and Service)
4. Prepare for service in Church and community (Community and Service)
5. Relate music to life-long learning (Transformation)

Majors

[Bachelor of Arts, Music](#)

Applied Emphasis

Track I Piano

Track II Voice

Track III Instrumental

Track IV Theory/Composition

Music Industry Emphasis

General Music Emphasis

Worship and Music Ministry Emphasis

Music Education

See [Secondary Education: Music Teaching Area](#), [Music Second Teaching Field](#)

Minors

Acting

Music

Music Industry

Worship and Music Ministry

Bachelor of Arts, Music

Administrator: Chair, Department of Music

Requirements for Applied, Music Industry, and General Music Emphasis: 48-57 credits: 32 core credits and the requirements for one area of emphasis (16-25)

Core Courses: 32 credits

MUSC0200. Master Class (0)
MUSC0250. Concert/Recital Attendance (0)
MUSC0900. Fundamentals of Music (2)
MUSC1200. Beginning Music Theory I (2)
MUSC1210. Beginning Music Theory Laboratory I (1)
MUSC1220. Beginning Music Theory II (3)
MUSC1230. Beginning Music Theory II Laboratory (1)
MUSC1310. Digital Music and Technology (3)
MUSC2200. Intermediate Music Theory I (3)
MUSC2210. Intermediate Music Theory Laboratory I (1)
MUSC2220. Intermediate Music Theory II (3)
MUSC2230. Intermediate Music Theory Laboratory II (1)
MUSC3260. Music History: Medieval, Renaissance and Baroque (3)
MUSC3270. Music History: Classic, Romantic and Modern (3)
MUSC3600. Basic Conducting (2)
MUSC4000. Music Capstone Seminar (1)
MUSC4100. Forms and Analysis (3)

An acceptable level of keyboard proficiency (determined by examination) is required in all emphases. A student may acquire needed skills by taking available piano courses.

Additionally all music majors are required to:

1. participate in a minimum of one ensemble each semester
2. participate four semesters in the major ensemble appropriate for their primary performance medium
3. study privately each semester in their primary performance medium (voice or instrument) (additional fee required)
4. pass a juried examination in their performance medium each semester. A minimum of six examinations must be on file to qualify for graduation in music. Exceptions will only be by permission from the chair of the Music Department.
5. attend ten recitals or concerts during each semester.

Familiarization and compliance with music program policies as outlined in the Music Program Handbook is the student's responsibility. Copies are available in the department office.

Applied Emphasis

Designed for students interested in music performance and private studio teaching, and those who plan to pursue graduate work in performance, pedagogy, or theory. Requirements below are in addition to the 32 Core Course credits listed above.

Track I Requirements (Piano): 23 credits

Major performance medium: 13 credits

MUSC3430. Performance Practices (1)

MUSC4390. Piano Methods (3)

Recital during junior and senior years

Electives - Six credits from the following:

MUSC3220. Counterpoint (3)

MUSC3230. Composition (3)

Three credits in music numbered above 2999 (3)

Track II Requirements (Voice): 21 credits

Major performance medium: 12 credits

MUSC3440. Diction (3)

MUSC4410. Voice Methods (3)

Recital during junior and senior years

Electives - Three credits from the following:

MUSC3220. Counterpoint (3)

MUSC3230. Composition (3)

Track III Requirements (Instrumental): 21 credits

Major performance medium: 12 credits

MUSC3099. Directed Study - Methods (3)

Recital during junior and senior years

Electives - Six from the following:

MUSC3220. Counterpoint (3)

MUSC3230. Composition (3)

Three credits in music numbered above 2999 (3)

Track IV Requirements (Theory/Composition): 21-22 credits

Major performance medium: 8 credits

MUSC3210. Orchestration (3)

MUSC3220. Counterpoint (3)

MUSC3230. Composition (3)

MUSC3610. Advanced Conducting (2)

Recital and/or project during senior year

Electives - Two-three credits from the following:

MUSC1010. Survey of Art and Music (3)

MUSC2350B. Brass Methods (1)

MUSC2350P. Percussion Methods (1)

MUSC2350S. String Methods (1)

MUSC2350W. Woodwind Methods (1)

Music Industry Emphasis

Designed for students interested in pursuing a career in commercial music avenues.

Requirements: 29 credits

MUSC2950. Field Experience in Music Management I (1)

MUSC2951. Field Experience in Music Management II (1)

MUSC3150. Music Technology Lab (1)

MUSC3210. Orchestration (3)

MUSC3230. Composition (3)

MUSC3650. Advanced Audio Technology (3)

MUSC4950B. Internship in Audio Engineering (1-3) (3 required) (may be repeated)

MUSC4980. Seminar in Music Business Management (3)

Half recital during the senior year

Business Courses:

ACCT2060. Financial Accounting (3)

BSNS3510. Principles of Marketing (3)

Communication Studies Courses:

COMM2280. Audio for Film and Television (2)

COMM3280. Media Law and Ethics (3)

General Music Emphasis

Designed to give the student a general background in music and a working knowledge of its elements.

Requirements: 16 credits

Required:

MUSC1010. A Survey of Art and Music (3)

MUSC2240. Improvisation (3)

MUSC3750. Symphonic Literature (1)

Half recital or project senior year.

Electives - 9 credits from the following:

MUSC3220. Counterpoint (3) **or**

MUSC3230. Composition (3)

Six credits in music numbered above 2999 (6)

Worship and Music Ministry Emphasis

Designed for students interested in pursuing a career in music ministry through church music leadership.

Requirements: 50-51 credits

Revised Core Courses: 33 credits

MUSC0200. Master Class (0)
MUSC0250. Concert/Recital Attendance (0)
MUSC0900. Fundamentals of Music (2)
MUSC1200. Beginning Music Theory I (2)
MUSC1210. Beginning Music Theory Laboratory I (1)
MUSC1220. Beginning Music Theory II (3)
MUSC1230. Beginning Music Theory Laboratory II (1)
MUSC1310. Digital Music and Technology (3)
MUSC2096. Field Experience in Music Ministry (1)
MUSC2110. Introduction to Worship Ministry and Leadership (2)
MUSC2200. Intermediate Music Theory I (3)
MUSC2210. Intermediate Music Theory Laboratory I (1)
MUSC2240. Improvisation (3)
MUSC3200. Practicum in Worship Planning and Leadership (3)
MUSC3600. Basic Conducting (2)
MUSC4000. Music Capstone Seminar (1)
MUSC4510. Music in Worship and Ministry (3)
MUSC4950A. Internship in Church Music (1-2) (2 required)
Half recital in senior year.

Electives - 11 or 12 credits from the following:

MUSC3260. Music History: Medieval, Renaissance and Baroque (3); **or**,
MUSC3270. Music History: Classic, Romantic and Modern (3)
MUSC3210. Orchestration (3); **or**,
MUSC3230. Composition (3)
MUSC3610. Advanced Conducting (2) **or**,
three additional credits in music numbered above 2999
ARDE2430. Introduction to Computer Graphics (3); **or**
MUSC4650. Advanced Audio Technology (3)

Religion Courses: 6 credits

PRTH4820. Pastoral Leadership (3)
Three credits in PRTH numbered above 2999.

Additionally Worship and Music Ministry Majors are required to take applied music lessons each semester. (additional fee required). Students whose primary performance medium is voice must take at least two semesters of guitar. Students whose primary performance medium is instrumental must take at least two semesters of voice. (additional fee required).

Minor, Acting

Requirements: 18-19 credits

MUSC1260. Fundamentals of Acting (3)
MUSC1270. Introduction to Directing (3)
MUSC2260. Advanced Acting (3)
MUSC2420. Musical Theatre Production (1)
MUSC2470/4470. Troupe (1-2)
MUSC2480/4480. Theatre Production (1)
ENGL3320. Shakespeare (3) **or**,
ENLG3320W. Shakespeare (3)
ENGL3520. Twentieth Century Drama (3)

Minor, Music

Requirements: 21-23 credits

MUSC0900. Fundamentals of Music (2)
MUSC1200. Beginning Music Theory I (2)
MUSC1210. Beginning Music Theory Laboratory I (1)
MUSC1220. Beginning Music Theory II (3)
MUSC1230. Beginning Music Theory Laboratory II (1)
MUSC1310. Digital Music and Technology (3)
MUSC3260. Music History: Medieval, Renaissance and Baroque (3); **or**,
MUSC3270. Music History: Classic, Romantic and Modern (3)
MUSC3600. Basic Conducting (2); **or**,
MUSC3610. Advanced Conducting (2)

Three credits in music numbered above 2999; not including ensembles or applied music (3)

A minimum of three credits of applied music and/or ensemble credit (additional fee required for applied music) (3)

Minor, Music Industry

Requirements: 24 credits

MUSC0900. Fundamentals of Music (2)
MUSC1310. Digital Music and Technology (3)
MUSC2950. Field Experience in Music Management I (1)
MUSC3150. Music Technology Lab (1)
MUSC3600. Basic Conducting (2)
MUSC3650. Advanced Audio Technology (3)
MUSC4980. Seminar in Music Business Management (3)
ACCT2060. Financial Accounting (3)
BSNS3510. Principles of Marketing (3); **or**
BSNS3094. TP: Social Media Marketing (3)

Three credits of applied music or ensemble credit (3)

Music Industry Senior Project

Minor, Worship and Music Ministry

Requirements: 28-29 credits

- MUSC0900. Fundamentals of Music (2)
- MUSC1200. Beginning Music Theory I (2)
- MUSC1210. Beginning Music Theory Laboratory I (1)
- MUSC1220. Beginning Music Theory II (3)
- MUSC1230. Beginning Music Theory Laboratory II (1)
- MUSC2096. Field Experience in Church Music (1)
- MUSC2110. Introduction to Music Ministry and Leadership (1)
- MUSC3200. Practicum in Worship Planning and Leadership (2)
- MUSC3210. Orchestration (3)
- MUSC3260. Music History: Medieval, Renaissance and Baroque (3); **or**,
MUSC3270. Music History: Classic, Romantic and Modern (3)
- MUSC3600. Basic Conducting (2)
- MUSC4510. Music in Worship and Ministry (3)
- MUSC4950A. Internship in Church Music (1-2)

A minimum of three credits of applied music and/or ensemble credit (additional fee required for applied music) (3)

Department of Nursing

Faculty: Barbara Lester (Chief Nursing Administrator), Jan Crabill, Michelle Hunt, April Orduno, Jane Weis, Bonnie Zaroban

Nursing Mission Statement:

The mission of the baccalaureate nursing program at Northwest Nazarene University is to provide a quality education in professional nursing, grounded in the liberal arts. We endeavor to develop graduates who will:

- Serve God and humanity
- Act with wisdom, integrity and caring
- Demonstrate competence in an environment of diversity and change
- Develop effective nursing leadership strategies
- Value the pursuit of professional growth and graduate education

Nursing Program Learning Outcomes:

Graduates of the Bachelor of Science in Nursing program at Northwest Nazarene University will:

1. Integrate scientific and liberal arts education into nursing practice which is provided within a Christian perspective.
2. Apply leadership concepts and participate in nursing teams and with other members of the healthcare team to provide safe, high quality patient health outcomes.
3. Translate critical thinking principles into the clinical arena and lifelong learning in order to establish the foundation for their evidence-based practice and lifelong learning.
4. Utilize available technologies to advocate for patient safety, confidentiality, management of information, and work redesign.
5. Have a working knowledge of healthcare policy, finance, and structure at the local, regional, national, and global levels in order to advocate for patients and the profession.
6. Participate in assessment and educational initiatives to promote wellness and illness/disease/injury prevention to improve health for populations.
7. Integrate values reflective of the character of God and the Christian worldview, as well as those of professional ethics into their daily practice of nursing and the advancement of nursing as a profession.
8. Exhibit caring behaviors that show respect for the value and uniqueness of diverse persons as they safely integrate the nursing process for individuals, families, groups, and communities.
9. Articulate the value of pursuing practice excellence and professional engagement to foster professional growth and development.

These outcomes reflect the expectations of the *AACN Essentials for Baccalaureate Nursing Education* and the mission of the University and the Department of Nursing.

Major

Bachelor of Science in Nursing

Bachelor of Science in Nursing

Administrator: Chief Nursing Administrator, Department of Nursing

Requirements for Admission to the Bachelor of Science in Nursing Program

1. Apply and be accepted to Northwest Nazarene University Undergraduate Admissions **before** submitting an application to the Department of Nursing Pre-licensure Program.
2. Submit online *Application for Admission to the Department of Nursing Pre-licensure Program*.
3. Minimum grade of "C" in courses listed as prerequisite to the Department of Nursing Pre-licensure Program.
4. Cumulative GPA of 2.750 on a scale of 4.0 (based on Department of Nursing Plan of Study-prerequisite courses or equivalents)
5. Meet designated requirements of the TEAS (Test of Essential Academic Skills)
6. Interview with the Nursing Admission & Progression Committee
7. Transfer students **must** meet with and be advised by the pre-nursing advisor
8. Meet health requirements (*Essential Performance Standards for Nursing Practice*)

Prerequisite Courses for Admission to the Bachelor of Science in Nursing Program.

Minimum grade of "C" required

BIOL2010. Human Anatomy and Physiology I (3); and,
BIOL2010L. Human Anatomy and Physiology I Laboratory (1)
BIOL2030. Human Anatomy and Physiology II (3); and,
BIOL2030L. Human Anatomy and Physiology II Laboratory (1)
CHEM1210. Principles of Organic and Biochemistry (3)*; and,
CHEM1210L. Principles of Organic and Biochemistry Laboratory (1)*
CLTA1550. Introduction to Cultural Anthropology (3)**
ENGL1030. University Writing and Research (3)
NURS1000. Introduction to Professional Nursing (1)
NURS2100. Medical Terminology (1)
PSYC1550. Introduction to Psychology (3)

*One semester of Chemistry is required for entrance into the nursing program;
Organic/Biochemistry is preferred.

**For transfer students, the Department of Nursing will accept either Introduction to Sociology or an approved Introduction to Cultural Anthropology course.

The following courses are taken concurrently with the nursing program.

Minimum grade of "C" required

BIOL2420. Microbiology (3); and,
BIOL2420L. Microbiology Laboratory (1)
BIOL3820. Pathophysiology (3)
KINE2730. Nutrition Across the Lifespan (2)
MATH2240. Elementary Statistics (3) *or comparative statistics course*
PSYC 2100. Lifespan Development (3)

Nursing Courses

Minimum grade of "C" is required as a final grade in the nursing courses listed below. Additionally, a 73.0% average on tests/examinations is required to pass each course. Nursing courses not implementing the 73% test average are NURS4010, NURS4020, NURS4030, and NURS4040.

NURS1000. Introduction to Professional Nursing (1)
NURS2000. Health Assessment of Family Health Nursing (3)
NURS2015. Foundations of Professional Nursing and Nursing Care of the Older Adult (4)
NURS2030. Fundamentals of Family Health Nursing (5)
NURS2100. Medical Terminology (1)
NURS3010. The Childbearing Family (3)
NURS3015. Pediatrics and the Family Unit (3)
NURS3020. Mental Health (3)
NURS3030. Medical Surgical Nursing: Acute and Chronic Health Needs (6)
NURS3040. Pharmacology (3)
NURS4000. Medical Surgical Nursing: Complex Health Needs (5)
NURS4010. Nursing of Diverse Populations in the Community (4)
NURS4020. Leadership and Management in Professional Nursing (3)
NURS4030. Nursing Research/Evidence Based Practice (3)
NURS4040. Transition to Professional Nursing Practice/Capstone (4)

Refer to this catalog for the Standard General Education requirements.

Department of Philosophy and Religion

Faculty: Jay Akkerman, Joseph Bankard, Rhonda Carrim, Joseph Gorman, Mike Kipp, Diane Leclerc, Brent Peterson, Stephen Riley, Richard Thompson, Celia Wolff

The Department of Philosophy and Religion serves both general students and departmental majors. Graduates of the Department will be able to enter a variety of fields. Those who major in philosophy will be prepared for graduate work in philosophy, ethics, religion, law, and related fields. Those who pursue academic programs focused on ministry preparation may pursue pastoral or lay ministries according to their calling and choice of minor, as well as graduate work in religion.

Majors

Bachelor of Arts, Biblical Studies
Bachelor of Arts, Christian Ministry
Bachelor of Arts, Intercultural Ministry (Missions)
Bachelor of Arts, Philosophy
Bachelor of Arts, Philosophy and Religion
Bachelor of Arts, Youth Ministry

Minors

Bible
Biblical Languages
Children's Ministries
Christian Ministry
Evangelism
Missions
Parachurch Ministries
Pastoral Ministries
Philosophy
Theology
Worship Leadership
Youth Ministries

Minors in the Department of Philosophy and Religion serve two purposes:

1. Combined with the Christian Ministry major, most minors equip students for focused ministry.
2. The minors provide an introduction to focused ministry areas and/or academic disciplines for nondepartmental majors.

In consultation with a Philosophy and Religion Department faculty advisor, an individualized minor may be designed to prepare a student for a ministry area not addressed by the published minors.

The graduates of the Christian Ministry, Youth Ministry, or Intercultural Ministry major with a departmental minor and ministerial standing fulfill the Course of Study (COS) educational requirements for ordination in the Church of the Nazarene. These include the following outcomes:

1. **Content:** Graduates will have knowledge of the content and interpretation of the Old and New Testaments, the theology of the Christian faith, the doctrine of holiness, the history and mission of the church and the history and polity of the Church of the Nazarene.
2. **Competency:** Graduates will possess abilities in oral and written communication, analytical thinking, management and leadership, finance and church administration, preaching, pastoral care and counseling, worship leadership, evangelism and Christian education.
3. **Character:** Graduates will have knowledge of Christian ethics, spiritual formation, human development, and marriage and family life. They will demonstrate personal growth in their own character and spirituality.
4. **Context:** Graduates will have knowledge of the historical, social and contemporary environment in which they minister and be able to relate the mission of the church to that context.

Ministerial Preparation

The Department of Philosophy and Religion provides oversight and guidance to students preparing for Christian vocational ministry. Ministerial preparation includes academic achievement, personal development, and divine calling. Each major or minor sets forth a program of academic achievement.

The student's progress is monitored by the administrator of the major or minor. Matters of personal development are treated in a series of courses (PRTH1710, 2960, 3210, 3960, 4960) spread throughout the student's years of enrollment. Such matters as a call to ministry, personal religious experience, self-understanding and character development, professional conduct, avenues of Christian service, and ministerial licensing are discussed with each student. These courses include many hours of field experience and internship in a ministry setting, as well as personal interviews by members of the faculty and area pastors.

Because of the increasing complexity of ministry in contemporary society, the School and the Church of the Nazarene strongly encourage all ministerial students to prepare themselves well and complete a seminary education. Those students who do not intend to pursue graduate-level education for ministry preparation are urged to select the Christian Ministry major with an appropriate departmental minor in preparation for ministry following graduation. Those students who intend to fulfill the educational requirements for ordination in the Church of the Nazarene through their undergraduate program must complete either the Christian Ministry major with an appropriate departmental minor or the Missions major with a minor in Christian Ministry.

Ministerial Standing

Ministerial Standing is a formative process that encourages the highest possible standards in students planning to enter vocational ministry. This process seeks to be developmental and holistic by recognizing personal growth in students over time, rather than merely applying a fixed standard uniformly. The items assessed in the process toward acceptance are: academic performance (Truth), personal initiative, leadership (Community), spiritual formation (Transformation), and the ability to integrate academic learning into the local ministry context (Service).

Prior to achieving Ministerial Standing, a student is considered to be in ministry observation/exploration. However, Ministerial Standing is mandatory for formal admission to a program of ministry preparation and for graduation with a Christian Ministry, Youth Ministry or Intercultural Ministry major from the School of Theology and Christian Ministries (STCM).

Ministerial Standing is also required for those students who are seeking to fulfill the educational requirements for ordination in the Church of the Nazarene. In addition, Ministerial Standing will be strongly considered in awarding Religion Department scholarships as well as in making recommendations to local churches, pastors, church leaders, and graduate schools.

Application to Ministerial Standing:

To be eligible for a program of ministry preparation, a student must meet the following requirements for the achievement of Ministerial Standing:

1. complete the following courses prior to application: PRT11710, CHED1810, and BIBL1100
2. have a minimum cumulative grade point average of 2.5 or better
3. apply for Ministerial Standing in the spring semester of the student's sophomore year and reapply each subsequent year
4. obtain favorable character references from peers, NNU faculty, NNU Student Development, and pastors
5. submit critical assignments in ministerial training
6. interview with a STCM faculty subcommittee and
7. receive a favorable recommendation for the granting of Ministerial Standing from the STCM faculty.

Students who do not achieve Ministerial Standing will receive clear feedback and be encouraged to reapply the following year.

Continuation of Ministerial Standing:

To continue to hold Ministerial Standing, a student must meet the following requirements:

1. make progress toward the completion of the student's degree program by being enrolled in NNU during one of the previous two semesters
2. maintain a minimum cumulative grade point average of 2.5 or better
3. reapply for Ministerial Standing annually (including the application requirements above) and
4. receive favorable recommendations from field experience and/or internship.

Failure to meet any of these four requirements will result in the withdrawal of Ministerial Standing. Graduating seniors who do not achieve Ministerial Standing cannot graduate with a Christian Ministry, Youth Ministry or Intercultural Ministry major but may seek to graduate from the university with a different major. However, a student whose Ministerial Standing has been withdrawn may reapply after one semester, with a favorable recommendation from the Dean of the School of Theology and Christian Ministries.

Bachelor of Arts, Philosophy and Religion

Objective: Graduates will be prepared for and able to pursue graduate studies in religion, philosophy of religion, or a related field. Entrance requirements for specific graduate schools may be met through proper course selection. Students will be encouraged to spend at least one semester abroad or in an off-campus program.

Administrator: Joseph Bankard

Graduates of the Philosophy and Religion major will demonstrate the following core outcomes:

Knowledge

1. Students will identify and define key vocabulary within the history of Western philosophy.
2. Students will explain and analyze key terms, concepts, and figures from the major world religions.
3. Students will identify and apply the salient features of formal and informal logic.
4. Students will demonstrate an understanding of the overarching narrative of the Bible, and the general content and purpose of the major divisions.
5. Students will explain the principles of exegesis and hermeneutics and demonstrate how they relate to other theological disciplines.
6. Students will identify and describe the major concepts related to the doctrine of God, eschatology, doxology, christology, soteriology, and holiness.
7. Students will articulate core distinctives of a Wesleyan theology.
8. Students will identify and describe the major movements in the history of Western Christianity.

Skills

1. Students will reproduce significant philosophical arguments from various disciplines (e.g. medical ethics, scientific inquiry, politics, or theology).
2. Students will construct and defend sophisticated philosophical arguments, both orally and in writing.
3. Students will critically evaluate arguments using principles of sound reasoning from both formal and informal logic.
4. Students will exegete passages of scripture, using forms of biblical criticism, and construct biblical theologies faithful to the biblical text.
5. Students will relate scripture to real life situations, particularly in the context of the church, in preaching, teaching, pastoral care, discipleship, and other pastoral practices.
6. Apply Wesleyan theology to various theological contexts.
7. Students will construct and defend a coherent theological worldview.

Attitudes

1. Students will learn to pursue truth diligently.
2. Students will internalize ethics so as to demonstrate Christian character.
3. Students will develop a deep appreciation for the value of critical thinking.
4. Students will value and identify the Bible as imperative to their own spiritual growth.
5. Students will value all persons, and all creation, and practice love and stewardship toward both.
6. Students will serve as creative and redemptive agents in persons' lives and in culture in order to bring the kingdom of God to earth.
7. Students will develop the virtues of humility and open-minded inquiry that lead to wisdom.

Requirements: 39-41 core credits and 9 foundational credits, which also meet general education requirements.

Foundational Courses:

BIBL1100. Introduction to Biblical Studies (3)

PHIL2010. Introduction to Philosophy (3) **or**,

PHIL2020. Ethics (3)

THEO2100. Introduction to Christian Theology (3)

Core Courses:

Philosophy Component (18 credits)

PHIL3010. Ancient and Medieval Philosophy (3)

PHIL3080. Critical Reasoning (3)

PHIL4210. Contemporary Philosophy (3)

PHIL4520. Philosophy of Religion (3)

PHIL4430. Metaphysics (3) **or**,

PHIL3410. Philosophy and Literature of Existentialism (3)

Upper Division Philosophy Elective (3)

Theology Component (11 credits)

REST3610. Exploring World Religious Traditions (3)

THEO4240. Theology of Holiness (2)

THEO4530. Christian Theology 1 (3)

THEO4540. Christian Theology 2 (3)

History Component (3 credits)

Choose one of the following:

CHIS3610. History of the Christian Tradition I (3)

CHIS3620. History of the Christian Tradition II (3)

Bible Component (4-6 credits)

Choose two of the following:

BIBL4250. Parables of Jesus (2)

BIBL4310. Luke and Acts (2)

BIBL4330. Pauline Epistles (2)

BIBL4410. History of Ancient Israel (2)

BIBL4420. Hebrew Prophets (2)

GREK2120. Elementary New Testament Greek II (3)

HEBR2120. Biblical Hebrew II (3)

Language Component (3 credits)

Choose one of the following:

GREK2110. Elementary New Testament Greek 1 (3)

HEBR2110. Biblical Hebrew (3)

Bachelor of Arts, Philosophy

Objective: This major is for students who want to be seriously involved in philosophic study either as a primary discipline or as foundational work for related studies. Graduates will be prepared for, and able to pursue, graduate work in philosophy, ethics, religion, law, and related fields.

Administrator: Joseph Bankard

Graduates of the Philosophy major will demonstrate the following core outcomes:

Knowledge

1. Students will identify and define important vocabulary within the history of Western philosophy.
2. Students will identify and explain the major figures, movements, and philosophical theories within the history of Western philosophy.
3. Students will describe the developmental history of Western philosophy.
4. Students will explain the significant themes, issues, and figures associated with the major philosophical sub-disciplines (e.g. epistemology, metaphysics, ethics, etc.).
5. Students will identify and apply the salient features of formal and informal logic.

Skills

1. Students will reproduce significant philosophical arguments from various disciplines (e.g. medical ethics, scientific inquiry, politics, or theology).
2. Students will integrate moral principles, informed by Christian values, into contemporary social, political, and theological issues.
3. Students will demonstrate an ability to write clearly and cogently.
4. Students will construct and defend sophisticated philosophical arguments, both orally and in writing.
5. Students will critically evaluate arguments using principles of sound reasoning from both formal and informal logic.

Attitudes

1. Students will learn to pursue truth diligently.
2. Students will develop a love of learning that crosses many academic disciplines.
3. Students will internalize ethics so as to demonstrate Christian character.
4. Students will develop the virtues of humility and open-minded inquiry that lead to wisdom.
5. Students will develop a deep appreciation for the value of critical thinking.

Requirements: 30 credits of which 24 shall be numbered above 2999

PHIL2010. Introduction to Philosophy (3)

PHIL2020. Ethics (3)

PHIL3010. History of Ancient and Medieval Philosophy (3)

PHIL3020. History of Modern Philosophy (3)

PHIL3080. Critical Reasoning (3)

PHIL4210. Contemporary Philosophy (3)

PHIL4980. Seminar in Philosophy (3)

Elective upper division philosophy credits (9)

Recommended:

Completion of the intermediate level of a foreign language.

Minor, Philosophy

Administrator: Joseph Bankard

Objective: Students who graduate with this minor will receive an introduction to the field of philosophy, be able to relate elements of its historical development and recognize and apply principles of sound reasoning.

Requirements (15 credits):

PHIL2010. Introduction to Philosophy (3); **or**

PHIL2020. Ethics (3)

PHIL3080. Critical Reasoning (3)

Electives in philosophy (excluding PHIL3080. Clinical Ethics) in consultation with and approved by the chair of the Department of Philosophy and Religion (9)

Bachelor of Arts, Biblical Studies

Objective: This major provides students with opportunity to develop skills in the interpretation of the Bible, including the development of beginning skills in the biblical languages. This major complements other programs offered in the Department of Philosophy and Religion, the School of Theology and Christian Ministries, and the University at large. Although most programs within the Department of Philosophy and Religion are related to vocational forms of ministry, this particular major may be taken by persons with either vocational or personal interests and goals.

Graduates of the Biblical Studies major with ministerial standing will demonstrate the following program outcomes:

1. Students will know and be able to describe the overarching narrative of the Bible, the central contents and purposes of its major canonical divisions, and the relationship between the two Testaments.
2. Students will be able to explain and illustrate the phenomenon of intertextuality and the relevance of the literary and historical context of the various parts of the Bible.
3. Students will be able to state and discuss coherently the principles and issues of biblical hermeneutics and to compare and contrast the results of biblical interpretation with the central data of the other theological disciplines, including church history, systematic theology, and ethics.
4. Students will be able to interpret biblical texts, employing appropriate critical methods and demonstrating some competence in translating the original languages of the Bible.
5. Students will be able to analyze the unity and diversity of the various biblical traditions and construct biblical theologies that are faithful to the entire Bible.
6. Students will relate Scripture to life situations, particularly in the context of the church (in preaching, teaching, pastoral care, discipleship, and the practice of ministry), but also in relation to the contemporary cultural context outside the church.
7. Students will be able to locate themselves clearly within the spectrum of biblical scholarship and be able to discuss and differentiate their commitments with others in a civil manner.
8. Students will display and be able to defend the value they assign the Bible, demonstrating how it informs and forms their personal religious identity, spirituality, character, and values.
9. Students will be able to justify the Bible's relevance to their vocational plans, formulating practices consistent with their commitment to Scripture in their chosen field of ministry.

Requirements: 41 core credits and 21 foundational credits, which also meet general education requirements.

Foundational Courses: These courses from the general offerings are required as foundational to the major:

BIBL1100. Introduction to Biblical Studies (3)
COMM1210. Introduction to Public Speaking (3)
ENGL1030. University Writing and Research (3)
HUMN1010. Cornerstone (3)
PHIL2020. Ethics (3)
PSYC1550. Introduction to Psychology (3)
THEO2100. Introduction to Christian Theology (3)

Core Courses:

BIBL3110. Old Testament Interpretation (3)
BIBL3120. New Testament Interpretation (2)
BIBL4410. History of Ancient Israel (2) **or**
BIBL4420. Hebrew Prophets (2)

One of the following:

BIBL4250. Parables of Jesus (2)
BIBL4310. Luke and Acts (2)
BIBL4330. Pauline Epistles (2)
4000-level course in Greek exegesis (2)
GREK2110. Elementary New Testament Greek I (3)
GREK2120. Elementary New Testament Greek II (3)
GREK3010. Intermediate New Testament Greek (2)
HEBR2110. Biblical Hebrew I (3)
HEBR2120. Biblical Hebrew II (3)
CHIS3610. History of the Christian Tradition I (3)
PHIL3010. History of Ancient and Medieval Philosophy (3)
THEO4530. Christian Theology I (3)
THEO4540. Christian Theology II (3)

Additional 6 credits in 4000-level courses in biblical literature (BIBL), Greek exegesis (GREK), and/or religious studies (REST)

Nazarene students with this major who wish to be part of the Ministerial Scholarship program must also take one of the following minors: Children's Ministry, Christian Education, Missions, Pastoral Ministry, Youth Ministry.

Students who wish to fulfill the educational requirements for ordination in the Church of the Nazarene must also satisfactorily complete the following:

CHED1810. Christian Discipleship (3)
CHIS2410. History and Manual, Church of the Nazarene (2)
CHIS3620. History of the Christian Tradition II (3)
PHIL3080. Critical Reasoning (3)
PRTH1710. Exploring Vocation and Call (1)
PRTH2400. Introduction to Christian Missions (3)
PRTH2960. Field Experience in Christian Ministry (1)
PRTH3210. Spiritual Formation (2)
PRTH3220. Worship Theory and Development (2)
PRTH3710. Preaching (3)
PRTH3960. Field Experience in Christian Ministry (1)
PRTH4710. Missional Growth and Health (2)
PRTH4820. Pastoral Leadership (3)
PRTH4960. Internship in Ministry (3)
THEO3590. Theology of the Church (3)
THEO4240. Theology of Holiness (2)
Ministerial Standing (Senior year)

Bachelor of Arts, Christian Ministry

Objective: This major prepares students to go directly into ministry after graduation. It is strongly recommended that students also complete a departmental minor. The combination of the Christian Ministry major with a designated departmental minor provides the educational requirements for ordination as an elder in the Church of the Nazarene. The requirements of other denominations may be met through the selection of elective courses.

Graduates of the Christian Ministry major with ministerial standing will demonstrate the following program outcomes:

1. Students will know the general content and purposes of the major divisions of the Bible and the relationship between the Testaments.
2. Students will understand and apply principles of biblical hermeneutics by exegeting passages of Scripture, using forms of biblical criticism and relating their work to other theological disciplines.
3. Students will value and relate Scripture to their own spiritual growth and to life situations, particularly in the context of the Church's pastoral practices.
4. Students will know and describe key themes of Wesleyan theology within the thought and history of the Christian Church: the attributes of the Triune God, Incarnation, the condition and hope for humanity and creation, the loving and saving nature of the divine-human relationship, the meaning of holiness, and the call to character and service for followers of Christ.
5. Students will integrate Wesleyan theology with pastoral theology to construct and develop a theology of worship, preaching, sacraments, leadership and ministry.
6. Students will serve as creative and redemptive agents by participating in the Church, by valuing all persons and creation through practicing love and stewardship.
7. Students will explain and construct sophisticated philosophical arguments, both orally and in writing, critically evaluating arguments using principles of sound reasoning from both formal and informal logic.
8. Students will identify and define key themes within the history of Western philosophy.
9. Students will know and develop biblical, historical, cultural/sociological, and theological principles for the practices of ministry: constructing sermons and lessons, designing and leading worship, responding to the need of her/his congregation, initiating and fostering congregational health, building congregational leaders, and analyzing and constructing a plan to reach the community.
10. Students will know and describe how to lead, disciple, evangelize, and equip the church for ministry.
11. Students will display a growing personal and spiritually transformed life valuing personal, pastoral, and professional integrity in serving as an example of holiness of heart and life.

Requirements: 54 core credits and 24 foundational credits, which also meet general education requirements, plus an approved minor.

Foundational Courses: These courses from the general offerings are required as foundational to the major:

BIBL1100. Introduction to Biblical Studies (3)
COMM1210. Introduction to Public Speaking (3)
ENGL1030. University Writing and Research (3)
HUMN1010. Cornerstone (3)
PHIL2020. Ethics (3)
PSYC1550. Introduction to Psychology (3)
THEO2100. Introduction to Christian Theology (3)
THEO3590. Theology of the Church (3)

Core Courses:

Choose one of the following:

BIBL4410. History of Ancient Israel (2)
BIBL4420. Hebrew Prophets (2)
4000-level course in Hebrew exegesis (2)

Choose one of the following:

BIBL4250. Parables of Jesus (2)
BIBL4310. Luke and Acts (2)
BIBL4330. Pauline Epistles (2)
4000-level course in Greek exegesis (2)

Additional 4000-level course in biblical studies (BIBL) (2) in a testament opposite the biblical language taken by the student (i.e., students taking Greek are to take an additional OT course; students taking Hebrew are to take an additional NT course). Two semesters of a second biblical language may be substituted for this requirement.

GREK2110. Elementary New Testament Greek I (3) **and**,
GREK2120. Elementary New Testament Greek II (3) **or**,

HEBR2110. Biblical Hebrew I (3) **and**,
HEBR2120. Biblical Hebrew II (3)

CHED1810. Christian Discipleship (3)
CHIS3410. History and Manual, Church of the Nazarene (2) (Non-Nazarene students may select an alternate course with advisor's approval)

CHIS3610. History of the Christian Tradition I (3)
CHIS3620. History of the Christian Tradition II (3)
PHIL3010. History of Ancient and Medieval Philosophy (3); **or**,

PHIL4520. Philosophy of Religion (3)
PHIL3080. Critical Reasoning (3)
PRTH1710. Exploring Vocation and Call (1)
PRTH2400. Christian Missions (3)
PRTH2960. Field Experience in Christian Ministry (1)
PRTH3210. Spiritual Formation (2)
PRTH3220. Worship Theory and Development (2)
PRTH3710. Preaching (3)
PRTH4710. Missional Growth and Health (2)
PRTH4820. Pastoral Leadership (3)
THEO4240. Theology of Holiness (2)
THEO4530. Christian Theology I (3)
THEO4540. Christian Theology II (3)
Ministerial Standing (Senior year)

Bachelor of Arts, Intercultural Ministry (Missions)

Objective: The major prepares students to minister in a global cross-cultural setting. It provides a wide range of foundational knowledge and skills with specific focus in a mission world view. The School of Theology and Christian Ministry will help students work through the appropriate steps leading to appointment as missionaries by the Church of the Nazarene or other mission agencies. The major does not meet ordination requirements in the Church of the Nazarene. However, students can fulfill ordination requirements by also taking the Christian Ministry minor. Seminary is recommended for further preparation.

Graduates of the Intercultural Ministry (Missions) major and ministerial standing will demonstrate the following program outcomes:

1. Students will know the general content and purposes of the major divisions of the Bible and the relationship between the Testaments.
2. Students will understand and apply principles of biblical hermeneutics by exegeting passages of Scripture, using forms of biblical criticism and relating their work to other theological disciplines and intercultural contexts.
3. Students will value and relate Scripture to their own spiritual growth and to life situations in ways that demonstrate respect and sensitivity in intercultural contexts.
4. Students will know and describe key themes of Wesleyan theology within the thought and history of the Christian Church: the attributes of the Triune God, Incarnation, the condition and hope for humanity and creation, the loving and saving nature of the divine-human relationship, the meaning of holiness, and call to character and service for followers of Christ.
5. Students will integrate Wesleyan theology with a biblical theology of Christian mission to construct and develop a theology of leadership and ministry in intercultural contexts.
6. Students will serve as creative and redemptive agents by participating in the Church, by valuing intercultural ecclesial communities, and by valuing all persons and creation through practicing love and stewardship.
7. Students will explain and construct philosophical arguments, both orally and in writing, critically evaluating arguments using principles of sound reasoning from both formal and informal logic.
8. Students will know and develop biblical, historical, cultural/sociological, and theological principles for the practices of intercultural ministry: respectful engagement with other cultures and religions; initiating and/or fostering intercultural relationships in conjunction with God's mission (*missio Dei*); partnering with those from other cultural contexts in responding to the needs of people (individuals and groups), a community, and/or a congregation.
9. Students will compile the basic principles of the social sciences for the purposes of integrating them into living and the practice of ministry in an intercultural context. This includes knowing and appraising the theories behind and best practices for ministry, and knowing how to contextualize such theory and practice to intercultural settings.
10. Students will display a growing personal and spiritually transformed life valuing personal, social, and professional integrity in serving as an example of holiness of heart and life.

Requirements: 72 core credits and 12 foundational credits, which also meet general education requirements.

Foundational Courses: These courses from the general offerings are required as foundational to the major:

BIBL1100. Introduction to Biblical Studies (3)
COMM1210. Introduction to Public Speaking (3)
COMM2030. Interpersonal Communication (3)
ECON3010. Personal Finance and Stewardship (3)

Choose one of the following:

ENGL2420. World Literature: The Ancient World to the Renaissance (3)
ENGL2430. World Literature: The Enlightenment to the Modern Era (3)
ENGL3420. Foreign Literature in Translation (3)
ENGL4270. Minority Voices in American Literature (3)

HUMN1010. Cornerstone (3)
PHIL2020. Ethics (3)
PSYC1550. Introduction to Psychology (3)
THEO2100. Introduction to Christian Theology (3)
THEO4530. Christian Theology I (3)

Core Courses:

Choose one of the following:

BIBL4410. History of Ancient Israel (2)
BIBL4420. Hebrew Prophets (2)
4000-level course in Hebrew exegesis (2)

Choose one of the following:

BIBL4250. Parables of Jesus (2)
BIBL4310. Luke and Acts (2)
BIBL4330. Pauline Epistles (2)
4000-level course in Greek exegesis (2)

CHED1810. Christian Discipleship (3)
CHIS3620. History of Christian Tradition II (3)
CLTA1550. Cultural Anthropology (3)
CLTA2030. Intercultural Communication (3) **or**,
CLTA2040. Introduction to Ethnography (3)
CLTA2250. Issues of Developing Nations I (3)
GREK2110. Elementary New Testament Greek I (3) **and**,
GREK2120. Elementary New Testament Greek II (3) **or**,
HEBR2110. Biblical Hebrew I (3) **and**,
HEBR2120. Biblical Hebrew II (3)
PHIL3080. Critical Reasoning (3)
PRTH1710. Exploring Vocation and Call (1)
PRTH2400. Christian Missions (3)
PRTH2600. Foundations for Cross-Cultural Ministry (1)
PRTH2960. Field Experience in Christian Ministry (1)
PRTH3210. Spiritual Formation (2)
PRTH3750. Compassionate Ministries (2)
PRTH4710. Missional Growth and Health (2)
PRTH4820. Pastoral Leadership (3)
PRTH4960. Internship in Ministry (3)
REST3610. Exploring World Religious Traditions (3)
THEO4240. Theology of Holiness (2)
THEO4540. Christian Theology II (3)

Additional 3 credits (beyond major and foundational course requirements) in business, economics, cultural studies, political science, or sociology

For those desiring to complete the Course of Study educational requirements for ordination in the Church of the Nazarene, a Christian Ministry minor would also be required.

Bachelor of Arts, Youth Ministry

Objective: This major prepares students for a variety of youth ministry settings, including both local church and parachurch contexts. For those students from the Church of the Nazarene, educational requirements for ordination as an elder in the Church of the Nazarene also require the Christian Ministry minor along with this major. Other denominations' requirements may be met through the selection of elective courses.

Graduates of the Youth Ministry major with ministerial standing will demonstrate the following program outcomes:

1. Students will know the general content and purposes of the major divisions of the Bible and the relationship between the Testaments.
2. Students will understand and apply principles of biblical hermeneutics by exegeting passages of Scripture, using forms of biblical criticism and relating their work to other theological disciplines.
3. Students will value and relate Scripture to their own spiritual growth and to life situations, particularly in the context of the Church's pastoral practices.
4. Students will know and describe key themes of Wesleyan theology within the thought and history of the Christian Church: the attributes of the Triune God, Incarnation, the condition and hope for humanity and creation, the loving and saving nature of the divine-human relationship, the meaning of holiness, and the call to character and service for followers of Christ.
5. Students will integrate Wesleyan theology with pastoral theology to construct and develop a theology of worship, preaching, sacraments, leadership and ministry.
6. Students will serve as creative and redemptive agents by participating in the Church, by valuing all persons and creation through practicing love and stewardship.
7. Students will explain and construct philosophical arguments, both orally and in writing, critically evaluating arguments using principles of sound reasoning from both formal and informal logic.
8. Students will identify and define key themes within the history of Western philosophy.
9. Students will know and develop biblical, historical, cultural/sociological, and theological principles for the practices of youth and family ministry: constructing sermons and lessons, designing and leading worship, responding to the need of her/his congregation, initiating and fostering congregational health, building congregational leaders and analyzing and constructing a plan to reach the community.
10. Students will know and describe how to lead, disciple, evangelize, and equip the church for youth and family ministry.
11. Students will display a growing personal and spiritually transformed life valuing personal, pastoral and professional integrity in serving as an example of holiness of heart and life.

Requirements: 54 core credits and 24 foundational credits, which also meet general education requirements.

Foundational Courses: These courses from the general offerings are required as foundational to the major:

BIBL1100. Introduction to Biblical Studies (3)
COMM1210. Introduction to Public Speaking (3)
ENGL1030. University Writing and Research (3)
HUMN1010. Cornerstone (3)
PHIL2020. Ethics (3)
PSYC1550. Introduction to Psychology (3)
THEO2100. Introduction to Christian Theology (3)
THEO3590. Theology of the Church (3)

Core Courses:

Choose one of the following:

BIBL4410. History of Ancient Israel (2)
BIBL4420. Hebrew Prophets (2)
4000-level course in Hebrew exegesis (2)

Choose One of the following:

BIBL4250. Parables of Jesus (2)
BIBL4310. Luke and Acts (2)
BIBL4330. Pauline Epistles (2)
4000-level course in Greek exegesis (2)

CHED1810. Christian Discipleship (3)
CHED2220. Instructional Bible Study (2)
CHED3820. Foundations of Youth Ministries (2)
CHED3840. Family Ministries (2)
CHED3860. Principles of Youth Ministries (2)
CHIS3620. History of the Christian Tradition II (3)
GREK2110. Elementary New Testament Greek I (3) **and**,
GREK2120. Elementary New Testament Greek II (3) **or**,
HEBR2110. Biblical Hebrew I (3) **and**,
HEBR2120. Biblical Hebrew II (3)
PHIL3080. Critical Reasoning (3)
PRTH1710. Exploring Vocation and Call (1)
PRTH2400. Introduction to Christian Missions (3)
PRTH2960. Field Experience in Christian Ministry (1)
PRTH3210. Spiritual Formation (2)
PRTH3710. Preaching (3)
PRTH3750. Compassionate Ministries (2)
PRTH3880. Camping and Recreation Ministry (2)
PRTH4710. Missional Growth and Health (2)
PRTH4820. Pastoral Leadership (3)
PRTH4960. Internship in Youth Ministry (3)
THEO4240. Theology of Holiness (2)
THEO4530. Christian Theology I (3)
THEO4540. Christian Theology II (3)
Ministerial Standing (Senior year)

For those desiring to complete the Course of Study educational requirements for ordination in the Church of the Nazarene, a Christian Ministry minor would also be required.

Minor, Bible

Administrator: Richard Thompson

Requirements: 15-18 credits

6 credits in a biblical language (GREK or HEBR)

9 upper level credits in biblical literature (BIBL), 6 of which must be 4000-level credits

In addition, all biblical literature courses required for general education and the student's major must be completed.

Required of Christian Ministry Major:

PRTH4960. Internship in Christian Ministry (3)

Minor, Biblical Languages

Administrator: Richard Thompson

Requirements: 16-19 credits

GREK2110. Elementary New Testament Greek I (3)

GREK2120. Elementary New Testament Greek II (3)

GREK4250. Greek Exegesis: Parables of Jesus (2); **or**

GREK4310. Greek Exegesis: Luke and Acts (2); **or**

GREK4330. Greek Exegesis: Pauline Epistles (2)

HEBR2110. Biblical Hebrew I (3)

HEBR2120. Biblical Hebrew II (3)

HEBR4410. Hebrew Exegesis: History of Ancient Israel (2); **or**

HEBR4420. Hebrew Exegesis: Hebrew Prophets (2)

Required of Christian Ministry Major:

PRTH4960. Internship in Christian Ministry (3)

Minor, Children's Ministries

Administrator: Mike Kipp

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 17-23 credits

CHED2220. Instructional Bible Study (2)

CHED3810. Children's Ministries (2)

CHED3840. Family Ministries (2)

PRTH3750. Compassionate Ministries (2)

PRTH3880. Camping and Recreation Ministry (2)

PRTH3960. Field Experience in Christian Ministry (1)

PSYC2100. Lifespan Development (3)

Required of Christian Ministry and Biblical Studies Majors:

PRTH4960. Internship in Christian Ministry (3)

Required of all but Christian Ministry Majors:

CHED1810. Christian Discipleship (3)

PRTH1710. Exploring Vocation and Call (1)

PRTH3210. Spiritual Formation (2)

Minor, Christian Ministry

Administrator: Rhonda Carrim

This minor cannot be taken with the Christian Ministry major. However, combined with this minor the Intercultural Ministry (Missions) and Youth Ministries majors fulfill the educational requirements for ordination in the Church of the Nazarene.

Requirements: 17-21 credits

CHIS3410. History and Manual, Church of the Nazarene (2)

CHIS3610. History of the Christian Tradition I (3)

PHIL3010. History of Ancient/Medieval Philosophy (3); **or**

PHIL4520. Philosophy of Religion (3)

PRTH3220. Worship Theory and Development (2)

PRTH3710. Preaching (3)

PRTH3960. Field Experience in Christian Ministry (1)

THEO3590. Theology of the Church (3)

Required of Intercultural Ministry (Missions) and Youth Ministry Majors:

Choose one of the following, one from each testament (not the same course as taken for the major):

BIBL4250. Parables of Jesus (2)

BIBL4310. Luke and Acts (2)

BIBL4330. Pauline Epistles (2)

BIBL4410. History of Ancient Israel (2)

BIBL4420. Hebrew Prophets (2)

Required of Biblical Studies Majors:

PRTH4960. Internship in Christian Ministry (3)

Minor, Evangelism

Administrator: Jay Akkerman

Requirements: 17-21 credits

PRTH2094. Topics in Evangelism (1) (taken twice)

PRTH2400. Introduction to Christian Missions (3)

PRTH3400. Cross-Cultural Communication of the Gospel (2)

PRTH3750. Compassionate Ministry (2)

PRTH3960. Field Experience (1)

PRTH4710. Missional Growth and Health (2)

THEO3560. Theological Explorations of Evangelism (3)

THEO3590. Theology of the Church (3); **or**

CHED2220. Instructional Bible Study (2)

Required of Christian Ministry and Biblical Studies Majors:

PRTH4960. Internship in Christian Ministry (3)

Minor, Missions

Administrator: Rhonda Carrim

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 17-20 credits

CLTA1550. Cultural Anthropology (3) **or**

CLTA2030. Intercultural Communication (3)

COMM2030. Interpersonal Communication (3)

PRTH2600. Foundations for Cross-Cultural Ministry (1)

PRTH3400. Cross-Cultural Communication of the Gospel (2)

PRTH3750. Compassionate Ministries (2)

PRTH3960. Field Experience in Christian Ministry (1)

REST3610. Exploring World Religious Traditions (3)

PRTH4960. Internship in Christian Ministry (3)

Required of all but Christian Ministry Majors:

PRTH2400. Introduction to Christian Missions (3)

Recommended:

CLTA2250. Issues of Developing Nations I (3)

COMM3020. Organizational Communication (3)

PSYC1550. Introduction to Psychology (3)

6 hours of a modern foreign language (for Christian Ministry majors this is in addition to GREK2110 or HEBR2110)

Minor, Parachurch Ministries

Administrator: Mike Kipp

Requirements: 19 credits

PRTH1710. Exploring Vocation and Call (1)

PRTH1900. Introduction to Parachurch Ministry (2)

PRTH3400. Cross-Cultural Communication of the Gospel (2)

PRTH3750. Compassionate Ministries (2)

PRTH3960. Field Experience in Parachurch Ministry (2)

PRTH4960. Internship in Parachurch Ministry (3)

CHED3820. Introduction to Youth Ministry (2)

CHED3860. Advanced Youth Ministry (2)

COMM2030. Interpersonal Communication (3)

Minor, Pastoral Ministries

Administrator: Jay Akkerman

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 17-23 credits

PRTH4820. Pastoral Leadership (3)

THEO3590. Theology of the Church (3)

4000 level course (2) in (BIBL) biblical literature in addition to all biblical literature courses required for general education and the student's major

Choose one of the following:

PHIL3410. Philosophy and Literature of Existentialism (3)

REST3610. Exploring World Religious Traditions (3)

Choose one of the following:

CHED3840. Family Ministries (2)

PRTH3750. Compassionate Ministries (2)

Required of Christian Ministry and Biblical Studies Majors:

PRTH3960. Field Experience in Christian Ministry (1)

PRTH4960. Internship in Christian Ministry (3)

Required of all but Christian Ministry Majors:

PRTH1710. Exploring Vocation and Call (1)

PRTH3210. Spiritual Formation (2)

PRTH3710. Preaching (3)

Minor, Theology

Administrator: Brent Peterson

This minor cannot be taken with the Christian Ministry or Intercultural Ministry (Missions) major.

Requirements: 17-18 credits

CHIS3610. History of the Christian Tradition I (3); **or**

CHIS3620. History of the Christian Tradition II (3)

THEO3560. Theological Explorations of Evangelism (3); **or**

THEO3590. Theology of the Church (3)

THEO3540. Christian Holiness (3); **or**

THEO4240. Theology of Holiness (2)

THEO4530. Christian Theology I (3); **or**

THEO4540. Christian Theology II (3)

6 additional credits in church history (CHIS) and/or theology (THEO)

Minor, Worship Leadership

Administrator: Brent Peterson

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 20-23 credits

MUSC3200. Practicum in Worship Planning/Leadership (3)

MUSC4510. Music in Worship and Ministry (3)

PRTH3220. Worship Theory and Development (2)

PRTH3250. Worship Leadership and Sacraments (2)

PRTH3710. Preaching (3)

PRTH3960. Field Experience in Christian Ministry (1)

THEO3590. Theology of the Church (3)

Required of Christian Ministry and Biblical Studies Majors:

PRTH4960. Internship in Christian Ministry (3)

Required of all but Christian Ministry Majors:

PRTH1710. Exploring Vocation and Call (1)

PRTH3210. Spiritual Formation (2)

Minor, Youth Ministries

Administrator: Mike Kipp

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 19 credits

CHED2220. Instructional Bible Study (2)

CHED3820. Youth Ministries (2)

CHED3840. Family Ministries (2)

CHED3860. Advanced Youth Ministries (2)

PRTH3750. Compassionate Ministries (2)

PRTH3880. Camping and Recreation Ministry (2)

PRTH3960. Field Experience in Christian Ministry (1)

PSYC2100. Lifespan Development (3)

Required of Christian Ministry and Biblical Studies Majors:

PRTH4960. Internship in Christian Ministry (3)

Required of Other non-Christian Ministry Majors:

PRTH1710. Exploring Vocation and Call (1)

PRTH3210. Spiritual Formation (2)

Recommended:

CHED1810. Christian Discipleship (3)

Minor, Family Ministries

Administrator: Mike Kipp

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 17-21 credits

CHED2220. Instructional Bible Study (2)

CHED3840. Family Ministries (2)

Choose one of the following:

CHED3810. Children's Ministries (2) **or**

CHED3820. Youth Ministries (2)

PRTH3750. Compassionate Ministries (2)

PRTH3880. Camping and Recreation Ministry (2)

PRTH3960. Field Experience in Christian Ministry (1)

PSYC2100. Lifespan Development (3)

Required of Christian Ministry and Biblical Studies Majors:

PRTH4960. Internship in Christian Ministry (3)

Required of all but Christian Ministry Majors:

CHED1810. Christian Discipleship (3)

PRTH1710. Exploring Vocation and Call (1)

PRTH3210. Spiritual Formation (2)

Recommended:

PRTH4820. Pastoral Leadership (3)

Department of Physics and Engineering

Faculty: Duke Bulanon, Joshua Griffin, Dan Lawrence, William Packard, Stephen Parke, John Stutz

The Department of Physics and Engineering instructs students to be creative problem solvers in their careers, future education, and lifetime service. We do this by teaching physics and engineering courses that give students a solid background in the methods, theories, and analytical skills needed to succeed in physics, engineering, and related fields. The department seeks to instill a Christian perspective to the natural world, without compromising scientific principles, through class discussions and projects. Our students are well prepared for careers in industry, academia, and government, or for graduate school in engineering and physics.

Physics and Engineering Learning Objectives:

1. Graduates of the department will be able to identify and explain the major theories of, and contributions to, the fields of physics and engineering, and will be able to apply them to problems presented.
2. Graduates of the department will be able to use standard software, including, but not limited to: Solidworks, AutoCAD, Mathematica, MATLAB, LabView. They will be able to use standard scientific equipment such as DMM's oscilloscopes, data acquisition equipment, computers, and other laboratory equipment. They will be able to use these tools to design and carry out experiments or design projects.
3. Graduates of the department will be able to write a coherent technical report of a scientific or engineering nature.
4. Graduates of the department will learn a Christian perspective to the natural world, without compromising scientific principles. They will be able to use the abilities learned to positively affect the world around them.
5. Graduates in engineering will be able to complete system and component level designs employing both theoretical and practical knowledge in their field.

The engineering and physics programs at Northwest Nazarene University provide a high-quality, interdisciplinary education in a Christian environment that prepares our graduates for professional careers and advanced studies. We seek to instill in each graduate, a personal commitment to using their technical skills and career to be "God's creative and redemptive agent in the world."

ABET Engineering Program Educational Objectives (PEOs)

Within a few years after graduation, NNU engineering alumni will be:

1. Practicing engineering (or a related field) with professionalism, integrity, and Christian principles.
2. Advancing in their career through continuous learning, leadership, and teamwork.
3. Serving their profession, the community, and God's creation.

ABET Engineering Student Outcomes (SOs)

By the time of graduation, NNU engineering students will demonstrate:

1. An ability to apply knowledge of mathematics, science, and engineering.
2. An ability to design and conduct experiments, as well as to analyze and interpret data.
3. An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
4. An ability to function on multidisciplinary teams.
5. An ability to identify, formulate, and solve engineering problems.
6. An ability to practice engineering professionally and ethically, including Christ-like service to humanity.
7. An ability to communicate effectively.
8. The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
9. A recognition of the need for, and an ability to engage in, life-long learning.
10. A knowledge of contemporary issues.
11. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

Majors

[Bachelor of Science, Engineering](#)

Computer Engineering Concentration

Electrical Engineering Concentration

Mechanical Engineering Concentration

Engineering Physics Concentration

[Bachelor of Science, Physics](#)

[Bachelor of Arts, Physics](#)

Physics Education

See [Secondary Education: Physics Second Teaching field](#)

Minors

[Physics](#)

[Engineering Missions Program](#)

Bachelor of Science, Engineering

Administrator: Engineering Program Director

Requirements: 94 credits including 56 in engineering.

ENGR1010. Introduction to Engineering (3)

ENGR1050. Engineering Graphics and Design (3)

ENGR2100. Engineering Statics (3)

ENGR2200. Digital and Computer Systems (3); **and,**

ENGR2200L. Digital and Computer Systems Laboratory (1)

ENGR2210. Electrical Circuits (3); **and,**

ENGR2210L. Electrical Circuits Laboratory (1)

ENGR2310. Instrumentation and Measurements Lab I (1)

ENGR2320. Instrumentation and Measurements Lab II (1)

ENGR3100. Mechanics of Materials (3)

ENGR3110. Engineering Thermodynamics (3)

ENGR3120. Engineering Dynamics (3)

ENGR3400. Control Systems (3); **and**

ENGR3400L. Control Systems Laboratory (1)

ENGR3410. Engineering Economics and Ethics (3)

ENGR4971. Senior Design Project I (2)

ENGR4972. Senior Design Project II/Capstone (2)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3530. Calculus III (4)

MATH3540. Differential Equations (4)

MATH4240. Probability and Statistics I (3)

PHYS2110. Physics for Science and Engineering I (3); **and,**

PHYS2110L. Physics for Science and Engineering I Laboratory (1)

PHYS2120. Physics for Science and Engineering II (3); **and,**

PHYS2120L. Physics for Science and Engineering II Laboratory (1)

CHEM2230. General Chemistry for Engineering Students (3); **and,**

CHEM2230L. General Chemistry for Engineering Students Laboratory (1)

One science/math elective course chosen from:

BIOL2220. General Biology I (3)

CHEM2610. Analytical Chemistry (3)

CHEM3210. Organic Chemistry (3)

CHEM3310. Inorganic Chemistry (3)

PHYS3130. Modern Physics (3)

PHYS3410. Analytic Mechanics (3)

PHYS4710. Optics (3)

PHYS4720. Solid State Physics (3)

PHYS4810. Quantum Mechanics (3)

MATH3320. Linear Algebra (3)

MATH3560. Numerical Analysis (3)

COMP2220. Computer Programming (3); **and,**

COMP2220L. Computer Programming Laboratory (1)

Student must complete one of the following concentrations:

Computer Engineering Concentration

COMP2630. Computer Architecture (3)
COMP2750. Data Structures (3)
COMP3430. Operating Systems (3)
COMP3630. Networks and Data Communications I (3)
ENGR4210. Microelectronics (3); **and**,
ENGR4210L. Microelectronics Lab (1)
ENGR4230. Embedded Systems (3); **and**,
ENGR4230L. Embedded Systems Lab (1)

Electrical Engineering Concentration

ENGR4210. Electronics (3); **and**,
ENGR4210L. Electronics Laboratory (1)
ENGR4220. Signal Processing (3)
ENGR4230. Embedded Systems (3); **and**,
ENGR4230L. Embedded Systems Lab (1)
ENGR4260. Communication Systems (3)
ENGR4250. Electromagnetic Theory (3)

Mechanical Engineering Concentration

ENGR4100. Fluid Mechanics (3)
ENGR4110. Machine Design (3)
ENGR4120. Advanced Mechanical Engineering Laboratory (1)
ENGR4130. Mechatronics (3); **and**,
ENGR4130L. Mechatronics Laboratory (1)
ENGR4140. Vibrations (3)
ENGR4150. Heat Transfer (3)

Engineering Physics Concentration

ENGR4250. Electromagnetics (3)
ENGR4400. Experiment Design (3); **and**,
ENGR4400L. Experiment Design Lab (1)
PHYS3130. Modern Physics (3); **and**
PHYS3130L. Modern Physics Laboratory (1)
PHYS3410. Analytic Mechanics (3)
PHYS4810. Quantum Mechanics (3)

All engineering students are strongly encouraged to take and pass the Fundamentals of Engineering exam during one of their last two semesters before graduation.

In addition, Engineering Physics Concentration students must take the Physics Major Fields Examination in their last semester before graduation.

Engineering Missions Program

The Engineering Missions Program is for students desiring a professional engineering degree as well as training for Christian missions and/or compassionate service engineering work. The program may require additional semester(s) of study.

Requirements:

1. Complete all requirements of the BS Engineering degree.
2. Complete all requirements of the minor in Missions.
3. The capstone Senior Design Project (ENGR4971 and ENGR4972) for the engineering degree must involve an approved Christian mission and/or compassionate engineering design project in conjunction with the religion department. When approved, these 4 credits will count for the PRTH3960 Field Experience in Christian Ministry, and PRTH4960 Internship in Christian Ministry courses in the Missions minor.
4. The NNU General Education Cross Cultural Experience must be satisfied by completing an approved two week or longer field visit to build/install the capstone design project.

Bachelor of Science, Physics

Objective: To prepare students for graduate school or industry.

Administrator: Chair, Department of Physics and Engineering

Requirements: 59 credits including 26 in physics.

PHYS2110. Physics for Science and Engineering I (3); **and,**

PHYS2110L. Physics for Science and Engineering I Laboratory (1)

PHYS2120. Physics for Science and Engineering II (3); **and,**

PHYS2120L. Physics for Science and Engineering II Laboratory (1)

PHYS3130. Modern Physics (3); **and,**

PHYS3130L. Modern Physics Laboratory (1)

PHYS3410. Analytic Mechanics (3)

PHYS4610. Electricity and Magnetism (3)

PHYS4720. Solid State Physics (3)

PHYS4810. Fundamentals of Quantum Mechanics (3)

*PHYS4970. Research (1)

**PHYS4980. Senior Seminar/Capstone (1)

ENGR2310. Instrumentation and Measurements Lab I (1)

ENGR2320. Instrumentation and Measurements Lab II (1)

ENGR 4400. Experiment Design (3)

ENGR 4400L. Experiment Design Lab (1)

CHEM2230. Chemistry for Engineers (3)

CHEM2230L. Chemistry for Engineers Laboratory (1)

CHEM3510. Thermodynamics and Kinetics (3)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3530. Calculus III (3)

MATH3540. Differential Equations (3)

MATH3560. Numerical Analysis (3)

MATH4240. Probability and Statistics I (3)

In addition the student must take the Physics Major Fields Examination in their last semester.

*A minimum of one credit is required, but a maximum of three credits in PHYS4970 will be allowed toward the major.

**PHYS4980 must be taken at Northwest Nazarene University

Bachelor of Arts, Physics

Objective: To prepare students to enter fields such as medicine or law and for students planning to enter a profession closely related to physics such as health physics, biophysics, chemical physics, or business technology.

Administrator: Chair, Department of Physics and Engineering

Requirements: 51-55 credits including 21 in physics.

PHYS2110. Physics for Science and Engineering I (3); **and,**

PHYS2110L. Physics for Science and Engineering I Laboratory (1)

PHYS2120. Physics for Science and Engineering II (3); **and,**

PHYS2120L. Physics for Science and Engineering II Laboratory (1)

PHYS3130. Modern Physics (3); **and,**

PHYS3130L. Modern Physics Laboratory (1)

Nine elective upper division credits in physics (9)

CHEM2230. General Chemistry for Engineering Students (3); **and,**

CHEM2230L. General Chemistry for Engineering Students Laboratory (1), **or**

CHEM2210. General Chemistry I (3); **and,**

CHEM2210L. General Chemistry I Laboratory (1)

CHEM2220. General Chemistry II (3); **and,**

CHEM2220L. General Chemistry II Laboratory (1)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3530. Calculus III (3)

MATH3540. Differential Equations (3)

In addition, the student must take the Physics Major Fields Examination in their last semester.

Twelve (12) credits in another discipline of which nine (9) shall be numbered above 2999.

Note: Normally these courses will fulfill the requirements of a pre-professional school or will complement physics in areas such as chemical physics, biophysics, health physics, law, or business. For students desiring to fulfill this requirement in mathematics, the 12 credits must be in addition to those listed within the major.

Minor, Physics

Objective: This program will give a student pursuing a liberal arts degree a background in the field of physics.

Administrator: Chair, Department of Physics and Engineering

Requirements: 18 credits, including 10 upper division credits. Every student must complete the following courses along with two of the options.

PHYS2110. Physics for Science and Engineering I (3); **and,**

PHYS2110L. Physics for Science and Engineering I Laboratory (1)

PHYS2120. Physics for Science and Engineering II (3); **and,**

PHYS2120L. Physics for Science and Engineering II Laboratory (1)

PHYS3130. Modern Physics (3); **and,**

PHYS3130L. Modern Physics Laboratory (1)

Choose two courses from the following:

PHYS3410. Analytic Mechanics (3)

PHYS4610. Electricity and Magnetism (3)

PHYS4710. Optics (3)

PHYS4720. Solid State Physics (3)

PHYS4810. Fundamentals of Quantum Mechanics (3)

Department of Psychology, Sociology, and Criminal Justice

The Department of Psychology, Sociology, and Criminal Justice provides an interdisciplinary approach to the study of individuals and groups. The department offers a broad understanding of human behavior, including the development, relationships, physiological functioning, and interactions of individuals in systems. Drawing primarily on models from psychology, cultural anthropology, and criminal justice, the department educates students in the methods of social and psychological research; diversity and its various expressions; indigenous experience; national, international, ethnic, religious, class, and gender perspectives; and models of advocacy and social justice.

The department contributes to the liberal arts education of NNU students through courses offered to meet the general education core requirement, and those that support major requirements in other disciplines. More in-depth study leads to the majors in criminal justice, psychology, and cultural anthropology. Each of these provides students with a solid background in the questions, methods, and theories of the disciplines, and prepares them for occupations and further study in psychology, sociology, culture, and related fields. The department models and trains its students to be Christian professionals serving the community.

Faculty: David Blowers, Elizabeth List (Chair), Dean Matlock

Majors

[Bachelor of Arts, Criminal Justice](#)
[Bachelor of Arts, Psychology](#)
[Bachelor of Arts, Cultural Anthropology](#)
Psychology Education

See [Secondary Education: Psychology Second Teaching Field](#)

Minors

[Criminal Justice](#)
[Psychology](#)
[Sociology](#)

Bachelor of Arts, Criminal Justice

The mission of the Criminal Justice major is to graduate individuals who are prepared to enter occupations or graduate study in the field with strong liberal arts skills (acquire information from a variety of sources; communicate clearly and effectively in written and oral formats; understand and work effectively with individuals from a variety of backgrounds; and think critically and make informed decisions). Students will be competent in the theories, models, and methods of investigation in criminology, and in the fields and practices within criminal justice. The major will serve students as part of a traditional four-year Christian liberal arts program. The major also serves graduates from a community college program in criminal justice and individuals who hold the BA degree in another field and wish to change professions.

Administrator: Chair, Department of Psychology, Sociology, and Criminal Justice

Learning Outcomes:

1. Graduates with this major will demonstrate skills consistent with a liberal arts education, including the abilities to read and listen with understanding; learn independently; communicate clearly and effectively in written and oral formats; think critically; work effectively in teams; make thoughtful decisions; and show sensitivity to and skills working with diverse populations.
2. Graduates with this major will articulate the impact of a Christian, and specifically Wesleyan, understanding of human nature and society, justice, grace, and restoration on thinking and practice in criminal justice occupations.
3. Graduates with this major will demonstrate appreciation for and application of the values of honesty and personal integrity; dignity and worth of individuals; and fairness and justice.
4. Graduates with this major will competently discuss and apply a knowledge base including introductory level courses in behavioral sciences: (sociology, psychology, political science); exposure to the fundamental theories and practices in criminology, delinquency, law enforcement, corrections, criminal law and the court systems; and methods of study in social sciences and criminology in particular.
5. Graduates with this major will have exposure to a variety of professionals in the field and engage in service learning in at least one work setting.
6. Graduates with this major will be prepared for entry level work in a variety of occupations in the field of criminal justice or graduate training in the field.

Requirements: 39-40 credits of which 20 shall be numbered above 2999

CLTA2030. Intercultural Communication (3)

CLTA3180. Race, Class, and Gender (3)

COMM2030. Interpersonal Communications (3) **or**

CRIM3094. Topics in Criminal Justice (3)

CRIM1500. Introduction to Criminal Justice (3)

CRIM2250. Law Enforcement and Community Policing (3)

CRIM2960. Criminal Justice Practicum (1)

CRIM3150. Corrections (3)

CRIM3200. Juvenile Justice (3) **or**

CRIM3550. Criminology (3)

CRIM4250. Criminal Court Systems (3) **or**

CRIM4350. Criminal Law (2)

CRIM4360. Criminal Procedure (2)

CRIM4960. Internship in Criminal Justice (3 required)

POLS1030. Foundations of Politics: The Quest for Peace and Justice (3)

POLS4420. Civil Rights and Civil Liberties (3)

PSYC1550. Introduction to Psychology (3)

PSYC3455. Abnormal Psychology (3)

Criminal Justice field test to be completed during the senior year.

Bachelor of Arts, Cultural Anthropology

The Cultural Anthropology major at NNU provides students with a broad theoretical framework and approaches in the study of society. Students will study humankind in groups and subgroups, cultures, the social lives of individuals and groups, and global social processes. Coursework includes the study of various sociological perspectives and frameworks, and includes courses in related social sciences (psychology, cultural studies).

Administrator: Chair, Department of Psychology, Sociology, and Criminal Justice

Learning Outcomes:

1. Graduates of this major will be able to conduct ethnographic and statistical research and understand research methods in cultural studies and sociology (Truth, Transformation).
2. Graduates of this major will be able to critically and thoughtfully analyze cultural issues from a variety of perspectives, and will demonstrate comprehensive understanding of ethnicity, cultural aspects of religion, gender, and class (Community, Truth).
3. Graduates of this major and general education students will be able to use a variety of information technologies to research topics in the literature of related fields (Community, Transformation).
4. Graduates of this major and general education students will be able to identify the major theoretical perspectives and contributors to the discipline (Community).
5. Graduates of this major and general education students will reflect critically on their own cultural values and traditions. Graduates will learn to compare and contrast their own cultures with those studied throughout the major program (Truth, Community).
6. Graduates of this major will develop intercultural competencies as they interact and collaborate with individuals of a culture different from their own (Transformation).

Requirements: 47 credits of which 24 shall be numbered above 2999: 35 core credits; 2 years of a modern foreign language (12-16 credits); and a cultural immersion experience for major students.

CLTA1550. Cultural Anthropology (3)
CLTA2030. Intercultural Communication (3)
CLTA2040. Introduction to Ethnography (3)
CLTA2250. Issues of Developing Nations I (3); **or**
CLTA3250. Issues of Developing Nations II (3)
CLTA3180. Race, Class and Gender (3)
CLTA3340. Sociology of the Family (3)
CLTA3550. Sociology of Religion (3)
CLTA3970. Junior Research (1)
CLTA4094. Topics (1-3) (1 required)
CLTA4720. History of Anthropological Theory (3)

Two years of a modern foreign language (same language) (12-16)

Nine credits in cultural studies, psychology, or sociology numbered above 2999 (9)

Cultural Immersion Experience for Major Students: Students majoring in Sociology who have not lived in a cross-cultural setting different from their own culture(s) are required to study in such a setting for an extended period of time. Examples of acceptable experiences are a college-level summer school session or academic-year program at an international school recognized by Northwest Nazarene University. Approved Off-Campus (OCAM prefix) courses or approved transfer courses from travel-study programs may be substituted for courses listed in the categories above. Prior approval of a travel-study program must be obtained from the chair of the department. For more information about approved programs and university procedures for study abroad experiences, visit offcampusopp.nnu.edu. May fulfill a General Education Level IV Cross Cultural Experience if taken with CLST1004CCC Semester Abroad Intercultural Lab 4.

Bachelor of Arts, Psychology

Administrator: Chair, Department of Psychology, Sociology, and Criminal Justice

Learning Outcomes:

1. Graduates of this major and general education students will understand the scientific method in social science and graduates will be able to carry out a research project.
2. Graduates of this major will exhibit basic interpersonal skills; an understanding of a variety of professional roles; the purpose of at least one community agency, the clients it serves, and the intervention methods it uses.
3. Graduates of this major and general education students will be able to use a variety of information technologies to research topics in the literature of the field.
4. Graduates of this major and general education students will be able to identify the major theories and contributors to the discipline.
5. Graduates of this major will be able to meaningfully discuss the nature and behavior of human beings from Christian and social scientific perspectives, and to recognize the points of consensus and tension between the two. They will understand how to integrate issues of faith and values with the theories and practices of psychology.

Requirements: 50 credits: 41 core credits of which 18 shall be numbered above 2999, and 9 credits of electives that shall be numbered above 1999

Core courses: 41 credits

PSYC1550. Introduction to Psychology (3)

PSYC1615. Careers in Psychology (2)

PSYC2100. Lifespan Development (3)

PSYC2215. Research Design (3)

MATH2240. Elementary Statistics (3) **or**

PSYC3640. Experimental Design and Statistical Analysis I (3)

PSYC2245L. Statistical Analysis Lab (1)

PSYC2955. Psychology Pre-Practicum (1)

PSYC3455. Abnormal Psychology (3)

PSYC3702. Counseling Theory and Helping Skills (3)

PSYC3702L. Counseling Theory and Helping Skills Lab (1)

PSYC3960. Psychology Practicum (1-4) (1 required)

PSYC3970. Junior Research in Psychology (2)

PSYC4111. Human Sexuality (3)

PSYC4112. Human Diversity (3)

PSYC4762. History and Systems of Psychology (2-3) (2 required)

PSYC4975. Senior Research in Psychology (1-4) (1 required)

Choose 2 of the following courses:

PSYC3701. Contemporary Approaches in Child & Adolescent Development (3)

PSYC4511. Psychology of Religion (3)

PSYC4512. Social Psychology (3)

PSYC4761. Introduction to Neuropsychology and Psychopharmacology (3)

Psychology field test to be completed during the senior year.

Nine elective credits in Art, Business, Christian Education, Communications, Criminal Justice, Kinesiology, Political Science, Practical Theology, Psychology, or another related discipline selected in consultation with a psychology faculty advisor: (9)

Approved Elective Courses:

BSNS3510. Principles of Marketing (3)
BSNS3530. Marketing Communications (3)
BSNS3640. Principles of Management (3)
BSNS3650. Human Resource Management (3)
BSNS4560. Consumer Behavior Marketing Research
BSNS4670. Organizational Behavior
BIOL3720. Genetics (3)
CHED2220. Instructional Bible Study (2)
CHED3810.. Children's Ministries (2)
CHED3820. Youth Ministries (2)
CHED3840. Family Ministries (2)
COMM2030. Interpersonal Communication (3)
COMM2010. Small Group Communication (3)
COMM3020. Organizational Communication (3)
COMM3050. Nonverbal Communication (3)
CRIM3200. Juvenile Justice (3)
CRIM3550.Criminology (3)
CRIM4250. Criminal Court Systems (3)
CRIM4360. Criminal Procedures (2)
KINE2430. Health Issues in Today's Society (3)
KINE2730. Nutrition Across the Lifespan (2)
KINE3560. Psychology and Techniques of Coaching (3)
KINE3600. Motor Development and Motor Learning (2)
PHIL3520. Philosophy of Science (3)
PRTH2400. Christian Missions (3)
PRTH3210. Spiritual Formation and Christian Discipleship (2)
PRTH3750. Compassionate Ministries (2)
PSYC2559. Psychology of Motivation and Leadership (3)
PSYC3094. Topics in Psychology (1-3)
PSYC4619. Introduction to Psychological Testing (3)
PSYC4659. Advanced Psychology
Any SOGY course (2-3)
SOWK1720. Social Welfare in Contemporary Society (3)
SOWK2110. Introduction to Social Work (3)
SOWK3250. Substance Abuse, Prevention, and Intervention (3)
SOWK3350. Child Welfare Services (3)
SOWK3450. Gerontology and Geriatric Social Work (3)
SOWK4094. Topics in Social Work (1)

While not required, it is strongly encouraged that psychology majors also take 1-2 years (or minor) in a modern foreign language.

For Science Credit, one of the following is suggested:

BIOL1060. Human Biology **and**

BIOL1060L. Human Biology Lab (1)

BIOL2010. Human Anatomy and Physiology (3) **and**

BIOL2010L Human Anatomy and Physiology I Lab (1)

BIOL3850 Biological Foundations of Behavior (3) **and**

BIOL3850L Biological Foundations of Behavior Lab (1)

Minor, Criminal Justice

The minor in criminal justice provides an introduction to the field of criminal justice and enables students to explore issues related to the nature and treatment of crime; the relationships among law, social order and social justice; and the application of Christian principles to such issues.

Administrator: Chair, Department of Psychology, Sociology, and Criminal Justice

Requirements: 22-23 credits of which 15 shall be numbered above 2999

CLTA3180. Race, Class and Gender (3)

CRIM3200. Juvenile Justice (3); **or**

CRIM3550. Criminology (3)

POLS1030. The Foundations of Politics: Quest for Peace and Justice (3)

POLS4420. Civil Rights and Civil Liberties (3)

PSYC1265. Psychology for Life (2); **or**

PSYC1550. Introduction to Psychology (3)

PSYC3455. Abnormal Psychology (3)

SOGY2430. Social Problems in Modern Society (2)

Three credits in political science, psychology, or sociology numbered above 2999 (3)

Minor, Psychology

Administrator: Chair, Department of Psychology, Sociology, and Criminal Justice

Requirements: 18 PSYC credits of which 9 shall be numbered above 2999

Minor, Sociology

The minor in sociology provides students majoring in areas other than behavioral sciences the opportunity to enhance their understanding of cultural and sociological concepts and deepen their appreciation of diverse cultural expressions.

Administrator: Chair, Department of Psychology, Sociology, and Criminal Justice

Requirements: 19-23 credits, of which 9 shall be numbered above 2999, and the cultural immersion experience for minor students

ENGL3420. Foreign Literature in Translation (3) **or**

ENGL4270. Minority Voices in American Literature (3)

CLTA1550. Introduction to Cultural Anthropology (3)

CLTA2030. Intercultural Communication (3) **and**

CLTA2030CC Intercultural Lab 2 (0)

One course selected from:

SOGY2250. Issues of Developing Nations I (3)

SOGY3180. Race, Class and Gender (3)

SOGY3250. Issues of Developing Nations II (3)

SOGY3550. Sociology of Religion (3)

One or two semesters of a modern foreign language (4-8) (same language)

Three credits in sociology, cultural anthropology or cultural studies numbered above 2999 (3)

Cultural Immersion Experience for Minor Students: Students who have not lived in a cross-cultural setting different from their own culture(s) are required to study in such a setting for a brief period of time. Examples of acceptable experiences are a four-week college-level summer school session, or similar program at an international school recognized by Northwest Nazarene University. Approved Off-Campus (OCAM prefix) courses or approved transfer courses from travel-study programs may be substituted for courses listed in the categories above. Prior approval of a travel-study program must be obtained from the chair of the department. For more information about approved programs and university procedures for study abroad experiences, visit www.nnu.edu/studyabroad. May fulfill a General Education Level IV Cross Cultural Experience if taken with CLST1004CCC Semester Abroad Intercultural Lab IV.

Department of Social Work

Faculty: Lawanna Lancaster (Department Chair and Director of the MSW program), Drey Campbell, Mary Curran, LeAnn Stensgaard (Director of the B.A. program), Kimberly Lowe, Al Sanchez, Scott Slater

The primary goal of the Bachelor of Arts, Social Work program at Northwest Nazarene University is to prepare students for generalist social work practice in a variety of settings, both domestic and international. Students are required to complete a minimum of 38 credits of core social work courses and 18 credits of support courses included in the 124 credits needed to graduate. In addition, students will complete a minimum of 520 hours of supervised field experience in the community in settings such as child welfare, corrections, developmental disability services, health care, mental health, schools, and other agencies.

Northwest Nazarene University's social work program is nationally accredited at the undergraduate and graduate level by the Council on Social Work Education (CSWE).

Learning Objectives

- To nurture in students a Christlike worldview which embraces the values and ethics of the profession, including personal integrity, global diversity, a just society, and spiritual enrichment
- To cultivate in students a passion for alleviating discrimination, poverty, oppression, and all other forms of injustice for at-risk-populations
- To prepare students for advanced social work practice through the presentation of a comprehensive curriculum for working with individuals, families, groups, organizations, and communities
- To provide students with a quality education and field experience in a creative learning environment that promotes the development and application of the Council on Social Work Education core competencies at the generalist levels (www.cswe.org)

Mission of the Department: The primary program mission is to prepare students for beginning practice in the profession of social work.

Admission to Methods Courses: To qualify for entrance into upper division courses applicable for completion of a degree within the Department of Social Work, students must complete the following requirements:

1. Be officially admitted to Northwest Nazarene University
2. Have a minimum cumulative grade point average of 2.5
3. Declare a major in Social Work
4. Complete SOWK1720 and SOWK2110
5. Be enrolled in or have taken SOWK2850 and SOWK2851
6. Make application to take methods courses
7. Be interviewed by the Social Work faculty
8. Be accepted by the Social Work faculty to take methods courses

The student will be placed on probationary status if a minimum cumulative grade point average of 2.5 is not maintained.

Please note: Academic credit is not given for life or work experiences.

Major

Bachelor of Arts, Social Work

Minor

Social Welfare

Bachelor of Arts, Social Work

Administrator: Chair, Department of Social Work

Accreditation: This baccalaureate level social work program is accredited by the Council on Social Work Education.

Requirements: 55-57 credits including 38 in social work

Core Requirements:

SOWK1720. Social Welfare in a Contemporary Society (3)
SOWK2110. Introduction to Social Work and Social Welfare (3)
SOWK2850. Human Behavior in the Social Environment I: Theoretical Approaches Throughout the Lifespan(3)
SOWK2851. Human Behavior in the Social Environment II: Issues of Diversity(3)
SOWK3250. Substance Abuse, Prevention, and Intervention (3); **or**,
 SOWK3350. Child Welfare Services (3); **or**,
 SOWK3450. Social Work in Health Care (3)
SOWK3550. Social Work Methods I: Individuals and Families (3)
SOWK3551. Social Work Methods II: Groups, Organizations and Communities (3)
SOWK3750. Social Welfare Policy (3)
SOWK3960. Field Practice I (1)
SOWK3961. Field Practice II (1)
SOWK3970. Social Work Research and Statistics (3)
SOWK4094. Topics in Social Work (1)
SOWK4960. Social Work Practicum I (3)
SOWK4961. Social Work Practicum II (3)
SOWK4980. Seminar in Social Work I (1)
SOWK4981. Seminar in Social Work II/Capstone (1)

Foundation Courses: CLTA1550. Introduction to Cultural Anthropology (3); **or**,
 SOGY2430. Social Problems in Modern Society (2); **or**,
 CLTA2030. Intercultural Communication (3)
PSYC1550. Introduction to Psychology (3)
PSYC3455. Abnormal Psychology (3)
BIOL1060. Human Biology (3)
POLS1030. The Foundations of Politics: The Quest for Peace and Justice (3); **or**,
 ECON1050. Analysis of Economic Issues (3)
SOGY3180. Race, Class and Gender (3); **or**,
 ENGL4270. Minority Voices in American Literature (3); **or**
 A second year foreign language course (4)

Minor, Social Welfare

Requirements: 20-21 credits in social work of which 9 must be upper division

SOWK1720. Social Welfare in Contemporary Society (3)

SOWK2110. Introduction to Social Work (3)

SOWK2850. Human Behavior and the Social Environment I: Theoretical Approaches Throughout the Lifespan (3)

SOWK2851. Human Behavior and the Social Environment II: Issues of Diversity (3)

Select three of the following courses:

SOWK3250. Substance Abuse, Prevention, and Intervention (3)

SOWK3350. Child Welfare Services (3)

SOWK3450. Social Work in Health Care (3)

SOWK3750. Social Welfare Policy (3)

SOWK3970. Social Work Research and Statistics I (3)

Course Descriptions

ACCT2060 Financial Accounting (3)

An introduction to financial accounting in business. Topics include basic terminology, mechanics, theoretical framework of double-entry bookkeeping and preparing financial statements for external reporting. Emphasis is placed on creating the financial statements and includes topics related to inventory, receivables, long term assets, stocks and bonds.

ACCT2070 Managerial Accounting (3)

An introduction to managerial accounting in the business world. Course will explore decision-making models in factory and service organization settings. Topics include cost flows in a factory environment, cost-behavior patterns, break-even analysis, lease or buy, make or buy, and business contraction and expansion of product lines. Considers the time value of money and covers financial statements for internal use and the statement of cash flows. Computer applications will be used throughout the course. **Prerequisites:**

[ACCT2060](#), or instructor's approval.

ACCT3010 Income Taxation (3)

Course will include study of the theory and application of the Federal Internal Revenue Code, regulations, revenue rulings, revenue procedures and cases to individuals and sole proprietorships. Property transactions are covered together with the topics of gross income, deductions from gross income and losses, itemized deductions, losses and bad debts, employee expenses and deferred compensation, depreciation, cost recovery (ACRS and MACRS), depletion, amortization and inventory costs, non-taxable exchanges, section 1231 gains and losses, tax credits, and special tax computation methods. Offered: Alternate years **Prerequisites:** [ACCT2070](#), or instructor's approval.

ACCT3040 Cost Accounting (3)

Course includes an in-depth study of cost accounting with a managerial emphasis. Topics include a review of ACCT2070 (Managerial Accounting) and job-order costing systems, process costing systems, standard costs, cost behavior, direct (variable) costing, joint-product costing systems, cost of by-products, cost allocation methods, and accounting for waste and spoilage. Offered: Alternate years **Prerequisites:** [ACCT2070](#), or instructor's approval.

ACCT3094 Special Topics in Accounting (1-3)

This course is designed to address specific accounting topics as designated by the Instructor of Record and approved by the Department Chair and/or Dean.

ACCT3510 Intermediate Accounting I (3)

Course includes a detailed study of the conceptual (theoretical) framework of external financial reporting and the financial statements utilized in external reporting (except the statement of cash flows) and an in-depth study of certain current and non-current assets and liabilities. Topics include: basic theory, the income statement and statement of changes in retained earnings, the balance sheet, time value of money, cash and accounts receivable, inventories, fixed assets and depreciation, intangible assets, and current liabilities.

Prerequisites: [ACCT2070](#), or instructor's approval.

ACCT3520 Intermediate Accounting II (3)

A continuation of the study of certain current and long-term assets and liabilities begun in

ACCT3510. Topics include long-term liabilities, stockholders' equity, dilutive securities and earnings per share calculations, temporary and long-term investments, and computer spreadsheet applications. Accounting for pensions and post-retirement benefits, leases, statement of cash flows, and full disclosure will also be covered. **Prerequisites:** ACCT3510, or instructor's approval.

ACCT3960 Internship in Accounting (2-3)

On-the-job accounting experience involving decision-making and problem-solving techniques, skills, and knowledge acquired in the classroom. This experience is under the supervision of both an accountant and professor. Internship in Accounting will be a pass/fail grade and will be determined by the instructor. May be repeated for credit.

ACCT4020 Auditing (3)

A study of professional ethics, accountants' legal liability, internal control, evidence, reporting, and an introduction to statistical sampling and EDP auditing. Topics include general, field work and reporting standards, as well as selected statements on auditing standards. An audit case is required. Offered: Alternate years **Prerequisites:** ACCT3520, or instructor's approval.

ACCT4510 Advanced Financial Accounting (3)

An in-depth study of business combinations and consolidated financial statements from a financial reporting perspective. Topics include theory of business combinations (APBs 16, 17 and 18) and accounting for business combinations under the pooling or purchase method. Course will explore statutory mergers, statutory consolidation, acquisition of assets, acquisition of stock, consolidated financial statements at date of acquisition or subsequent to date of acquisition, and special inter-company transaction eliminations in consolidations. Offered: Alternate years **Prerequisites:** ACCT3520, or instructor's approval.

ARDE—Art and Design

ARDE1010 A Survey of Art and Music (3)

This course is designed specifically for the non-art major. An introduction to the stylistic characteristics and cultural climate of the important artistic epochs in art history. (See MUSC1010).

ARDE1020 2D Design (3)

A foundations course designed to promote an understanding of and appreciation for the various technical and aesthetic qualities fundamental to the visual arts.

ARDE1040 Drawing 1 (3)

An exploration of drawing with a foundation in observational studies. Throughout the course a broad range of drawing materials and applications will be introduced. Includes lecture and discussion on the history of drawing and the nature of drawing in contemporary art. **Prerequisites:** ARDE1020, or instructor's approval.

ARDE2010 3D Design (3)

An introductory studio experience, this course examines both technical and aesthetic relationships specific to three-dimensional forms as well as creative problem-solving through manipulation of various media and techniques. This course also emphasizes tool usage and studio safety. **Fees:** Additional fee required.

ARDE2050 Ceramics 1 (3)

A studio-based course designed to introduce students to the various basic forming, decorating, glazing, and firing techniques used in the medium of clay. **Fees:** Additional fee required.

ARDE2070 Figure Studies (3)

Coursework will be based on observation of the live model and will be carried out as an exploration in various traditional and non-traditional 2D media and methods for representing the figure. Offered alternate years. **Fees:** Additional fee required.

Prerequisites: [ARDE1040](#), or instructor's approval.

ARDE2094 Special Topics (1-3)

A concentrated study of one topic in art. May be repeated for credit. **Prerequisites:** Instructor's permission.

ARDE2280 Illustration 1: Visual Voice (3)

An introductory course in illustration with an emphasis on developing conceptual skills, individual expression, and technical expertise in a variety of media. Students will focus on the process of taking a project from thumbnails and roughs, through to finished art. **Fees:** Additional fee required. **Prerequisites:** [ARDE1040](#)

ARDE2350 Graphic Design 1: Introduction to Visual Communication (3)

An introduction to graphic design with emphasis on exploring the roles and responsibilities of design in contemporary culture. Studio projects will focus on graphic problem solving through the use of symbols, type, and imagery, with additional emphasis on the exploration of design applications, techniques, issues, and media fundamental to the graphic design profession. **Prerequisites:** [ARDE1020](#), or instructor's approval. **Corequisites:** [ARDE2430](#)

ARDE2360 Graphic Design 2: Typography (3)

An exploration of typography as a vehicle for expressive communication. Visual hierarchy, principles of contrast, verbal messages, and the consideration of communication models will all be emphasized. **Prerequisites:** [ARDE2350](#), [ARDE2430](#)

ARDE2410 Painting 1 (3)

An introduction to the fundamentals of painting. This course is designed to develop the student's ability to accurately translate color and effectively organize pictorial space and compositional ideas. **Fees:** Additional fee required. **Prerequisites:** [ARDE1040](#), or instructor's approval.

ARDE2430 Introduction to Computer Graphics (3)

An introductory digital design course emphasizing industry standard drawing, photo editing and layout computer applications, especially the Adobe Creative Suite. Students will gain foundational technical skills that are applied through relevant projects. **Fees:** Additional fee required. **Corequisites:** [ARDE2350](#)

ARDE2760 Photography 1 (3)

An introductory course in the fundamentals of black and white photography and the medium as a means of visual expression. Students will learn 35mm camera operation, film developing and darkroom printing. Basic design principles are reinforced through assignments. Students should have a 35mm SLR camera. **Fees:** Additional fee required. **Prerequisites:** [ARDE1020](#), or instructor's approval.

ARDE3010 Sculpture 1 (3)

Intermediate studio experience with emphasis upon development and refinement of

practical and theoretical concerns related to three-dimensional artwork. Projects in this course will include various additive, reductive, and constructive procedures, as well as historical and contemporary sculptural issues. Offered alternate years **Fees:** Additional fee required. **Prerequisites:** [ARDE1020](#), [ARDE2010](#)

ARDE3050 Ceramics 2 (3)

Further exploration, development, and refinement of individual projects in the medium of clay. This course is designed to explore both traditional vessel and sculptural ceramic forms. Contemporary issues as well as the use of other media along with clay are explored.

Fees: Additional fee required. **Prerequisites:** [ARDE2050](#), or instructor's approval.

ARDE3060 Printmaking (3)

An introduction to the processes and history of printmaking with an emphasis on screen-printing for artistic and commercial purposes. Processes may include screenprinting and blockprinting techniques. Offered alternate years. **Fees:** Additional fee required.

Prerequisites: [ARDE2430](#), or instructor's approval.

ARDE3070 Drawing 2 (3)

A continued exploration of drawing processes, materials and methods of representation. Expanding upon the foundation established in Drawing 1, less conventional materials and processes will be introduced. Emphasis will be placed on the development of the student's individual visual vocabulary. Offered alternate years. **Prerequisites:** [ARDE1040](#)

ARDE3080 Introduction to Bookmaking and Letterpress (3)

Students will explore a variety of book structures as well as an introduction to letterpress printing. Students will learn to hand set type in the letterpress studio. Book forms that may be explored are folded, pop-up, soft and hard cover structures. A variety of sewing techniques will be included. **Fees:** Additional fee required.

ARDE3250 Art History 1 (3)

Survey of visual art and architecture from its pre-historic origins through the Gothic period. Offered alternate years.

ARDE3280 Illustration 2: Visual Story Book (3)

A continuation of illustrative approaches and techniques with emphasis in visual journalism, visual narrative, and portfolio development. Students will create a series of images with a unifying theme or narrative for exhibition and portfolio use. Additional instruction will be given on the business of illustration and potential career paths.

Prerequisites: [ARDE1040](#), [ARDE2280](#), or instructor's approval.

ARDE3330 Teaching Art in the K-8 School (3)

Introduces elementary education majors to theoretical and practical experiences necessary for incorporating a discipline-based art education program into the elementary school curriculum. This course may include actual teaching experiences. (See EDUC3330)

Prerequisites: Instructor's approval, Program admission required.

ARDE3340 Design History: Industrial Revolution to Contemporary Design (3)

An examination of the history, process and practice of design from the middle of the 18th century to the new millennium. Objects, designers, history and culture which led to the birth and development of the design profession will be addressed, along with design's influences in art, architecture, science and industry.

ARDE3360 Graphic Design 3: Advanced Practice (3)

Advanced applications of graphic design including multifaceted communication problems,

professional-level assignments and critical analysis of various historic and contemporary graphic forms. Emphasis will also be placed on the development of professional production techniques. **Fees:** Additional fee required. **Prerequisites:** [ARDE2350](#), [ARDE2360](#), [ARDE2430](#)

ARDE3410 Painting 2 (3)

A continuing exploration of painting including more contemporary materials and processes. Historical and contemporary approaches will be analyzed. Emphasis on the individualization of each student's visual vocabulary and their understanding of contemporary issues in painting. Offered alternate years. **Fees:** Additional fee required.

Prerequisites: [ARDE2410](#)

ARDE3430 Digital Photography (3)

Students will explore digital imaging techniques and applications of acquiring, manipulating and outputting digitized photographic images using Adobe Lightroom and Photoshop. Students should have a DSLR for this course. **Fees:** Additional fee required.

Prerequisites: [ARDE2430](#), [ARDE2760](#), or instructor's approval.

ARDE3440 Introduction to Web Design (3)

Introductory experiences in the creation and production of web-based graphic forms through the use of HTML and industry-standard software applications including Adobe Dreamweaver. **Fees:** Additional fee required. **Prerequisites:** [ARDE2350](#), [ARDE2360](#), or instructor's approval.

ARDE3500 Studio Practice and Critique (3)

Cross-emphasis studio course structured to develop professional studio practice through rigorous critique, individuated expression, and criticality regarding relevant issues in contemporary art production. Course normally taken in the junior year. **Prerequisites:** Declared Art major, or instructor's approval.

ARDE3530 Teaching Art in the Secondary Schools (3)

This course examines pragmatic techniques and philosophical approaches necessary to design, implement, and evaluate a comprehensive discipline-based art education program at the secondary school levels. Additionally, both historical and contemporary art education issues are examined, discussed, and evaluated. (See EDUC3530) **Prerequisites:** Junior classification, or instructor's approval. Program admission required. **Corequisites:** EDUC3750, EDUC3510

ARDE3730 Advanced Typography (3)

An advanced exploration of typography as a vehicle for expressive communication, especially as it relates to the online and digital environment. Students will explore advanced typographic concepts such as learning to design custom typefaces using font generation software, developing type in motion (eg. film and digital application title sequences), and developing typography for user-centered interactive experiences (eg. websites, kiosks, digital apps). **Prerequisites:** [ARDE2360](#)

ARDE3750 Art History 2 (3)

Survey of visual art and architecture from the Renaissance through the 20th century. Offered alternate years.

ARDE3760 Photography 2 (3)

Introduction to alternative photographic processes and medium format cameras. Skills learned in Photography 1 are applied with more advanced opportunities for self expression

and conceptualization. Students will gain a working knowledge of the history of photography. Topics may include: Cyanotype, VanDyke brown, Fuji film, digital negatives, handmade Pinhole cameras, Encaustic, liquid emulsion, and bookbinding. **Fees:** Additional fee required. **Prerequisites:** [ARDE2760](#)

ARDE3950 Modern and Contemporary Art History (3)

The history of visual art from Impressionism in the 19th century to contemporary art in the 21st century, including a survey of Art Criticism and Theory. Focused on the development of modern and contemporary art and its relationship to experience as a defining factor, this course is an exploration of the impact and implications for current art production and reception. Exposure to contemporary art through field trips to galleries and museums. Offered alternate years. **Fees:** Additional fee required.

ARDE4030 Sculptural Installation (3)

This course is designed for junior and senior art majors. The purpose of this course is to explore both traditional and non-traditional art media in site-specific and/or installation formats. Offered alternate years. **Fees:** Additional fee required. **Prerequisites:** [ARDE1020](#), [ARDE2010](#)

ARDE4094 Special Topics (1-3)

A concentrated study of one topic in art. May be repeated for credit. **Prerequisites:** Instructor's permission.

ARDE4360 Graphic Design 4: Portfolio Preparation (3)

Advanced design course emphasizing the development of a working portfolio and other self-promotional materials. Additional projects may include books, CD jackets, packaging, logotypes, and corporate identity campaigns. **Fees:** Additional fee required. **Prerequisites:** [ARDE2350](#), [ARDE2360](#), [ARDE2430](#), [ARDE3360](#)

ARDE4440 Advanced Web Design (3)

Advanced web design course with emphasis on the construction of dynamic commercial websites with additional consideration of theories of interactivity, animation, and usability on the web. Course will also focus on the development of technical skills using industry-standard applications. **Prerequisites:** [ARDE3440](#), [ARDE2360](#), [ARDE2430](#)

ARDE4500 Studio Practice and Critique (3)

Cross-emphasis studio course structured to develop professional studio practice through rigorous critique, individuated expression, and criticality regarding relevant issues in contemporary art production. Course normally taken in the senior year. **Prerequisites:** [ARDE3500](#)

ARDE4540 Integrated Media Campaigns (3)

This course will require the development of broad-based media campaigns utilizing a variety of print, digital, and social media. The development of dynamic and appropriate visual systems and implementation of those systems toward a specific market audience will be emphasized. Projects may include real-world campaigns for local and regional institutions. **Prerequisites:** [ARDE3360](#), [ARDE3440](#), BSNS 3530 OR BSNS 3510, or instructor's approval.

ARDE4870 Senior Exhibition (3)

A course in professional practices for the studio artist and designer. Students will learn the practical skills necessary to promote, design and carry out an exhibition or portfolio presentation of their work culminating in a solo or group exhibition in the Friesen

Galleries. **Prerequisites:** [ARDE4360](#) OR [ARDE4500](#). Art major with Senior classification, or instructor's approval.

ARDE4950 Engaging Art and Faith (3)

A senior-level capstone experience in which students concentrate on class readings that engage their faith perspective with their art and design practice. The nature of the fine arts disciplines lends itself to servant leadership, therefore servant-hood through the visual arts will be a component in this course. Course will include discussions, writings and projects that engage the community. Previous projects have been Stations of the Cross during Holy Week, working with Grace Episcopal Church and Farmway Village students, and an art workshop with refugee women at Full Circle Exchange. Fulfills a General Education Level One Cross Cultural Experience if taken with ARDE4950CC Intercultural Lab 1. Fulfills Capstone requirement. Fees: Additional fee required for optional Cross-Cultural credit.

Prerequisites: Senior classification.

ARDE4960 Internship (3)

Course designed to give students hands-on working experience in the professional art and design world. A minimum of 140 hours required. This is a Pass/Fail course. **Prerequisites:** Junior or Senior classification.

ARDE4990 Aesthetics and Faith (3)

A senior level capstone course integrating philosophy and the visual arts. Students will have a working knowledge of basic theories in aesthetics with an aim toward an informed assessment of the visual arts. The culminating project will consist of a group-produced artwork displaying a robust synthesis of aesthetic theory, basic art practice, and the university outcomes. The project will include a ten page paper articulating the group's process. Offered: Alternate years. **Fees:** Additional fee required. **Prerequisites:** Senior classification.

BIBL—Biblical Studies

BIBL1100 Introduction to Biblical Studies (3)

An introduction to the serious study of the Bible in its historical, cultural, and literary context. The course emphasizes the essential content, structure, and theological message of the books of the Bible. Students are introduced to the practice of biblical exegesis and to the geography and archaeology of the lands of the Bible. This course is designed for general students. **Corequisites:** HUMN1010

BIBL3094 Topics in Biblical Literature (1)

An examination of some phase of Old or New Testament studies not covered in other courses. May be repeated for credit. **Prerequisites:** [BIBL1100](#), [THEO2100](#)

BIBL3220 Psalms (3)

An exegetical and practical study of the book of Psalms. The course will include a discussion of the structure, formation and theology of the Psalms. Representative samples of each major type of Psalm will be studied. Part of the course will develop practical ways of using Psalms for personal spiritual formation. This course is designed for general students. **Prerequisites:** [BIBL1100](#), [THEO2100](#)

BIBL3230 Wisdom Literature (3)

An exegetical and practical study of the books of Job, Proverbs, Ecclesiastes, and the Song of

Songs. The course will include a discussion of the structure, formation and theology of the wisdom literature. Students will also be introduced to ancient wisdom literature from other cultures. Part of the course will develop practical ways of using the wisdom literature for personal spiritual formation. This course is designed for general students.

Prerequisites: [BIBL1100](#), [THEO2100](#)

BIBL3260 Life and Teachings of Jesus (3)

A study of the life and ministry of Jesus in the Synoptic Gospels with special attention to background, exegesis and theological interpretation. Personal and social implications leading to spiritual formation and social responsiveness will be emphasized. This course is designed for general students. **Prerequisites:** [BIBL1100](#), [THEO2100](#)

BIBL3270 Johannine Writings (3)

An inductive study of selected books traditionally included within the Johannine collection: the Gospel of John, the Johannine Letters, and the Book of Revelation. The course will focus on the development of exegetical skills and on the theology of these texts, with particular attention to the role of these texts in spiritual formation. This course is designed for general students. **Prerequisites:** [BIBL1100](#), [THEO2100](#)

BIBL4250 Parables of Jesus (2)

An exegetical study of the parables of Jesus in the Synoptic Gospels, with some attention to their interpretation in the past and present. The course considers the meaning and significance of the parables in the contexts of the life and ministry of Jesus, the Gospels, and contemporary Christians. Offered: Every third year. **Prerequisites:** [BIBL1100](#), [THEO2100](#)

BIBL4310 Luke and Acts (2)

An in-depth study of the Gospel of Luke and the book of Acts. The course will give specific attention to Luke's Gospel within the canonical context of the Synoptic Gospels, to Acts as it relates to the letters of the New Testament, to issues of continuity between Luke and Acts, and to the development of literary/narrative exegetical methods. Offered: Alternate years.

Prerequisites: [BIBL1100](#), [THEO2100](#)

BIBL4330 Pauline Epistles (2)

An in-depth study of selected letters of Paul with the historical background provided by Acts. The course will emphasize the occasion, purpose and theological message of one or two different letters on a rotating basis. May be repeated for credit. Offered: Alternate years. **Prerequisites:** [BIBL1100](#), [THEO2100](#)

BIBL4410 History of Ancient Israel (2)

An in-depth study of the history and archaeology of the Hebrew people beginning with formative principles in the Patriarchal period and ending with the Reconstruction period of Ezra. Israel's interrelations with other ancient Near Eastern nations will also be discussed. Offered: Alternate years **Prerequisites:** [BIBL1100](#), [THEO2100](#)

BIBL4420 Hebrew Prophets (2)

An exegetical study of the prophets of the Old Testament. The course will include an overview of the history of the prophetic movement and the primary message of each writing prophet. One or two books will be studied in-depth as a foundation for sermon building. Offered: Alternate years **Prerequisites:** [BIBL1100](#), [THEO2100](#)

BIOL—Biology

BIOL1010 Introduction to Biology (3)

A survey of key biological principles including subject areas of cell structure, physiology, zoology, botany, ecology, genetics and evolution. Course goals include helping students develop an understanding of the nature and processes of science, and exploring how key biological concepts apply to citizens. It is designed for the general student and will not meet major requirements for degrees in Biology.

BIOL1010L Introduction to Biology Laboratory (1)

A study of selected topics in a laboratory setting intended to reinforce concepts taught in BIOL1010, and to facilitate learning the processes of science. **Fees:** Additional fee required.

Corequisites: BIOL1010

BIOL1030 Earth Science (3)

Study of the earth's crust and mantle with emphasis on the physical and chemical processes at work in the earth. The principle of uniformity and the rock cycle are used to study formation and transformation of rocks and minerals. Topics on erosion, volcanism, earthquakes, and mountain building are included; weather and climate are included whenever pertinent. Although designed primarily for non-science majors, all students may take this course. **Corequisites:** BIOL1030L

BIOL1030L Earth Science Laboratory (1)

A laboratory course taught in connection with BIOL1030. Field and laboratory activities are included. **Fees:** Additional fee required. **Corequisites:** BIOL1030

BIOL1040 Environmental Science (3)

A study of the issues pertaining to environmental sustainability including topics such as population growth, energy, pollution, and conserving biodiversity. A central theme is Christian Stewardship.

BIOL1040L Environmental Science Laboratory (1)

A study of selected topics in a laboratory setting intended to reinforce concepts taught in BIOL1040, and to facilitate learning the processes of science. **Corequisites:** BIOL1040

BIOL1060 Human Biology (3)

Selected topics related to the human body with particular emphasis on the integration of form and function as well as genetics and ethics. This course does not apply toward major requirements in biology.

BIOL1060L Human Biology Laboratory (1)

A laboratory study, using selected topics relating to the human body, which is intended to be taught in connection with BIOL1060. This course does not apply toward major requirements in biology. **Fees:** Additional fee required. **Corequisites:** BIOL1060

BIOL1960 Clinical Observation (1)

Designed to provide an observation experience in physical therapy or athletic training settings. May be repeated for credit. (See KINE1960)

BIOL2010 Human Anatomy and Physiology I (3)

A study of the structure and function of the human body using a systems approach. The following topics will be covered: cell biology, histology, integumentary system, skeletal system, muscular system, nervous system, and sensory organs. **Corequisites:** BIOL2010L

BIOL2010L Human Anatomy and Physiology I Laboratory (1)

A laboratory study of select organ systems that will be explored using prosected human cadavers, anatomical models, and computerized data acquisition and analysis. **Fees:**

Additional fee required. **Corequisites:** BIOL2010

BIOL2030 Human Anatomy and Physiology II (3)

A study of the structure and function of the human body using a systems approach. The following systems will be covered: endocrine, circulatory, lymphatic, respiratory, digestive, urinary, and reproductive systems. **Corequisites:** BIOL2030L

BIOL2030L Human Anatomy and Physiology II Laboratory (1)

A laboratory study of select organ systems that will be explored using prosected human cadavers, anatomical models and computerized data acquisition and analysis. **Fees:**

Additional fee required. **Corequisites:** BIOL2030

BIOL2094 Special Topics in Biology (1-3)

A variety of timely topics may be explored as the demand of students or the interest of the faculty involved dictates. **Prerequisites:** Instructor's approval

BIOL2220 General Biology I (3)

A survey of the basic concepts of biology with emphasis on cellular processes and genetic principles. This course is designed for students who intend to major in the sciences and those in pre-medicine and related fields. **Corequisites:** BIOL2220L

BIOL2220L General Biology I Laboratory (1)

A laboratory study of the basic concepts of biology with emphasis on cellular processes and genetic principles. **Fees:** Additional fee required. **Corequisites:** BIOL2220

BIOL2230 General Biology II (3)

A survey of the basic concepts of biology with emphasis on life's diversity. This course introduces students to systematics, taxonomy, and the biology of representatives from the domains of Eubacteria (true bacteria), Archaea (methanogenic bacteria, etc), and Eukarya (protists, fungi, plants, and animals). This course is designed for students who intend to major in the sciences and those in pre-medicine and related fields. **Corequisites:**

BIOL2230L

BIOL2230L General Biology II Laboratory (1)

A laboratory study of the basic concepts of biology, using selected topics relating to the biodiversity of life. **Fees:** Additional fee required. **Corequisites:** BIOL2230

BIOL2240 Plant and Animal Ecology (3)

A study of the interactions between environment, flora and fauna at the population, community and ecosystem levels, including current theory and application. **Prerequisites:**

BIOL2220, BIOL2230, or instructor's approval.

BIOL2300 Idaho Amphibians (4)

This field-intensive course acquaints the student with the uniqueness and diversity of Idaho's amphibians. Through lecture, laboratory sessions and field trips, the course explores the distinguishing features for identification, distribution, natural history, and habitat requirements of Idaho's amphibian species. Amphibian declines and the conservation issues of each species are discussed throughout. This course can be used as general education laboratory credit.

BIOL2320 Idaho Birds of Prey (4)

This course acquaints the student with the uniqueness and diversity of Idaho's birds of prey. Through lecture, laboratory sessions and field trips, the course explores the distinguishing features for identification, distribution, natural history, and habitat requirements of most North American birds of prey. Threats to raptor populations and the conservation issues of each species are discussed throughout. This course can be used as general education laboratory credit.

BIOL2420 Microbiology (3)

A survey of the structure, metabolism, and control of various bacteria, viruses, parasites and fungi with special emphasis on the disease causing microorganisms. **Prerequisites:** [CHEM1210](#), [CHEM2210](#) or [BIOL2220](#) **Corequisites:** BIOL2420L

BIOL2420L Microbiology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BIOL2420. **Fees:** Additional fee required. **Corequisites:** BIOL2420

BIOL2970 Introduction to Research (1)

Students will develop an understanding of the nature of science and how to conduct scientific inquiry. Course content will include literature search, experimental design, and basic analysis.

BIOL3094 Special Topics in Biology (1-3)

A variety of timely topics may be explored as the demand of students or the interest of the faculty involved dictates. **Prerequisites:** Instructor's approval

BIOL3160 Plant Taxonomy (3)

A study of the principles of plant classification with emphasis on collection and identification of native and introduced vascular plants. Offered: Alternate years.

Prerequisites: [BIOL2230](#) **Corequisites:** BIOL3160L

BIOL3160L Plant Taxonomy Laboratory (1)

A laboratory oriented to the identification and field study of native and introduced plants, which is intended to support BIOL3160. Offered: Alternate years. **Fees:** Additional fee required. **Corequisites:** BIOL3160

BIOL3250 Tropical Ecology (3)

A study of the major themes and principles of ecology applied within the framework of the Neotropics. Emphasis will be placed on the autecology and natural history of select species (both vertebrate and invertebrate), and the ecological interactions at the population, community and ecosystem levels. Students will gain an understanding of select tropical biomes and representative ecological interactions from each biome. A Christian perspective will be used to explore the human dimensions of tropical ecology and the appropriate ethic for conservation. **Prerequisites:** [BIOL2240](#), or instructor's approval.

BIOL3250L Tropical Ecology Laboratory (1)

A study of selected topics of Neotropical ecology conducted in a field setting while visiting various tropical biomes. This laboratory course requires international travel and consequently a current passport. The course fee will cover travel costs including airfare, in-country transport, food, lodging and necessary field supplies. **Fees:** Additional fee required. **Prerequisites:** [BIOL2240](#), or instructor's approval. **Corequisites:** BIOL3250

BIOL3300 Vertebrate Zoology: Herpetology (3)

A survey of the structure, function, ecology and systematics of amphibians and reptiles (herpetology). Representative taxa from the Pacific Northwest will provide field context for these explorations, while laboratory explorations will utilize diverse taxonomic representatives. Course will include identification of Idaho fish, amphibian, and reptile species. Offered: Alternate years. **Prerequisites:** BIOL2220, BIOL2230, or instructor's approval. **Corequisites:** BIOL3300L

BIOL3300L Vertebrate Zoology: Herpetology Laboratory (1)

A study of selected topics in laboratory and field settings, which is intended to be taught in connection with BIOL3300. Representative taxa from the Pacific Northwest will provide field context for these explorations, while laboratory explorations will utilize diverse taxonomic representatives. Offered: Alternate years. **Corequisites:** BIOL3300

BIOL3320 Vertebrate Zoology: Ornithology (3)

A survey of the structure, function, ecology, behavior and systematics of birds (ornithology). Representative taxa from the Pacific Northwest will provide context for these explorations. Course will include identification of Idaho bird species. Offered: Alternate years. **Prerequisites:** BIOL2220, BIOL2230, or instructor's approval.

Corequisites: BIOL3320L

BIOL3320L Vertebrate Zoology: Ornithology Laboratory (1)

A study of selected topics in laboratory and field settings, which is intended to be taught in connection with BIOL3320. Representative taxa from the Pacific Northwest will provide context for these explorations. Course will include identification of Idaho bird species. Offered: Alternate years. **Fees:** Additional fee required. **Corequisites:** BIOL3320

BIOL3330 Vertebrate Zoology: Mammalogy (3)

A survey of the structure, function, ecology, behavior and systematics of mammals (mammalogy). Representative taxa from the Pacific Northwest will provide context for these explorations. Course will include identification of Idaho mammal species. Offered: Alternate years. **Prerequisites:** BIOL2220, BIOL2230, or instructor's approval.

Corequisites: BIOL3330L

BIOL3330L Vertebrate Zoology: Mammalogy Laboratory (1)

A study of selected topics in laboratory and field settings, which is intended to be taught in connection with BIOL3330. Representative taxa from the Pacific Northwest will provide context for these explorations. Course will include identification of Idaho mammal species. Offered: Alternate years. **Fees:** Additional fee required. **Corequisites:** BIOL3330

BIOL3360 Vertebrate Comparative Anatomy (3)

A comparative study of the development and anatomy of all classes of vertebrates, including organ and organ systems levels of comparison. Recommended background: BIOL2230. Offered: Alternate years. **Corequisites:** BIOL3360L

BIOL3360L Vertebrate Comparative Anatomy Laboratory (1)

A study of selected topics in a laboratory setting, with an emphasis on dissections of representatives of vertebrate classes, which is intended to be taught in connection with BIOL3360. Offered: Alternate years. **Fees:** Additional fee required. **Corequisites:** BIOL3360

BIOL3420 General Microbiology (3)

A survey of the structure, metabolism, and control of various bacteria, viruses, parasites, and fungi. This course is intended for science majors with a strong molecular emphasis

compared to BIOL2420 . Offered: Alternate years. **Prerequisites:** [BIOL2220](#) **Corequisites:** BIOL3420L

BIOL3420L General Microbiology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BIOL3420. Offered: Alternate years. **Fees:** Additional fee required.

Corequisites: BIOL3420

BIOL3460 Cell Biology (3)

A study of the processes common to life at the molecular and cellular level. This course deals primarily with the structure and function of eukaryotic cells with focus on cell composition, organelles, cytoskeleton, bioenergetics, metabolic processes, cell signaling, the cell cycle, apoptosis, and cancer. It is strongly recommended that Genetics (BIOL3720) be taken prior to this course. Offered: Alternate years. **Prerequisites:** [BIOL2220](#), [BIOL2230](#), or instructor's approval. **Corequisites:** BIOL3460L

BIOL3460L Cell Biology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BIOL3460. Offered: Alternate years. **Fees:** Additional fee required.

Corequisites: BIOL3460

BIOL3500 Bioethics (2)

A survey of biotechnological advances and a review of ethical theories. A series of guest lecturers explore various facets of biotechnology and ecology as viewed from each particular discipline. These include issues viewed from research science, ecology, genetics, reproduction technologies, ethics, sociology, and politics. **Prerequisites:** [BIOL1060](#) or equivalent

BIOL3510 Studies in Histology (1)

A supervised practical survey of normal human cells and tissues. This is a microscopic laboratory study of all the organ systems. Offered: Alternate years. **Prerequisites:** [BIOL2220](#), [BIOL2230](#)

BIOL3520 Developmental Biology (3)

An in-depth study of the processes of vertebrate development and reproduction with emphasis on the underlying molecular and cellular mechanisms. Gametogenesis, fertilization, cleavage, gastrulation, organogenesis, histological differentiation, early events in embryological development, and late events in embryological development. Offered: Alternate years. **Prerequisites:** [BIOL2220](#), [BIOL2230](#), or instructor's approval.

BIOL3520L Developmental Biology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BIOL3520. Offered: Alternate years. **Corequisites:** BIOL3520

BIOL3540 Immunology (3)

This course introduces students to the immune system and the basics of immunology. Topics will begin with a survey of the cells and organs of the immune system, innate and adaptive immunity, lymphocyte development, and effector mechanisms of both cell-mediated and humoral immunity. Concluding topics will integrate basic immunological concepts with regulatory interactions between different components of the immune system, deleterious effects of aberrant immune processes, and the immunopathology of various disease states. Offered: Alternate years. **Prerequisites:** [BIOL2220](#), [BIOL2230](#)

Corequisites: BIOL3720

BIOL3620 Vertebrate Physiology (3)

An in-depth survey of the basic physiological principles of vertebrate organs and systems, with emphasis placed on humans. Offered: Alternate years. **Prerequisites:** BIOL2220, BIOL2230 **Corequisites:** BIOL3620L

BIOL3620L Vertebrate Physiology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BIOL3620. Offered: Alternate years. **Fees:** Additional fee required.

Corequisites: BIOL3620

BIOL3640 Teaching Science in the Secondary School (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to assist and teach a minimum of 20 hours. (See EDUC3640) **Prerequisites:** Junior classification, Program admission required. **Corequisites:** EDUC3750, EDUC3510

BIOL3720 Genetics (3)

This course introduces students to classical Mendelian and contemporary molecular genetics. Topics will include Mendelian patterns of inheritance, transmission genetics, chromosome structure and function, genetic mutation, chromosomal aberrations, the structure, function and control of genes, techniques in genetics and model organisms, cell-cycle dynamics, recombinant DNA mechanisms, population genetics, etc. **Prerequisites:** BIOL2220, BIOL2230 **Corequisites:** BIOL3720L

BIOL3720L Genetics Laboratory (1)

A study of selected genetics topics in a laboratory setting, which is intended to be taught in connection with BIOL3720. **Fees:** Additional fee required. **Corequisites:** BIOL3720

BIOL3740 Origins (3)

This course is designed to inform students of competing views of origins from a Christian perspective and to prepare students for graduate school. Biblical, classical and current theories of origins will be surveyed, with an emphasis on modern synthetic theory of organic evolution, including mechanisms, adaptations, and phylogeny. **Prerequisites:** BIOL2220, BIOL2230, BIOL3720

BIOL3820 Pathophysiology (3)

An in-depth exploration of the mechanisms and manifestations of selected human disease states resulting in alterations of the body's dynamic equilibrium. **Prerequisites:** BIOL2010, BIOL2030; or, BIOL2220, BIOL2230

BIOL3850 Biological Foundations of Behavior (3)

A comprehensive study of basic brain organization and function and the neural substrates of emotion, motivation, learning, and memory. Recommended background: BIOL2010, 2030; or, 2230. Offered: Alternate years. **Corequisites:** BIOL3850L

BIOL3850L Biological Foundations of Behavior Laboratory (1)

Students will complete lab tasks involving exploration of biopsychological concepts. Students will also complete dissection of a sheep brain and a cow eye. Offered: Alternate years **Fees:** Additional fee required. **Corequisites:** BIOL3850

BIOL3920 Cadaver Dissection I (1)

A directed dissection of human cadavers using a systems approach focusing on integumentary, muscular, and nervous system anatomy. **Prerequisites:** Instructor's approval

BIOL3930 Cadaver Dissection II (1)

A directed dissection of human cadavers using a systems approach focusing on cardiovascular, respiratory, digestive, urinary, and reproductive system anatomy.

Prerequisites: Instructor's approval

BIOL3960 Internship in Biology (1-4)

A supervised, practical work experience in the student's area of interest performed under a trained professional in a chosen field of biology for a minimum of 40 hrs. per credit. By exposure to a variety of skills and settings the student gains an understanding of various professions in biology and obtains practical experience in his/her area of interest. May be repeated for credit. **Prerequisites:** Completed application form including work supervisor consent, and instructor's permission.

BIOL3970 Research (1-3)

Involves the participation of the student with a faculty member in an individual investigative project or literature review. May be repeated for up to 4 credits.

Prerequisites: [BIOL2970](#), or instructor's approval.

BIOL4094 Special Topics in Biology (1-3)

A variety of timely topics may be explored as the demand of students or the interest of the faculty involved dictates. **Prerequisites:** Instructor's approval

BIOL4240 Field Ecology (3)

A study of the interactions between environment, flora and fauna in the field with emphasis on the identification and ecology of species. Various ecological techniques such as estimating abundance, evaluating spatial patterns, and sampling and estimating community parameters, will be applied and technologies such as geographical information systems (GIS) will be explored. Offered: Alternate years. **Prerequisites:** [BIOL2240](#), or instructor's approval. **Corequisites:** [BIOL4240L](#)

BIOL4240L Field Ecology Laboratory (1)

A study of selected topics in laboratory and field settings, which is intended to be taught in connection with [BIOL4240](#). Offered: Alternate years **Fees:** Additional fee required.

Corequisites: [BIOL4240](#)

BIOL4410 Biochemistry I (3)

A qualitative and quantitative study of the molecular basis of biological function. Major topics include biomolecular structure and behavior, proteins and enzymes, membranes, thermodynamics and cell metabolism. An in-depth survey of the major areas of biochemistry. **Prerequisites:** [CHEM3210](#)

BIOL4410L Biochemistry I Laboratory (1)

A practical application of biochemistry techniques to investigate the principles of biochemistry. Students will engage in experiments that make use of spectroscopy, chromatography, electrophoresis, kinetics assays, and other methods. Abilities in written communication, in the form of reports and notebooks, will be developed around these standard laboratory skills. **Fees:** Additional fee required. **Corequisites:** [BIOL4410](#)

BIOL4420 Biochemistry II (3)

A qualitative and quantitative study of the molecular basis of biological function. Major topics include cell metabolism and molecular genetics. An in-depth survey of the major areas of biochemistry. **Prerequisites:** [BIOL4410](#)

BIOL4960 Internship in Physical Therapy (1-4)

A supervised, practical work experience in physical therapy. The pre-physical therapy student works with registered physical therapists in clinical settings. By exposure to a variety of skills and settings the student gains an understanding of the profession of Physical Therapy. May be repeated for credit. **Prerequisites:** [KINE1960](#), Junior classification, and a cumulative grade point average of 3.20.

BIOL4970 Pre-Physical Therapy Capstone (1)

This experience is required of seniors completing the B.S. in Pre-Physical Therapy degree and involves the written and oral presentation of work completed in BIOL4960. It will also include a written reflection pertaining to University Outcomes.

BIOL4980 Senior Seminar/Capstone (1)

This experience is required of seniors completing the B.S. or B.A. in Biology degrees and involves the written and oral presentation of work completed in BIOL3970, as well as written reflections on University Outcomes, and completion (at or above a 10th percentile composite score) of the Biology Major Fields Test.

BSNS—Business

BSNS1110 Introduction to Business (1)

This course is a survey of the field of business including organizing and managing businesses, managing human resources and marketing. Introduces financial issues such as accounting, money and banking, securities markets, business issues, business ethics and international business.

BSNS2170 Computer Applications in Business (3)

Introduction to computers as a tool for business. Includes fundamental concepts of information technology and the use of business application software such as word processing, spreadsheets, database, graphics, electronic communications, and World Wide Web. **Prerequisites:** Computer proficiency, or instructor's approval.

BSNS2220 Business Communication (3)

Study of the process and objectives of effective business writing and presentations. The course includes a review of English composition in basic business correspondence and e-systems.

BSNS2330 Business Statistics (3)

An introductory course to statistical theory and applications for decision-making purposes in business. Topics include the role and use of statistics, tables and graphs, data analysis, probability distributions, descriptive measures, and statistical inference, including sampling, hypothesis testing, confidence intervals, analysis of variance, quality control, and regression analysis. Fulfills the General Education Mathematics Competency requirement.

Prerequisites: Minimum ACT Math score of 21, SAT Math score of 570, or Accuplacer Elementary Algebra score of 74, or passed [MATH0950](#) Intermediate Algebra, or instructor's approval.

BSNS2950 Field Experience in Business (1-3)

Designed to provide an introductory leadership experience in various business settings. Course includes involvement in various community projects, both as an observer and as a participant. Includes 30-40 hours per credit when completed. Field Experience in Business

will be a pass/fail grade and will be determined by the instructor. May be repeated for credit.

BSNS3030 Management Information Systems (3)

The course considers management information systems from the perspectives of the manager, accountant and data processing professional. Topics include: introductory concepts, hardware and software resources, common areas of application, and planning and developing management information systems. The areas of application include: financial information systems; information systems for marketing production, personnel, and managerial-decision models, and general office information systems.

BSNS3094 Special Topics in Business (1-3)

This course is designed to address specific business topics as designated by the Instructor of Record and approved by the Department Chair.

BSNS3410 Business Law I (3)

Study of the present day law of business in the United States as it relates to contracts, sales, agency, the legal environment, and selected topics. Ethical considerations and international topics are also discussed.

BSNS3420 Business Law II (3)

Study of the present day law of business in the United States as it relates to corporations, agency, and negotiable instruments. Emphasis is also given to legal principles as they apply to partnerships, corporations, and non-corporate associations. Ethical considerations and international topics are also discussed. **Prerequisites:** [BSNS3410](#), or instructor's approval.

BSNS3510 Principles of Marketing (3)

Study of marketing from the point of view of the business firm. Topics include the structure of the marketing system, the nature of marketing management, consumer behavior, marketing research, product policy, pricing policy, channels of distribution policy, promotion policy, and analytical techniques useful to marketing management.

BSNS3530 Marketing Communications (3)

Course will deal with the use of advertising, personal selling, sales promotion and public relations as elements in a promotional program. A managerial framework is used to emphasize the integrative aspects of the objectives, copy, media selection, budget decision, audience targeting, and the development of an ad campaign. Offered: Alternate years

Prerequisites: [BSNS3510](#), or instructor's approval.

BSNS3550 Sales Management (3)

Course includes functional aspects of sales force management, personal selling methods, procedures for recruiting, selecting, and training new salespeople, compensation and expense control systems, problems of sales force motivation and supervision; methods of territorial and quota assignment, sales department budgets, distributor-dealer relations, and other selected topics. Offered: Alternate years **Prerequisites:** [BSNS3510](#), or instructor's approval.

BSNS3580 Retail Management (3)

Study of the operation and management of retail organizations. Topics include location, layout, pricing, promotion, and purchasing. Offered: Alternate years **Prerequisites:** [BSNS3510](#), or instructor's approval.

BSNS3640 Principles of Management (3)

Study of the functions and principles of management with emphasis on relationships between workers and management as well as between individual employees. Topics cover the areas of planning, organizing, directing and controlling personnel, and decision-making procedures and techniques.

BSNS3650 Human Resource Management (3)

A study of the strategic issues in managing human resources. Topics include developing and implementing human resource policies and procedures, human resource planning, job design, analysis and evaluation, staffing, compensation, performance appraisal, training and development career management, labor relations, and legal, ethical and global Human Resource issues. Offered: Alternate years **Prerequisites:** [BSNS3640](#), or instructor's approval.

BSNS3710 Principles of Finance (3)

An introduction to financial management. Topics include financial statement analysis, valuation of cash flows, capital budgeting, the time value of money, the concepts of risk and return, cost of capital and applications of these concepts in the firm. **Prerequisites:** [ECON2410](#), [BSNS2330](#) or ACT Math of 21, or instructor's approval.

BSNS3810 Business Ethics (3)

Ethical aspects of management decision making from a Christian perspective. Course will pose fundamental questions about executive decisions and the human impact of corporate power.

BSNS3950 Field Experience in Business (1-3)

Designed to provide an introductory experience as a leader in various business settings. Consists of involvement in various community projects, both as an observer and as a participant. The component includes 30-40 hours per credit when completed. Field Experience in Business will be a pass/fail grade determined by the instructor. May be repeated for credit.

BSNS3960 Internship in Business (2-3)

On-the-job experience that involves the decision-making and problem-solving techniques, skills and knowledge acquired in the classroom. This experience is under the supervision of both a business professional and professor. Internship in Business will be a pass/fail grade determined by the instructor. May be repeated for credit.

BSNS4560 Consumer Behavior Marketing Research (3)

Integrated course that examines Consumer Behavior theory and develops the marketing research skills needed to measure customers' attitudes and predict their behavior. Offered: Alternate years **Prerequisites:** [BSNS3510](#), [BSNS2330](#) or [MATH2240](#), or instructor's approval.

BSNS4590 Global Marketing (3)

The course covers the differences between marketing endeavors in international markets and those applicable to domestic markets. Differences in culture and customs as they relate to marketing are also analyzed. Offered: Alternate years **Prerequisites:** [BSNS3510](#), or instructor's approval.

BSNS4600 Global Business Strategies (3)

The course will cover the structure of global operations, methods of entering international markets, cultural impact on business practices, legal and ethical impact on multi-

international business, human resource management in international firms, and international movement of business factors. Fulfills a General Education Level II Cross-Cultural Experience if taken with BSNS4600CC Intercultural Lab 2.

BSNS4610 Entrepreneurship (3)

Major topics include: identifying potential high growth business opportunities, characteristics of entrepreneurs, developing creativity, evaluating market potential, preparing a business plan, and choosing an exit or succession strategy. Offered: Alternate years. **Prerequisites:** BSNS3640, or instructor's approval.

BSNS4670 Organizational Behavior (3)

A study of the effects of organizational structure and style on morale, productivity, and efficiency. Offered: Alternate years **Prerequisites:** BSNS3640, or instructor's approval.

BSNS4690 Global Operations Management (3)

The course will cover the structure of global operations and apply quantitative tools needed to make effective decisions. The interaction of operations within the organization will be studied. Offered alternate years.

BSNS4980 Senior Seminar In Business (3)

Applications seminar requiring students to utilize various business concepts. While topics of current interest in business will be covered, the main emphasis of the course will be on entrepreneurial research projects. **Prerequisites:** Accounting, Business, Economics, Global Business, Management and Marketing majors with senior classification, or instructor's approval.

CHED—Christian Education

CHED1810 Christian Discipleship (3)

An introduction to the history and philosophy of the educational work of the church. The various programs of Christian education will be introduced. **Fees:** Additional fee required.

CHED2094 Topics in Christian Ministries (1)

A workshop approach to aspects and problems of religious education and/or compassionate ministries. Topics and coordinators will vary. May be repeated for a different topic.

CHED2220 Instructional Bible Study (2)

A Bible study course that will examine and apply appropriate methods for teaching the Bible. Opportunity is given to develop personal skills in teaching and leading small group Bible studies. Offered: Alternate years.

CHED3810 Children's Ministries (2)

A study of the characteristics of children and an introduction to their spiritual needs and development. Emphasis will be placed on the challenge of the church in meeting their total needs. Offered: Alternate years.

CHED3820 Foundations of Youth Ministry (2)

A study of activities relating to the church and its involvement with youth. The course is particularly designed to aid those who are specializing in ministry to youth. Offered: Alternate years. **Fees:** Additional fee required.

CHED3840 Family Ministries (2)

An exploration of the principles and practices of educational ministry to families. The course will focus on the changing definition of family and the exploration of current strategies of ministry to the church as family. Attention will be given to fostering spiritual growth in families. Offered: Alternate years.

CHED3860 Principles of Youth Ministry (2)

A study of the nature and needs of youth with special attention given to identity and faith development as well as current information from the discipline of youth ministry. Offered: Alternate years. **Fees:** Additional fee required. **Prerequisites:** [CHED3820](#)

CHED4094 Topics in Christian Ministries (1)

A workshop approach to aspects and problems of religious education and/or compassionate ministries. Topics and coordinators will vary. May be repeated for a different topic.

CHEM—Chemistry

CHEM1040 Forensic Science (3)

An introductory course in forensic chemistry, biology, and physics for the general student. This course will explore the science related to forensics such as data collection, DNA analysis, entomology, drugs, explosives, and ballistics. No prior knowledge of chemistry is assumed. Offered: Alternate years **Corequisites:** CHEM1040L

CHEM1040L Forensics Science Laboratory (1)

An application and exploration of the principles and techniques described in CHEM1040. Offered: Alternate years **Fees:** Additional fee required. **Corequisites:** CHEM1040

CHEM1060 Chemistry for Citizens (3)

An examination of the role of chemistry in today's society: historical aspects, technological advances, industrial applications, environment and ecological applications. No prior knowledge of chemistry is assumed. Offered: Alternate years **Corequisites:** CHEM1060L

CHEM1060L Chemistry for Citizens Laboratory (1)

An application and exploration of the principles and techniques described in CHEM1060. Offered: Alternate years **Fees:** Additional fee required. **Corequisites:** CHEM1060

CHEM1200 Principles of General Chemistry (3)

This course will prepare a student for entry into CHEM1210 or CHEM2210. A grounding in major principles of general chemistry including atoms, nomenclature, molecular structure, bonding and stoichiometry. No prior knowledge of chemistry is assumed.

CHEM1200L Principles of General Chemistry Laboratory (1)

An application and exploration of the principle techniques described in CHEM1200.

Corequisites: CHEM1200

CHEM1210 Principles of Organic and Biochemistry (3)

An introduction to the major areas of chemistry needed for a career in the health sciences including: stoichiometry, states of matter, pH, equilibrium, organic functional groups, organic structure, reactions, lipids, carbohydrates, steroids, proteins, enzymes, RNA-DNA, metabolism and the chemistry of nutrition. **Corequisites:** CHEM1210L

CHEM1210L Principles of Organic and Biochemistry Laboratory (1)

An application and exploration of the principles and techniques described in CHEM1210.

Fees: Additional fee required. **Corequisites:** CHEM1210

CHEM2094 Topics in Chemistry (1-3)

A study of a current topic in chemistry or biochemistry. Topics may include, but are not limited to, environmental chemistry, organic chemistry, computer modeling and biochemical advancements. **Prerequisites:** Instructor's approval

CHEM2210 General Chemistry I (3)

An in-depth survey of the principles underlying chemistry including atomic structure, periodic table and laws, bonding, chemical reactions, stoichiometry, states of matter, pH, nuclear and industrial chemistry. Previous chemistry is recommended. **Prerequisites:** ACT Math score of 21 or higher, or SAT Math score of 570 or higher, or Accuplacer Elementary Algebra score of 74 or higher, or instructor's approval. **Corequisites:** CHEM2210L

CHEM2210L General Chemistry I Laboratory (1)

An application and exploration of the principles and techniques described in CHEM2210, including physical properties, stoichiometry, gas laws and thermochemistry. An emphasis is placed on basic laboratory techniques and sensor-based data acquisition. **Fees:** Additional fee required. **Corequisites:** CHEM2210

CHEM2220 General Chemistry II (3)

An in-depth survey of the principles underlying chemistry, including solutions, acids/bases, solubility, thermodynamics, kinetics, and electrochemistry. Emphasis is placed on a quantitative understanding of chemical phenomena. **Prerequisites:** [CHEM2210](#)

Corequisites: CHEM2220L

CHEM2220L General Chemistry II Laboratory (1)

An application and exploration of the principles and techniques described in CHEM2220, including equilibrium, acids, bases, kinetics, thermodynamics, and electrochemistry. Emphasis is placed on safety and report writing. Includes qualitative analysis. **Fees:** Additional fee required. **Corequisites:** CHEM2220

CHEM2230 General Chemistry for Engineering Students (3)

Introduction to important concepts and principles of chemistry, including atomic structure, molecular bonding, chemical reactions, stoichiometry, gas laws, thermodynamics, entropy, kinetics, equilibrium, and electrochemistry. Emphasis is placed on areas considered most relevant in an engineering context, practical applications of chemical principles in engineering and technology. **Prerequisites:** Math ACT score of 21 or equivalent on Accuplacer Exam. **Corequisites:** CHEM2230L

CHEM2230L General Chemistry for Engineering Students Laboratory (1)

Introduction to important concepts and principles of chemistry in the laboratory, emphasis on areas considered most relevant in an engineering context, practical applications of chemical principles in engineering and technology. **Fees:** Additional fee required.

Corequisites: CHEM2230

CHEM2610 Analytical Chemistry (3)

An application of the principles and reactions of chemistry as they relate to product quality and analysis of materials. Includes in-depth review of pH, electrochemistry, stoichiometry and titration. **Prerequisites:** [CHEM2220](#) **Corequisites:** CHEM2610L

CHEM2610L Analytical Chemistry Laboratory (1)

A laboratory exploration to complement the topics and techniques in CHEM2610. Includes sampling, statistics, chemical, titration, and electrochemical methods, with an emphasis on using spreadsheets to simulate and analyze. **Fees:** Additional fee required. **Corequisites:** CHEM2610

CHEM3094 Topics in Chemistry (1-3)

An advanced study of a current topic in chemistry or biochemistry. Topics may include, but are not limited to, environmental chemistry, organic chemistry, computer modeling and biochemical advancements. **Prerequisites:** Instructor's approval

CHEM3210 Organic Chemistry I (3)

An in-depth analysis of modern organic chemistry including structure, bonding, stereochemistry, reactions, mechanisms, synthesis and spectroscopy. **Prerequisites:**

[CHEM2220](#) **Corequisites:** CHEM3210L

CHEM3210L Organic Chemistry I Laboratory (1)

A laboratory application of the principles and techniques described in CHEM3210. An emphasis is placed on laboratory technique, keeping a laboratory notebook, synthesis schemes, and identification. Incorporates advanced laboratory techniques such as HPLC, GCMS, FT-IR, and NMR. **Fees:** Additional fee required. **Corequisites:** CHEM3210

CHEM3220 Organic Chemistry II (3)

A continuation of CHEM3210 Organic Chemistry I. **Fees:** Additional fee required.

Prerequisites: [CHEM3210](#) **Corequisites:** CHEM3220L

CHEM3220L Organic Chemistry II Laboratory (1)

A continuation of CHEM3210L Organic Chemistry I Laboratory. **Fees:** Additional fee required. **Prerequisites:** [CHEM3210L](#) **Corequisites:** CHEM3220

CHEM3310 Inorganic Chemistry (3)

An in-depth analysis of inorganic chemistry with review of atomic structure, bonding, and periodic properties. Includes states of matter, structure of materials and coordination and organometallic chemistry. Offered: Alternate years **Prerequisites:** [CHEM2220](#)

CHEM3510 Thermodynamics and Kinetics (3)

A survey of thermodynamics, equilibria, and kinetics with emphasis on concepts and applications in chemistry, biochemistry and materials. Offered: Alternate years

Prerequisites: [CHEM2220](#)

CHEM3620 Integrated Laboratory I (1)

An advanced laboratory course incorporating work from the major chemistry subdisciplines: organic, inorganic, physical and instrumental. Emphasis will be placed on integrating aspects of chemical synthesis, spectroscopic characterization and determination of physical properties. **Fees:** Additional fee required. **Prerequisites:**

[CHEM2220](#)

CHEM4094 Topics in Chemistry (1-3)

An advanced study of a current topic in chemistry or biochemistry. Topics may include, but are not limited to, environmental chemistry, organic chemistry, computer modeling, and biochemical advancements. **Prerequisites:** Instructor's approval

CHEM4610 Integrated Laboratory II (1)

An advanced laboratory course incorporating work from the major chemistry subdisciplines: organic, inorganic, physical, and instrumental. Emphasis will be placed on

integrating aspects of chemical synthesis, spectroscopic characterization, and determination of physical properties. **Fees:** Additional fee required. **Prerequisites:** [CHEM3620](#)

CHEM4710 Structure Elucidation (3)

Identification of organic compounds using physical and chemical properties, infrared and mass spectroscopy, and nuclear magnetic resonance spectroscopy, including advanced techniques in proton, carbon, and multi-dimensional spectra. **Prerequisites:** [CHEM3220](#)

CHEM4720 Advanced Organic Chemistry (3)

Advanced study of organic chemistry, including reaction mechanism, total synthesis, and molecular orbital theory. **Prerequisites:** [CHEM3220](#)

CHEM4970 Research (1-6)

A capstone experience consisting of a faculty supervised independent investigative project.

Prerequisites: Permission of the Department Chair.

CHEM4980 Senior Seminar/Capstone (1)

An oral and written communication of the research project. **Prerequisites:** Permission of the Department Chair

CHIN—Chinese

CHIN1010 Elementary Chinese (2)

This course is for students who wish to begin the study of Mandarin and Chinese characters, and will include an introduction to Chinese culture. Topics will include the acquisition of basic vocabulary, sounds and structures with emphasis on conversation and basic Chinese characters. Students will participate in level-one modules designed to improve speaking, listening, and reading/writing. Fulfills a General Education Level 1 Cross-Cultural Experience if taken with CHIN1010CC Intercultural Lab 1.

CHIN1020 Elementary Chinese (2)

A continuation of CHIN1010. For students who wish to begin the study of Mandarin and Chinese characters and acquire an introduction to Chinese culture. Topics will include the acquisition of basic vocabulary, sounds and structures with emphasis on conversation and basic Chinese characters. Students will participate in level-two modules designed to improve speaking, listening, and reading/writing. Fulfills a General Education Level I Cross-Cultural Experience if taken with CHIN1020CC Intercultural Lab 1.

CHIN1030 Elementary Chinese (2)

A continuation of CHIN1020. For students who wish to begin the study of Mandarin and Chinese characters and acquire an introduction to Chinese culture. Topics will include the acquisition of basic vocabulary, sounds and structures with emphasis on conversation and basic Chinese characters. Students will participate in level-two modules designed to improve speaking, listening, and reading/writing. Fulfills a General Education Level I Cross Cultural Experience if taken with CHIN1030CC Intercultural Lab 1.

CHIN1094 Topics in Chinese Culture, Literature or Linguistics (3)

Topics of special interest in Chinese culture, including history, literature, or linguistics. May be taught in Chinese or English. **Prerequisites:** Instructor's permission if course is taught in Chinese. May be repeated for credit.

CHIN2010 Intermediate Chinese (4)

For students who have completed elementary Chinese. A refinement of basic skills and structure with continued emphasis on Chinese characters and increasing emphasis on speaking, listening, reading, writing, and culture. Fulfills a General Education Level II Cross Cultural Experience if taken with CLST1002CC Intercultural Lab 2. **Prerequisites:** [CHIN1030](#), or equivalent

CHIN2020 Intermediate Chinese (4)

A continuation of CHIN2010. For students who have completed elementary Chinese. A refinement of basic skills and structure with continued emphasis on Chinese characters and increasing emphasis on speaking, listening, reading, writing, and culture. Fulfills a General Education Level II Cross-Cultural Experience if taken with CHIN2020CC Intercultural Lab 2. **Prerequisites:** [CHIN2010](#), or equivalent

CHIN2094 Topics in Chinese Culture, Literature or Linguistics (1-3)

Topics of special interest in Chinese culture, including history, literature, or linguistics. May be taught in Chinese or English. **Prerequisites:** Instructor's permission if course is taught in Chinese. May be repeated for credit.

CHIN3010 Advanced Conversation and Composition (3)

A continuation of 2020. Course will include extensive conversation with continued emphasis on composition and Chinese characters. Students will complete modules in speaking, reading, writing, and listening in the broader context of Chinese culture.

Prerequisites: [CHIN2020](#), or instructor's approval.

CHIN3094 Topics in Chinese Culture, Literature or Linguistics (1-3)

Topics of special interest in Chinese culture, including history, literature, or linguistics. May be taught in Chinese or English. **Prerequisites:** Instructor's permission if course is taught in Chinese. May be repeated for credit.

CHIN4094 Topics in Chinese Culture, Literature or Linguistics (1-3)

Topics of special interest in Chinese culture, including history, literature, or linguistics. May be taught in Chinese or English. **Prerequisites:** Instructor's permission if course is taught in Chinese. May be repeated for credit.

CHIS—Church History

CHIS3094 Topics in Church History (1)

An examination of some phase of church history not covered in other courses. May be repeated for credit.

CHIS3410 History and Manual, Church of the Nazarene (2)

A study of the historical backgrounds and development of the Church of the Nazarene. Special attention will be given to the content and spirit of the Manual of the Church of the Nazarene.

CHIS3610 History of the Christian Tradition I (3)

A study of the historical development of Christianity from 150 to 1300 C.E. The course will trace the significant influences in history on the theological and ecclesiastical changes and maturation through the first ten centuries. The student will be given opportunity to read primary sources as well as grasp the overall flow of church history. **Fees:** Additional fee required. **Prerequisites:** [THEO2100](#)

CHIS3620 History of the Christian Tradition II (3)

A study of the historical development of Christianity from 1300 C.E. to the 21st century. The course will trace the significant influences in history on the theological and ecclesiastical changes and maturation from the Middle Ages through the present. The student will be given opportunity to read primary sources as well as grasp the overall flow of church history. **Prerequisites:** [THEO2100](#)

CLST—Cultural Studies

CLST1001CC Intercultural Lab - Level 1 (0)

This lab is a co-requirement with Level 1 (1 point) cross-cultural courses and stand-alone experiences for the General Education Cross Cultural Requirement. In order to fulfill general-education requirements for an approved Level 1 (1 point) course or stand-alone experience, students must enroll in the intercultural lab. In the lab, students will complete the cross-cultural seminar and various self-reflection exercises related to their cross-cultural experience.

CLST1002CC Intercultural Lab - Level 2 (0)

This lab is a co-requirement with Level 2 (2 points) cross-cultural courses and stand-alone experiences for the General Education Cross Cultural Requirement. In order to fulfill general-education requirements for an approved Level 2 (2 points) course or stand-alone experience, students must enroll in the intercultural lab. In the lab, students will complete the cross-cultural seminar and various self-reflection exercises related to their cross-cultural experience.

CLST1003CC Intercultural Lab - Level 3 (0)

This lab is a co-requirement with level 3 (3 points) cross-cultural course/travel experiences for the General Education Cross Cultural Requirement. In order to fulfill general-education requirements for an approved level 3 (3 points) course/travel experience, students must enroll in the intercultural lab. In the lab, students will complete the cross-cultural seminar and various self-reflection exercises related to their cross-cultural experience.

CLST1004CC Intercultural Lab - Level 4 (0)

This lab is a co-requirement with level 4 (4 points) cross-cultural course/travel experiences for the General Education Cross Cultural Requirement. In order to fulfill general-education requirements for an approved level 4 (4 points) course/travel experience, students must enroll in the intercultural lab. In the lab, students will complete the cross-cultural seminar and various self-reflection exercises related to their cross-cultural experience.

CLST1010 Cultural Orientation for International Students (2)

This course will provide international students with opportunities to focus on issues of adjustment to U.S. culture generally and the classroom environment specifically. Basic values of the home culture will be compared and contrasted with those of North American colleagues and instructors. Models for identifying cultural characteristics will be studied and applied to the present cultural context by combining conceptual structures with field trip experiences and interactions with individuals in the NNU, Nampa and larger community. Focus will be placed on English comprehension, analytical thinking and

interacting in a classroom environment.

CLST1020 Dynamics of Intercultural Dialogue (2)

This course will bring together North American and international students with the express purpose of examining the dynamics of intercultural interaction. Course content will focus on exploring models for identifying cultural characteristics, understanding the dynamics of intercultural communication and participating in activities that explore the nature and influence of culture. This course will incorporate 10 hours of "contact time" (required for a Level II experience) into structured interactions during class time. Fulfills a General Education Level II Cross-Cultural Experience if taken with CLST1020CC Intercultural Lab Level 2.

CLST1094 Topics in Cultural Studies (1-3)

Cultural studies topics courses introduce material of particular relevance to the core curriculum in cultural studies. Topics courses are offered on a rotating basis, and include such content as: gender and identity, intercultural communication, and cultural identity in modernity. Students will research various topics within the areas of sociology and cultural studies. May be repeated for credit.

CLST2094 Topics in Cultural Studies (1-3)

Cultural studies topics courses introduce material of particular relevance to the core curriculum in cultural studies. Topics courses are offered on a rotating basis, and include such content as: gender and identity, intercultural communication, and cultural identity in modernity. Students will research various topics within the areas of sociology and cultural studies. May be repeated for credit.

CLST2960 Cultural Studies Practicum (1)

This course will prepare students for upper division field experience and internships in cultural studies. The course will provide opportunities for students to study and engage specific cross cultural groups living in the United States, spend time with individuals from those cross cultural traditions and meet a Level 1 Cross cultural Requirement by reflecting and writing about their interactions. Fulfills a General Education Level I Cross-Cultural Experience if taken with CLST2960CC Intercultural Lab Level 1. **Prerequisites:**

Instructor's approval

CLST2970 Sophomore Research in Cultural Studies (1)

The student will assist an upper division research student or professor in conducting research. The student will learn the basics of the selected topic of research and gain experience in research methods. May be repeated for a maximum of 2 credits.

Prerequisites: Instructor's approval

CLST3094 Topics in Cultural Studies (1-3)

Cultural studies topics courses introduce material of particular relevance to the core curriculum in cultural studies. Topics courses are offered on a rotating basis, and include such content as: gender and identity, intercultural communication, and cultural identity in modernity. Students will research various topics within the areas of sociology and cultural studies. May be repeated for credit.

CLST3960 Cultural Studies Field Experience (1-3)

This course will provide opportunities for students to study and engage specific cross cultural groups living in the United States and spend time with individuals from those cross cultural traditions. Fulfills a General Education Level II Cross-Cultural Experience if taken

with CLST3960CC Intercultural Lab Level 2. **Prerequisites:** Instructor's approval

CLST3970 Junior Research in Cultural Studies (1)

The student will begin the process of developing independent research. This may be in cooperation with a professor or senior research student. May be repeated for a maximum of 2 credits. **Prerequisites:** CLST2970, or instructor's approval.

CLST4010 Capstone (1)

This course provides students with a context for reflection and self-analysis regarding their educational experience at NNU. The approach in this course to self-analysis and critical reflection is two-fold: 1) students will reflect on their comprehensive educational experience through the lens of the four university outcomes, and 2) students will think about and discuss the integration of their learning with their future, post-university lives. (See CRIM4010, HUMN4010, PSYC4010, SOGY4010, SPAN4010)

CLST4094 Topics in Cultural Studies (1-3)

Cultural studies topics courses introduce material of particular relevance to the core curriculum in cultural studies. Topics courses are offered on a rotating basis, and include such content as: gender and identity, intercultural communication, and cultural identity in modernity. Students will research various topics within the areas of sociology and cultural studies. May be repeated for credit.

CLST4970 Senior Research in Cultural Studies (1-4)

The student will develop and complete an empirical research project and a written report suitable for submission to a professional journal or the student will assist a faculty member in independent professional research. May be repeated for a maximum of 6 credits.

Prerequisites: CLST3970, or instructor's approval.

CLTA—Cultural Anthropology

CLTA1550 Introduction to Cultural Anthropology (3)

This course focuses on basic perspectives and concepts for understanding and productively relating to groups and individuals in other cultures. It includes an introduction to the discipline, history of the discipline and its development, and methods of cultural anthropology. This course fulfills a General Education Level II Cross Cultural Requirement if taken with CLTA1550CC Intercultural Lab 2.

CLTA2030 Intercultural Communication (3)

A course focusing on the contexts in which intercultural communication takes place and the impact of those contexts on communication. The course also develops ethnographic skills as a tool for adapting to a cross-cultural context. Offered: Alternate years. Fulfills a General Education Level II Cross-Cultural Experience if taken with CLTA2030CC Intercultural Lab Level 2.

CLTA2040 Introduction to Ethnography (3)

Ethnography is a powerful tool for analyzing cultural dynamics, objects and settings. Its methodology is being used increasingly in multiple disciplines such as medicine, multinational organizational dynamics and marketing. This course will introduce the components of ethnographic fieldwork and provide opportunities for developing skills appropriate to doing qualitative research. Offered: Alternate years. Fulfills a General Education Level II Cross-Cultural Experience if taken with CLTA2040CC Intercultural Lab 2.

CLTA2250 Issues of Developing Nations I (3)

A course designed to guide students in the study of under or lesser developed nations. Recognizing the issues are complex, the course covers the interrelatedness of political, cultural, and economic development as well as the influences of religion, conflicts, and special populations. The course is interdisciplinary in nature. (See: SOGY2250) Offered: Alternate years.

CLTA3180 Race, Class and Gender (3)

A study of the contemporary diversity of society with a focus on inter-group relations (e.g., assimilation, conflict, and pluralism). Emphasis is placed on gaining an understanding of the multi-cultural nature of American society in comparison with other societies and on formulating a viable response. Recommended: SOGY1550 or SOGY2430. Offered: Alternate years. Fulfills a General Education Level II Cross Cultural Experience if taken with CLTA3180CC Intercultural Lab 2. (See SOGY3180) **Prerequisites:** Junior Standing, or instructor's approval.

CLTA3250 Issues of Developing Nations II (3)

A course designed to allow students an advanced study of under or lesser developed nations. Students will study the interrelated issues of political, cultural and economic development as well as the influence of religion, conflicts and special populations. Students will select a discipline in which she or he will complete an in-depth study. (See: SOGY3250) Offered: Alternate years.

CLTA3340 Sociology of the Family (3)

A study of the nature and diversity of marriage and family relationships, and of perspectives for investigating and understanding the social issues and forces impacting them with the aim of clarifying standards and objectives. (See: SOGY3340) Offered: Alternate years.

CLTA3550 Sociology of Religion (3)

An examination of the changing role and function of religion for the individual and in society, with emphasis on understanding and responding to the forces conditioning the nature of this relationship. Recommended: SOGY2030, or SOGY2430. (See: SOGY3550) Offered: Alternate years.

CLTA3970 Junior Research in Cultural Anthropology (1)

The student will begin the process of developing independent research. This may be in cooperation with a professor or senior research student. May be repeated for a maximum of 2 credits. **Prerequisites:** [CLTA1550](#), [CLTA2030](#), [CLTA2040](#)

CLTA4094 Topics in Cultural Anthropology (1-4)

A variety of courses designed to provide theoretical knowledge and practical experience to enhance the preparation of students in the cultural anthropology program. May be repeated for credit with different topics.

CLTA4720 History of Anthropological Theory (3)

This course provides an account of the historical growth of anthropology as a discipline by describing the parallel, convergent and interdependent developments of all major traditions in cultural anthropology. This will include thinkers from well before the formation of the discipline in the academy, through the founding thinkers to the ferment of post-modern thinkers. **Prerequisites:** [CLTA1550](#), [CLTA2030](#)

COMM—Communication Studies

COMM1010 Introduction to Communication (3)

An introduction to the foundations of the field of communication and the communication process. Topics will include communication theories, areas of communication, and how communication affects society and research in the field.

COMM1210 Introduction to Public Speaking (3)

An introduction to verbal communication in groups, listening, and public speaking. Emphasis will be placed on speaking, delivery issues, speech construction, audience connection, and the communication process.

COMM1211 Technical Communication (3)

An introduction to verbal communication in groups, listening, and public speaking focused on the unique challenges of public speaking for those in technical and scientific fields. Emphasis will be placed on speaking, delivery issues, speech construction, audience connection, and the communication process.

COMM1260 Cinema Production I (1)

An introduction to visual communication for Mass Communication majors and other students interested in basic video production. Emphasis is placed on telling a story through the visual media and includes introductions to composition, camera movement, audio, lighting, and editing. Appropriate for any major which may need to communicate through video presentations such as ministry, business, teaching, etc.

COMM1310 Oral Interpretation (3)

This course is an introduction to the intellectual, emotional, and aesthetic aspects of literature. Emphasis is placed on analysis and presentation of literature as it communicates to the listener. Performances include prose, poetry, and drama. Offered: Alternate years.

COMM2010 Small Group Communication (3)

An approach to small group communication theory with emphasis on identifying and developing appropriate communication strategies for various group situations. Offered: Alternate years.

COMM2020 Media Systems and Literacy (3)

A study of the history, structures, technologies, genres, theories and influences of the mass media on individuals and society. Designed to prepare students to be media literate, critical, and responsible producers and consumers of the mass media.

COMM2030 Interpersonal Communication (3)

An introduction to interpersonal communication theories, research and practice. Focus is on influences and effects of interpersonal relationships and ways to improve communication. Satisfies a General Education Social Science requirement.

COMM2050 History of Film and Television (3)

A survey of the development of technology, programming and business of both motion pictures and television. Includes a study of the major personalities, scandals and events which shaped both industries. Offered: Alternate years

COMM2094 Topics in Communication Studies (1-3)

A concentrated study of one topic in communication studies. May be repeated for credit.

COMM2120 Communication Activities (1-2)

Opportunities for Communication and Mass Communication majors as well as non-majors to prepare for and participate in a variety of communication activities approved by the department. May be repeated for credit. Instructor permission is required.

COMM2250 Introduction to Scriptwriting (3)

A survey of the process, forms, and techniques for writing scripts in non-fiction applications. This includes advertising, news, documentary, corporate training and promotion. Course includes lecture, scriptwriting exercises, labs, and analysis and critique of student work.

COMM2260 Cinema Production II (3)

A study of the roles and processes of professional cinema production in both single and multicam scenarios. Includes the technical and creative aspects of producing, directing, camera, lighting, sound, editing, graphics, and basic engineering for digital production. Course includes traditional lecture, lab exercises, and individual and group video projects.

Prerequisites: [COMM1260](#)

COMM2280 Audio For Film and Television (3)

A lab course involving student production of voice, music, and sound effects projects. Includes a study of microphone selection and placement, signal processing and shaping, and field and studio recording as they specifically relate to film and television production and post production.

COMM2420 Introduction to Public Relations (3)

An introduction to the theory, research, and practical aspects of public relations. Emphasis will be placed on the process of public information dissemination in business, industrial, educational and social organizations. Offered: Alternate years.

COMM2950 Internship in Communication Studies (1-3)

The student may select a supervised professional internship - with 50 clock hours per credit required. This activity concludes with a formal written and oral presentation.

Prerequisites: Courses basic to the area of the internship as approved by the advisor. May be repeated for credit upon approval by the advisor.

COMM3010 Producing Film and Television (3)

A survey of the many roles and responsibilities of the television and motion picture producer. Students will follow the development of a major film and television project from inception to release, learn to analyze and predict the shifting moods of the industries, and develop the practical skills of a producer. **Prerequisites:** [COMM2260](#)

COMM3020 Organizational Communication (3)

The study of the nature and function of communication within the organization. Emphasis will be on group process, networks, discussion, decision making, message creation and organizational climate and culture.

COMM3030 Film Theory and Criticism (3)

Survey of narrative and documentary motion pictures, from Edison and Lumiere to the present. Course covers the structural and aesthetic trends of motion pictures through the viewing and analysis of selected classic films that exemplify these trends. Offered: Alternate years.

COMM3050 Nonverbal Communication (3)

Study of the types and effects of nonverbal communication in our lives including: touch, space, physical appearance, movement, facial expression, vocalics, and artifacts. Emphasis will be placed on nonverbal theories and research on nonverbal communication in interpersonal interaction. **Prerequisites:** [COMM2030](#)

COMM3094 Topics in Communication Studies (1-3)

A concentrated study of one topic in communication studies. May be repeated for credit.

Prerequisites: Instructor's approval

COMM3120 Advanced Communication Activities (1-2)

Advanced opportunities or leadership roles for Communication and Mass Communication majors as well as non-majors in a variety of communication activities approved by the department. May be repeated for credit. **Prerequisites:** Instructor's approval

COMM3210 Advanced Public Speaking (3)

A course designed to enable students to improve their public speaking techniques. Emphasis will be placed both on theory and skill development. Offered: Alternate years.

Prerequisites: [COMM1210](#)

COMM3250 Advanced Screenwriting (3)

An advanced seminar approach to screenwriting, covering writing for narrative and documentary TV/film. Students write scripts for documentaries and teleplays/screenplays. Offered: Alternate years. **Prerequisites:** [COMM2250](#), or instructor's approval.

COMM3260 Cinema Production III (3)

Advanced techniques and concepts of both single and multi-camera cinema production. Includes technical and engineering issues, commercial and program development, and advanced techniques in lighting, composition, audio recording, camera movement and post-production. Prerequisite: COMM2260 **Prerequisites:** [COMM2260](#), or instructor's approval.

COMM3280 Communication Law and Ethics (3)

Survey of communication law and ethics and the relevance to concerns of consumers and producers of communication events. Students learn the nature and value of making an argument, the foundations of U.S. law as it relates to communication, and the makeup and procedures of the court system, all within a Christianity-based ethical context. Students accomplish this through extensive case studies and competitive exercises. Offered: Alternate years

COMM3290 Cinema Production IV (3)

A lab course designed to familiarize the student with the advanced tools and techniques of cinema production, concentrating on visual effects and post-production. Includes editing theory and an introduction to industry standard third-party software packages for graphic design, image manipulation, and 3-D animation. Prerequisite: COMM3260 **Prerequisites:** [COMM3260](#)

COMM3420 Persuasion (3)

A practical approach to the study of psychological and rhetorical principles vital to influencing human behavior. Topics include major social science theoretical perspectives, expertise, trustworthiness, likability, use of emotions, and sequencing of messages. Offered: Alternate years.

COMM3500 Argumentation and Debate (3)

Theory and practice of argumentation and debate. Research, analysis, reasoning, evidence, preparation of briefs, organization, and delivery. Intercollegiate tournament participation encouraged but not required. Offered: Alternate years.

COMM3600 Broadcast Communication (3)

A skills-based class designed to help the student learn and perfect the skills required for communicating through the broadcast media. Emphasis will be placed on diction, presentation, poise, and organization in press conferences, reporting, and news room situations. Offered: Alternate years. **Prerequisites:** [COMM2250](#)

COMM3650 Teaching Communication Studies in Secondary Schools (2)

Strategies appropriate to this subject field. Includes instructional materials and tools and curricular structure common to the subject in the secondary school. Includes opportunities for students to assist and teach a minimum of 20 hours. (See EDUC3650) **Prerequisites:** Junior classification., Program admission required. **Corequisites:** EDUC3750, EDUC3510

COMM4094 Topics in Communication Studies (1-3)

A concentrated study of one topic in communication studies. May be repeated for credit.

Prerequisites: Instructor's approval

COMM4200 Intercultural Communication (3)

Intercultural Communication looks at the complexity of communication when considering communication within and across cultures. A combination of theory, application, and experience will be included. Satisfies a General Education Level II Cross Cultural Experience if taken with COMM4200CC - Intercultural Lab Level 2.

COMM4250 Cinematography (3)

An introduction to the art and responsibilities of the Director of Photography. Students learn to interpret the story of the script through accomplished visual images on film. Topics include film emulsions, exposure and latitude, advanced lighting techniques, film camera operation, color correction, the work and art of the Director of Photography.

Prerequisites: [COMM3260](#)

COMM4260 Cinema Directing (3)

Advanced techniques of film style television, documentary and feature film directing. Course includes script analysis, studio and location shooting, and interpretation of story through the direction of image making and actor performance. Students work together to direct a short feature or documentary on digital cinema. **Prerequisites:** [COMM4250](#)

COMM4420 Advanced Public Relations (3)

An in-depth study of the theory and practice of public relations in the U.S. Emphasis will be placed on analyzing and assessing case studies in public relations problems and in designing and executing a professional public relations campaign. Students will engage in reading, criticism, analysis, and design activities. **Prerequisites:** [COMM2420](#), or instructor's approval.

COMM4440 Rhetorical Theory and Criticism (3)

Explores classical and modern perspectives of rhetoric. Includes a study of classical and modern rhetoricians and their contributions to the art of rhetoric. Offered: Alternate years.

COMM4610 Communication Research and Theory (3)

Study of communication theories and the influence of communication on individuals and society. This course includes a survey of selected topics, research designs and methods in

communication. The course culminates with original student papers and/or group research projects. **Prerequisites:** [PSYC2215](#)

COMM4950 Internship in Communication Studies (1-3)

Supervised internship or research in communication. A student may select (1) a professional internship with 50 clock hours per credit required; or, (2) a major research project. Either activity concludes with a formal written and oral presentation. May be repeated for credit upon approval by the adviser. **Prerequisites:** Courses basic to the area of the internship as approved by the advisor.

COMM4970 Senior Research Project (1)

A one-year capstone experience involving a research project, paper, and a major media production. Must be repeated for credit in the senior year. Required of all Mass Communication majors. Senior Project is pass/fail.

COMM4980 Seminar in Communication Studies (1)

A senior level course which both reviews the major theories and research methods and prepares the student for a future in professional communications. Includes a review of the student's senior project, resume building, interviewing techniques, and preparation for graduate school.

COMP—Computer Science

COMP1220 Introduction to Computer Science (3)

Provides a broad coverage of topics in computer science and its applications. Investigates the capabilities of computer technology. Includes an introductory experience in programming. Also includes introductions to professional ethics and careers.

Prerequisites: An ACT Math score of 23 or its equivalent.

COMP2040 Introduction to Web Development (3)

Introduces students to the world of computer science through the World-Wide Web, focusing on the techniques of web-page creation. No programming background is required, although students will learn some programming through scripting languages. Offered: Alternate years. **Prerequisites:** [COMP1220](#) or Instructor's permission.

COMP2094 Topics in Computer Programming (1-4)

An intensive study of one programming language not covered in other courses.

Prerequisites: Instructor's permission. May be repeated for credit.

COMP2120 Introduction to Scientific Programming (3)

An introduction to programming for computationally oriented scientists and engineers. Primary emphasis is on fundamental programming concepts and problem-solving using algorithm thinking. **Prerequisites:** An ACT score of 23 or higher.

COMP2220 Computer Programming I (3)

Further study of the syntax and semantics of a programming language using object-oriented design methodology. Problem-solving heuristic and algorithm development will be emphasized. **Prerequisites:** [ENGR1010](#), [COMP1220](#), an ACT Math score of 23 or its equivalent. **Corequisites:** COMP2220L

COMP2220L Computer Programming I Laboratory (1)

A required laboratory associated with COMP2220. **Corequisites:** COMP2220

COMP2260 Event-Driven Programming (3)

An introduction to the principles of developing application programs to run in a Windows environment. Development of real-world, multi-form, commercial applications taken from engineering, business, and industry will be emphasized. Offered: Alternate years.

Prerequisites: [COMP2220](#) **Corequisites:** COMP2260L

COMP2260L Event-Driven Programming Laboratory (1)

A required laboratory associated with COMP2260. Offered: Alternate years. **Corequisites:** COMP2260

COMP2630 Computer Architecture (3)

An introduction to the basic concepts of a computer system and its architecture using the 80x86 microprocessor. This includes memory, control, and arithmetic logic unit (ALU) interactions. Instruction types, formats, and data representation are studied.

Prerequisites: [COMP2220](#)

COMP2750 Data Structures (3)

Introduction to commonly used computer data structuring techniques. Topics include graphs, stacks, queues, lists, trees, sorting, searching, and memory management.

Prerequisites: [COMP2220](#)

COMP3094 Special Topics in Computing (1-4)

A study of some areas not covered in other computing courses. **Prerequisites:** Instructor's permission. May be repeated for credit.

COMP3230 Introduction to Spatial Analysis (3)

Introduction to Geographic Information Systems (GIS) and the utilization of geospatial data for observation of data in a means that is not possible in written or tabular format. Spatial Analysis allows questions to be considered where a primary consideration is the relationship between where different entities are located.

COMP3330 Database Design and Programming (3)

An introduction to application program development in a database environment with an emphasis on data structures, file organization, hierarchical network and relational data models and storage devices. Offered: Alternate years. **Prerequisites:** [COMP2750](#), [MATH2310](#) **Corequisites:** COMP3330L

COMP3330L Database Design and Programming Laboratory (1)

A required laboratory associated with COMP3330. Offered: Alternate years. **Corequisites:** COMP3330

COMP3370 Systems Analysis and Design (3)

A study of techniques and tools used to analyze problems with an emphasis on defining the present state of a system and offering a set of alternative designs, which provide an improved system. The types of optimization criteria and tools for performing this analysis will be investigated with examples from business and engineering. Offered: Alternate years.

Prerequisites: [COMP2220](#)

COMP3430 Operating Systems I (3)

An introduction to the major concepts of operating system principles. This includes an understanding of the organization and architecture of computer systems at the register-transfer and programming levels of system description. This includes operating system concepts relating specifically to current operating system standards and a formal treatment of programming language translation and compiler concepts. Offered: Alternate years.

Prerequisites: [COMP2630](#), [COMP2750](#) **Corequisites:** COMP3430L

COMP3430L Operating Systems I Laboratory (1)

A required laboratory associated with COMP3430. Offered: Alternate years. **Corequisites:** COMP3430

COMP3440 Operating Systems II (3)

A continuation of COMP3430 Operating Systems I. Offered: Alternate years. **Prerequisites:** [COMP3430](#)

COMP3530 Computer Graphics (3)

An overview of the hardware, software, and techniques used in computer graphics. Topics include 2-D and 3-D transformations, clipping, windowing, display files, surface plots, and fractals. Offered: Alternate years. **Prerequisites:** [COMP2630](#) **Corequisites:** COMP3530L

COMP3530L Computer Graphics Laboratory (1)

A required laboratory associated with COMP3530. Offered: Alternate years. **Corequisites:** COMP3530

COMP3630 Networks and Data Communications I (3)

A study of digital data communication in computer networks. The problems, rationales, and possible solutions for various communication protocols will be discussed as well as OSI model and various network protocols. Offered: Alternate years. **Prerequisites:** [COMP2630](#), [COMP2750](#)

COMP3640 Networks and Data Communications II (3)

A continuation of COMP3630 Networks and Data Communications I. Offered: Alternate years. **Prerequisites:** [COMP3630](#)

COMP3750 Algorithm Analysis (3)

A medium level algorithmic class to introduce various categories of algorithms, formal specification and verification, and algorithmic schemas for specific problems. The algorithm topics include divide and conquer, backtracking, dynamic programming, string processing, graph algorithms, geometric algorithms, fast arithmetic algorithms, genetic programming, and NP completeness and approximation. Offered: Alternate years.

Prerequisites: [COMP2750](#)

COMP3970 Introduction to Senior Project (1)

Presentation of possible topics for the senior software development or research project. Discussion of the style of the written paper and oral presentation. Methods of collecting background information and data will be presented. Attendance at Senior Seminar presentations is required. **Prerequisites:** Junior classification, Computer Science major.

COMP4330 Machine Learning and Data Mining (3)

An introduction to basic artificial intelligence concepts that are widely used in modern computer systems using bioinformatics as examples. These concepts include learning theory, supervised/unsupervised learning, machine learning applications, association rules, clustering, classification and data mining applications. Offered: Alternate years.

Prerequisites: [COMP2750](#)

COMP4430 Compilers (3)

A formal treatment of programming language translation and compiler concepts. Emphasis is on parsing algorithm, translation specifications and development of machine-independent code. Offered: Alternate years. **Prerequisites:** [COMP2630](#), [COMP2750](#)

COMP4680 Software Development Project (4)

An application of the computer programming and system development concepts, principles, and practices to a comprehensive systems development project. The student may work individually or as a part of a team in the development of a significant software project. **Prerequisites:** [COMP3970](#), Senior classification

COMP4970 Research (1-3)

Involves the participation of the student with a faculty member in an individual investigative project. May be repeated for up to 4 credits. **Prerequisites:** Instructor's approval

COMP4980 Senior Seminar/Capstone (1)

Required of and limited to senior students. The seminar involves the written and oral presentation of the research project completed in COMP4680 or 4970. **Prerequisites:** [COMP4680](#) or [COMP4970](#). Must be taken at NNU.

CRIM—Criminal Justice

CRIM1500 Introduction to Criminal Justice (3)

This course is an overview of the criminal justice system in the United States and covers four major content areas: the nature of crime and laws; policing and law enforcement; courts and adjudication; and corrections.

CRIM2250 Law Enforcement and Community Policing (3)

This course examines the history and roles of police in American society, including the philosophy, policy, structure and methods of law enforcement at the local, state and federal levels. In addition, characteristics of effective police work, as well as contemporary issues facing law enforcement officers and agencies today will be scrutinized. Students will closely examine the two extremely important aspects of addressing crime through the building of partnerships with community and develop critical thinking/problem solving skills of how to best address the issues and fear in communities where they serve.

CRIM2960 Criminal Justice Practicum (1)

This course will prepare students for field experiences and internships in criminal justice settings. All criminal justice students seeking field experiences or internships must satisfactorily complete this course prior to registering for CRIM3960 or CRIM4960.

CRIM3094 Topics in Criminal Justice (3)

A variety of courses designed to provide theoretical knowledge and practical experience to enhance the preparation of students in the criminal justice program. May be repeated for credit with different topics.

CRIM3150 Corrections (3)

This course provides an overview of the field of corrections, including its history and the goals, methods, and institutions that characterize it today. Topics include clients and officers, programs and facilities, life in and after incarceration, community corrections, and issues of punishment and reform, including innovation in policy, programs, and techniques.

CRIM3200 Juvenile Justice (3)

A study of the forms, causes, and consequences of juvenile delinquency. Intervention for offenders, preventive measures, and the legal and treatment system for dealing with juveniles will also be studied. The course is designed to expose students to

textual/theoretical material and knowledgeable professionals from agencies in the community.

CRIM3550 Criminology (3)

This course is designed to introduce students to criminology as a field of study. Students will be introduced to theories that attempt to explain criminal behavior from social, economic, biological, personality and individual perspectives. It includes study of the types of crime, the classes and nature of offenders, and methods for treating offenders and preventing crime.

CRIM4010 Capstone (1)

This course provides students with a context for reflection and self-analysis regarding their educational experience at NNU. The approach in this course to self-analysis and critical reflection is two-fold: 1) students will reflect on their comprehensive educational experience through the lens of the four university outcomes, and 2) students will think about and discuss the integration of their learning with their future, post-university lives. (See CLST4010, HUMN4010, PSYC4010, SPAN4010)

CRIM4250 Criminal Court Systems (3)

This course provides a description and analysis of the structure, functions, and procedures of the criminal court system in the United States, including the roles of the prosecutor, defender, judge, jury, and court administrator. The history of the system and issues facing the criminal courts today are examined. Offered: Alternate years.

CRIM4350 Criminal Law (2)

This course provides an introduction to the criminal law, including an historical overview and a survey of general legal principles. It covers basic elements of common and statutory law, and discusses specific categories of offenses and defenses used against prosecution for them. Offered: Alternate years.

CRIM4360 Criminal Procedure (2)

This course emphasizes the procedural protections established in the Bill of Rights and enforced by the courts through the procedural exclusion of evidence or the procedural dismissal of cases. In the course, students study the Fourth Amendment (Search and seizure), the Fifth Amendment (Rights against self-incrimination and double jeopardy), the Sixth Amendment (Rights to grand jury indictment, notice of charges, speedy and public trial, trial by impartial jury, confrontation of witnesses, compulsory process of favorable witnesses, and assistance of counsel), the Eighth Amendment (Rights against excessive bail and cruel and unusual punishment), and the Fourteenth Amendment (Application of Bill of Rights to the states).

CRIM4960 Internship in Criminal Justice (3-15)

This course requires 45 hours per credit in an approved setting of intensive experience-based learning. Course is designed to give students in-depth, work-setting knowledge of an aspect of the field of criminal justice. Students assume career-related duties as deemed appropriate by their site-supervisor and approved by their major advisor. May be repeated for a maximum of 15 credits. **Prerequisites:** [CRIM2960](#), Junior standing AND Instructor's Permission., Program admission required.

CRIM4970 Senior Research in Criminal Justice (1-4)

The student will either develop and complete an empirical research project and a written report suitable for submission to a professional journal or assist a faculty member in

independent professional research. May be repeated for a maximum of 6 credits.

Prerequisites: Instructor's Permission.

ECON—Economics

ECON1010 Personal Finance (3)

An introduction to decision making in personal economics. Emphasis will be placed on the financial choices faced by individuals in the build-up and management of net worth. Topics covered include education and experience, earning and spending, savings and debt, taxes and inflation, insurance, investments, and contracts.

ECON1050 Analysis of Economic Issues (3)

Introduction to the theory of supply and demand, and application of this theory to economic issues such as social security, crime, medical care, poverty, higher education, economic systems, pollution, big business, free trade, the U.S. national debt, and economic growth. **Prerequisites:** ACT mathematics score of 20 or better; or, a college level mathematics course, or instructor's approval.

ECON2410 Principles of Microeconomics (3)

A study and application of microeconomic analysis; includes supply, demand, pricing, consumer choice, and international concerns.

ECON2420 Principles of Macroeconomics (3)

A study and application of macroeconomic analysis; includes gross national product, national income, consumption, investment, inflation, economic growth and development, and international applications.

ECON3010 Personal Finance and Stewardship (3)

A study and application of the planning and organizing of personal finances. Class will explore how students manage and address the challenges of becoming good stewards of their gifts, talents, time and resources. Topics covered include education and experience, earning and spending, savings and debt, giving and tithing, taxes and insurance, and social responsiveness.

ECON3094 Special Topics in Economics (1-3)

An examination of various economic questions and theories not covered in other economic courses. Topics include: financial economics, game theory, health economics, labor economics, environmental economics, public finance and the history of economic thought.

May be repeated for credit. **Prerequisites:** Instructor's approval

ECON3150 Managerial Economics (3)

An application of tools of microeconomics and how they relate to managerial decision making. Includes study of the internal and external economic environments of firms for managerial decision making. Topics include supply and demand, quantitative demand, analysis, production and costs, market structures, game theory, pricing strategies, organization of firms, and social perspectives on managerial decision making. Offered: Alternate years **Prerequisites:** [ECON2410](#) or [ECON2420](#), or instructor's approval.

ECON3510 Money and Financial Institutions (3)

A study of monetary economics, including fluctuations of money, determinants on money supply and demand, study of financial institutions, determinants of interest rates, principles and practice of banking and financial intermediaries, formation of monetary

policy, the Federal Reserve System, and international monetary forces. Offered: Alternate years **Prerequisites:** [ECON2410](#) or [ECON2420](#), or instructor's approval.

ECON3770 Saving and Investing (3)

An introduction to the economics of lifetime saving and investing decisions. Includes introduction to financial institutions involved in saving and investing, operation and properties of stock, bond, and real estate markets, role of tax laws and practices in life-time saving and consumption decisions, time value of money principles, saving to achieve personal goals, rate of return and risks of alternative investments in the context of principles of Christian stewardship. Offered: Alternate years. **Prerequisites:** [ECON2410](#) or [ECON2420](#), or instructor's approval.

ECON4050 Global Economics (3)

A survey of the theory and practice of international trade and finance around the world. Includes examination of the problems of developed and less developed countries in the world economy. Other topics include globalization, international comparison of standards of living, theories of international exchange, currency markets, balances of international payments, trade policies, transitions from socialism, international economic institutions, regional economic integration and international economic crisis. Offered: Alternate years. **Prerequisites:** [ECON2420](#), or instructor's approval.

EDUC—Education

EDUC1100 Introduction to Education (1)

Exploration of the rewards and challenges of the teaching profession. Course includes discussion of current issues in education, an overview of the NNU education program, insights from enthusiastic educators, and a 25-hour field experience at the grade level/content area of the candidate's interest.

EDUC2094 Special Topics in Education (1-4)

An opportunity to study current issues in the field of education. Topics may vary. May be repeated for credit. **Prerequisites:** Instructor's approval

EDUC2110 Educational Psychology (3)

A study of the psychological implications involved in the teaching-learning situation with emphasis on those psychological principles applicable to children ages 6-12 and adolescents 13-18. A variety of learning and developmental theories based on research from the field of psychology are covered. May be taken same semester as EDUC1100. (See PSYC2110) **Prerequisites:** [EDUC1100](#), or instructor's approval.

EDUC2250 Cultural Diversity in Education (2)

A reflective exploration of race, socio-economic, and changing demographics in communities and schools. Includes a focus on common beliefs held by teachers that may affect the achievement gap between white and minority students. Culturally relevant teaching practices will be developed to enhance learning opportunities for students of color. Course includes a 10-hour field experience. Fulfills a General Education Level II Cross Cultural Experience if taken with EDUC2250CC Intercultural Lab 2. **Prerequisites:** [EDUC1100](#)

EDUC2750 Technology in the Classroom (3)

This course is designed to help candidates gain an awareness of current and emerging educational and computer technologies and develop practical skills in integrating these technologies in educational settings. The course focuses on helping candidates acquire the skills necessary to demonstrate technological proficiency based on the "Proficient" level of the current ISTE NETS-T standards. **Prerequisites:** [EDUC1100](#), or instructor's approval.

EDUC2960 Introduction to Instructional Design (1)

An overview of lesson planning and domains of teaching. During a 30-hour field experience candidates will design and teach at least one lesson in a classroom. **Fees:** Additional fee required. **Prerequisites:** [EDUC1100](#), Sophomore classification.

EDUC3000 Mathematics Lab for Elementary Teachers (2)

Lab-oriented exploration of mathematical concepts to provide understanding of basic mathematical structures and strategies for the elementary teacher. Course includes a 10-hour field experience to observe and teach conceptual math strategies in an elementary classroom. May be taken same semester as MATH2010 or MATH2020. **Prerequisites:** [MATH2010](#), [MATH2020](#), Program admission required.

EDUC3010 Teaching English in Secondary Schools (3)

This course introduces pre-service teachers to the fundamentals of theory and practice necessary to teach language arts to the secondary student. Research based best practices of teaching grammar, writing, and literature will be emphasized. Candidates will write and teach lesson plans. Candidates are required to complete a 20-hour field experience. (See ENGL3010) **Prerequisites:** Junior classification., Program admission required.

Corequisites: EDUC3750, EDUC3510

EDUC3150 Education of Exceptional Children (3)

A survey of the characteristics and educational needs of students with learning challenges and those identified as gifted. Course emphasizes causes, incidence, and implications of disabilities and practical strategies for assisting all students to succeed in the regular classroom. Also included is information on special education law and individual educational plans as they apply to general education teachers. A 15-hour field experience is included. Exempt: Kinesiology Ed majors who take KINE3630. **Prerequisites:** [EDUC2960](#), or instructor's approval. Program admission required.

EDUC3240 Classroom Management in K-8 Classrooms (3)

An in-depth study of classroom management principles and practices for K-8 teachers. Focus is on equipping candidates with knowledge and skills for effectively managing a classroom. Course explores motivation, classroom environment, minimizing management problems through proactive strategies, and systematically modifying inappropriate behavior. **Prerequisites:** Junior classification, Program admission required.

EDUC3250 Fundamentals of Reading (3)

An in-depth study of the essential components for developing the literacy capabilities of elementary children. Focus includes research-based practices of developing word recognition, fluency, and comprehension. Course includes a 25-hour field experience in an elementary classroom during which the candidate observes the set up and administration of a reading program and participates in reading instruction. This course meets part of the ICLA requirements of the Idaho Department of Education. **Prerequisites:** Junior classification., Program admission required.

EDUC3260 Content Literacy in K-8 Classrooms (3)

An exploration of principles and strategies for helping K-8 students acquire reading and writing skills essential for effective learning in subject areas. Emphasis is on helping future teachers design instruction that develops vocabulary concepts, enhances comprehension, and addresses the varying backgrounds and needs of elementary and middle school students as they interact with text. Course includes a 25-hour field experience providing opportunities for students to teach lessons related to their middle school content area. This course meets part of the ICLA requirements of the Idaho Department of Education.

Prerequisites: Junior classification, Program admission required.

EDUC3310 Teaching English Language Learners (1)

Exploration of the unique cultural values of children and families whose primary language is not English and study of teaching strategies for helping all students to succeed. Course includes a 15-hour multicultural field experience. Fulfills a General Education Level II Cross Cultural Experience if taken with EDUC3310CC Intercultural Lab 2. **Prerequisites:**

EDUC2960, EDUC1100, or instructor's approval. Program admission required.

EDUC3330 Teaching Art in the K-8 School (3)

Introduces elementary education majors to theoretical and practical experiences necessary for incorporating a discipline-based art education program into the elementary and middle school curriculum. This course may include actual teaching experiences. (See ARDE3330)

Fees: Additional fee required. **Prerequisites:** Program admission required.

EDUC3340 Teaching Music in the Elementary School (2)

Study in the application of the principles, procedures, and objectives in school music in the primary and intermediate grades. Special emphasis is given to the basic elements of music and creativity as found in Orff and Kodaly as well as folk music of various cultures and traditions. (See MUSC3450, MUSC3460) **Prerequisites:** Junior classification., Program admission required. **Corequisites:** EDUC3750

EDUC3350 Teaching School Health (2)

Course is designed to provide knowledge in three divisions of health education: healthful living, school health services, and health education. Topics include recognition of health issues of children and adolescents (K-12) with opportunity to develop competencies in handling methods and teaching techniques. Includes a 20-hour field experience. (See KINE3350) **Prerequisites:** Junior classification., Program admission required.

Corequisites: EDUC3750, EDUC3510

EDUC3360 Teaching Physical Education in Secondary Schools (2)

Course will cover strategies appropriate to this subject field, instructional materials and tools, and curricular structure common to this subject in the secondary school. Includes opportunities for candidates to assist and teach a minimum of 20 hours. (See KINE3360)

Prerequisites: Junior classification., Program admission required. **Corequisites:** EDUC3750, EDUC3510

EDUC3380 Teaching Physical Education in the K-8 Schools (2)

This course introduces candidates to the basic principles of physical education for children in grades kindergarten through eight. Emphasis will be placed on the development of systematic physical education programming. Candidates will participate in simulated teaching experiences and/or field observations. (See KINE3380)

EDUC3410 English Language Learners and Content Literacy in Secondary Classrooms (3)

This course prepares teacher candidates to demonstrate competency in comprehensive literacy skills and knowledge congruent with research on best literacy practices in adolescent literacy and with English Language Learners. It meets the ICLA requirements of the Idaho State Department of Education. The course focuses on principles and strategies for helping all students access content-specific materials and vocabulary presented in secondary classrooms. Candidates design lessons that promote content literacy and make content comprehensive for diverse learners. A 15-hour multicultural field experience provides candidates with the opportunity to apply strategies in a setting reflecting diverse student needs. Fulfills a General Education Level II Cross Cultural Experience if taken with EDUC3410CC Intercultural Lab 2. **Prerequisites:** Junior classification., Program admission required.

EDUC3510 Teaching Methods in Secondary Classrooms (3)

An investigation of teaching methods and techniques appropriate for the secondary school classroom. Theoretical principles upon which teaching strategies are based and the principles of classroom management will be considered. Lesson and unit planning are included. Mini-teaching experiences are an integral part of this course. Corequisite: Methods courses in teaching area or first and second teaching fields. Exempt - music majors who do not have a second teaching field. **Prerequisites:** Junior classification., Program admission required. **Corequisites:** EDUC3750

EDUC3530 Teaching Art in the Secondary School (3)

An examination of pragmatic techniques and philosophical approaches necessary to design, implement, and evaluate a comprehensive discipline-based art education program at the secondary school level. Additionally, both historical and contemporary art education issues are examined, discussed, and evaluated. Includes opportunities for candidates to assist and teach a minimum of 20 hours. (See ARDE3530) **Prerequisites:** Junior classification., Program admission required. **Corequisites:** EDUC3750, EDUC3510

EDUC3570 Teaching Mathematics in the Secondary School (2)

Course topics include strategies appropriate to this subject field, instructional materials and tools, and curricular structure common to this subject in the secondary school. Includes opportunities for candidates to assist and teach a minimum of 20 hours.

Prerequisites: Junior classification., Program admission required. **Corequisites:** EDUC3750, EDUC3510

EDUC3580 Teaching Social Studies in the Secondary School (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for candidates to assist and teach a minimum of 20 hours. (See HIST3580) **Prerequisites:** Junior classification., Program admission required. **Corequisites:** EDUC3750, EDUC3510

EDUC3630 Teaching Foreign Language in the Secondary School (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for candidates to assist and teach a minimum of 20 hours. (See SPAN3630) **Prerequisites:** Junior classification., Program admission required. **Corequisites:** EDUC3750, EDUC3510

EDUC3640 Teaching Science in the Secondary School (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for candidates to assist and teach a minimum of 20 hours. (See BIOL3640) **Prerequisites:** Junior classification., Program admission required. **Corequisites:** EDUC3750, EDUC3510

EDUC3650 Teaching Communication Studies in Secondary Schools (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to the subject in the secondary school. Includes opportunities for candidates to assist and teach a minimum of 20 hours. (See COMM3650) **Prerequisites:** Junior classification., Program admission required. **Corequisites:** EDUC3750, EDUC3510

EDUC3750 Classroom Management in Secondary Schools (2)

An in-depth study of classroom management theory and application for secondary teachers. Focus is on equipping future teachers with knowledge and skills for effectively managing a classroom. Course explores motivation, classroom environment, minimizing management problems through proactive strategies and interpersonal skills, responding to minor and serious behavior problems, and systematically modifying inappropriate behavior. Corequisite: methods courses in teaching area or fields. **Prerequisites:** Junior classification., Program admission required. **Corequisites:** EDUC3510

EDUC3920 Foundations of Education (2)

Exploration of the historical, philosophical, social, and legal foundations of the teaching profession. Purposes and challenges of education will be addressed in relationship to today's changing world. **Prerequisites:** Program admission required.

EDUC3960 Field Experience (1)

An additional 30-hour field experience consisting of classroom observation and participation in lesson preparation and classroom presentations. Candidate assignments will be based on previous experience and individual needs. This course should not be taken the same semester as enrollment in EDUC2960, EDUC3150, EDUC3250 or EDUC3260. May be repeated for credit. **Prerequisites:** EDUC1100, EDUC2750, EDUC2960, or instructor's approval.

EDUC4430 Teaching the Whole Child (1)

An exploration of research findings and classroom strategies for incorporating movement and the arts into the elementary curriculum for increased development and learning in children. Focus includes physical education, music, art, and drama. Also included is a study of the impact of these areas on the brain development, motivation, and academic performance in all students, including those who may struggle in school. **Prerequisites:** Approval for intern year. Senior classification. **Corequisites:** EDUC4440, EDUC4460, EDUC4540, EDUC4550, EDUC4810

EDUC4440 Elementary Internship I (3)

Initial teaching experiences in full-day participation in an elementary classroom. Emphasis is on learning classroom routines, establishing classroom environment and rapport with students, and participating as a team member with a cooperating teacher and school staff. **Prerequisites:** Approval for intern year. Senior classification. **Corequisites:** EDUC4430, EDUC4460, EDUC4540, EDUC4550, EDUC4810

EDUC4450 Elementary Internship II (11)

A continuation of full-day participation in an elementary classroom. Interns assume increased responsibility for standard-based instruction in all areas of the curriculum, including implementation of a content area unit of study. Interns experience immersion in all aspects of the elementary school setting, including instructional decision-making, accommodations for diverse learners, student assessment, classroom management, and professional development opportunities. The semester culminates with interns assuming full responsibility for the classroom. Weekly seminars are part of this experience. **Fees:** Additional fee required. **Prerequisites:** EDUC4430, EDUC4440, EDUC4460, EDUC4540, EDUC4550, EDUC4810 **Corequisites:** EDUC4950

EDUC4460 Assessment and Intervention in Reading (3)

An examination and application of research-based practices used for assessment to guide instruction in literacy. Included is a 25-hour field experience in which the intern diagnoses literacy needs of a struggling reader and designs and delivers interventions to support that elementary student's literacy development. This course meets part of the ICLA requirements of the Idaho Department of Education. **Prerequisites:** Approval for intern year. Senior classification. **Corequisites:** EDUC4430, EDUC4440, EDUC4540, EDUC4550, EDUC4810

EDUC4540 Methods of Teaching Social Studies and Language Arts in the Elementary Classroom (4)

An integrated study of teaching methodology which encompasses elementary school social studies and language arts. Candidates design instruction to meet curriculum standards, devise accommodations for students with diverse needs, and plan assessment procedures to monitor student progress. A focus on unit and lesson planning, classroom environment, instruction, and professionalism equips candidates for the student teaching experience.

Prerequisites: Department approval., Program admission required. **Corequisites:** EDUC4430, EDUC4440, EDUC4460, EDUC4550, EDUC4810

EDUC4550 Methods of Teaching Science and Mathematics in the Elementary Classroom (4)

A study of teaching methodology encompassing elementary school science and mathematics. Candidates design instruction to meet curriculum standards, devise accommodations for students with diverse needs, and plan assessment procedures to monitor student progress. A focus on unit and lesson planning, classroom environment, instruction, and professionalism equips candidates for the student teaching experience.

Prerequisites: Department approval., Program admission required. **Corequisites:** EDUC4430, EDUC4440, EDUC4460, EDUC4540, EDUC4810

EDUC4740 Student Teaching in Special Education (11)

Directed observation, participation, and responsible teaching under the supervision of a certified special education teacher and NNU supervisor. Weekly seminars are part of this experience. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Approval for student teaching., Program admission required. **Corequisites:** EDUC4950

EDUC4771 Philosophy of Christian Education (1)

Introductory examination of the nature and function of belief structures and how these belief structures impact the way one teaches in Christian schools. This course will include consideration and development of one's worldview.

EDUC4810 Elementary School Start-Up (1)

A fall field experience to acquaint the intern with practices for beginning the school year in an elementary school. Interns attend opening faculty meetings in the school and observe and assist the teacher during the first week of school. Materials and instructions for this course must be secured from the Director of Student Teaching three months prior to the opening of school. **Prerequisites:** Approval for intern year. Senior classification.

Corequisites: EDUC4430, EDUC4440, EDUC4460, EDUC4540, EDUC4550

EDUC4850 Secondary School Start-Up (1)

Attendance at the opening faculty meetings, assisting in the preparation for opening of school and observing and assisting the teacher in a regular public school classroom situation during the first week of school. This work is to be done in the fall before student teaching. Materials and instructions for this course must be secured from the Director of Student Teaching three months prior to the opening of school. **Prerequisites:** Approval for student teaching. Senior classification.

EDUC4860 Student Teaching in the Middle/Junior High School (11)

Directed observation, participation, and responsible teaching conducted under the supervision of a middle school/junior high school teacher and NNU supervisor. Weekly seminars are a part of this program. Candidates participating in fall student teaching should plan to report to their assigned school the first day that the teachers report. Candidates participating in spring student teaching will need to complete a "school startup" experience in the fall before their student teaching. If possible, this start-up experience should be with their cooperating teacher. **Fees:** Additional fee required. **Prerequisites:** EDUC3750, EDUC3410, EDUC3510, Approval for student teaching. Senior classification. Special Methods courses. **Corequisites:** EDUC4950

EDUC4870 Student Teaching in the Senior High School (11)

Directed observation, participation and responsible teaching conducted under the supervision of a senior high school teacher and NNU supervisor. Weekly seminars are a part of this program. Candidates participating in fall student teaching should plan to report to their assigned school the first day that the teachers report. Candidates participating in spring student teaching will need to complete a "school start-up" experience in the fall before their student teaching. If possible, this start-up experience should be with their cooperating teacher. **Fees:** Additional fee required. **Prerequisites:** EDUC3750, EDUC3410, EDUC3510, Approval for student teaching. Senior classification. Special methods courses.

Corequisites: EDUC4950

EDUC4950 Seminar/Capstone (1)

Weekly reflection and discussion about changes in thinking and professional practice resulting from growth in teaching competency as it intersects with growth in the four university outcomes. Corequisite: Student teaching.

ELWR—English Language Writing**ELWR1061 Academic Language Acquisition (3)**

This course integrates academic listening strategies, note-taking and academic discussion in addition to other preparation to give ESL students the skills required to fully participate in the university classroom. A general academic vocabulary list taught through listening

activities aids students' acquisition of frequently-used terms in an undergraduate course level context. **Prerequisites:** A TOEFL IBT score of 60/IELTS score of 5.0 or higher.

ELWR1062 Academic Language Acquisition II (3)

This course is a continuation of Academic Language Acquisition I. The course integrates academic listening strategies, note-taking and academic discussion in addition to other preparation to give ESL students the skills required to fully participate in the university classroom. The professor tailors the course to emphasize words and constructions frequently used in the students' major areas of study. **Prerequisites:** [ELWR1061](#), or instructor's approval.

ELWR1072 Academic Reading and Grammar (3)

This fundamental course introduces ESL students to academic vocabulary and provides a variety of tasks integrated with reading and writing skills. Grammar presentation will be a key aspect of this course in order to develop students' understanding and application of grammatical structures.

ELWR1073 Academic Writing for Non-Native Speakers of English (3)

Focuses on basic writing tasks. These include summary and response as well as vocabulary and grammar development. Explores culture-based academic expectations and conventions in communications. **Prerequisites:** TOEFL score of 61 or successful completion of [ELWR1072](#)

ELWR1074 Academic Writing for Non-Native Speakers of English (3)

Continuation of the goals of ELWR1073 and preparation for the demands of ENGL1030. Introduction to the writing process (prewriting, drafting, revising, editing) and concepts such as audience, purpose, and thesis. Continued emphasis on development of grammar and vocabulary. **Prerequisites:** [ELWR1073](#), or Instructor Approval

ENGL—English

ENGL0900 Improvement of Language Usage (3)

A course for students who are not prepared for college-level composition, emphasizing a systematic study of language usage, spelling and writing.

ENGL1030 University Writing and Research (3)

A course which enables students to sharpen analytical reading skills and, through the medium of research projects, to refine existing critical thinking and writing skills, preparing them for rigorous academic writing. It acquaints students with current information technology, library resources, and undergraduate research methods, covering the entire process of researching and writing persuasive essays. A student must earn a grade of C- or better. Students with an ACT English score of 18-21, or an SAT Reading Test score of 25-28, or an Accuplacer combined Reading and Sentence score of 140-168 must take ENGL1030L concurrently with ENGL1030. **Prerequisites:** Successful completion of [ENGL0900](#), or ACT English score of 18, or SAT Reading score of 25, or Accuplacer combined Reading and Sentence score of 140, or passing of the NNU English Department Writing Evaluation, or advanced placement.

ENGL1030L University Writing and Research Lab (1)

A course designed to improve the success of students with an ACT English score of 18-21, or an SAT Reading Test score of 25-28, or an Accuplacer combined Reading and Sentence score of 140-168. Students will receive supplemental instruction in reading, analyzing, and writing persuasive essays. Must be taken simultaneously with ENGL1030, and a student must earn a grade of C- or better. **Prerequisites:** Successful completion of [ENGL0900](#), ACT English score of 18, SAT reading score of 25, or Accuplacer combined Reading and Sentence score of 140.

ENGL1063 Course-specific Language Support (3)

This adjunct model course links to a traditional undergraduate content course. The goal of this course is to provide ESL students the language skills and study strategies that can be further applied to other undergraduate courses. Particular focus will be given to the following skills: identifying the main idea of a passage, skimming the reading content, taking appropriate lecture notes, and writing succinct summaries.

ENGL2050 Beginning Creative Writing (3)

An introduction to writing fiction, creative nonfiction, and poetry. Emphasis on basic forms, terms, and principles. Offered: every fall.

ENGL2120 English Grammar and Usage (2)

A systematic review of the principles and practice of traditional English grammar and usage conventions. An introduction to morphology and phonology is provided.

ENGL2122 English Grammar and Usage/Linguistics and History (3)

A systematic review of the principles and practice of traditional English grammar and usage conventions. An introduction to morphology and phonology is provided. This course will also introduce students to linguistic theory and the history of the English language, particularly as recorded throughout English literature. This course is taught partially with ENGL2120 and is offered yearly.

ENGL2210 American Literature: Colonial Period to the Civil War (3)

A survey of American writing from the colonial period through the Civil War emphasizing the development of American literary aesthetics, forms, and ideas.

ENGL2220 American Literature: Civil War to the Present (3)

A survey of American writing from the Civil War to the present time, emphasizing the development of American literary aesthetics, forms, and ideas.

ENGL2310 British Literature: Beowulf through the Age of Reason (3)

A survey of British literature from the Anglo-Saxon period through the Restoration.

ENGL2320 British Literature: The Romantic Age to the Present (3)

A survey of British literature from the Romantic and Victorian periods to the present time.

ENGL2410 Major Literature of the Western World (3)

An introductory study of major literary works drawn from the European, British, and American traditions. Special emphasis is placed on literary appreciation.

ENGL2420 World Literature: The Ancient World to the Renaissance (3)

A survey of selected literature from a variety of world cultures. Offered: Alternate years.

ENGL2430 World Literature: The Enlightenment to the Modern Era (3)

A survey of selected literature from a variety of world cultures. Offered: Alternate years.

ENGL2610W Introduction to Journalism (3)

This course will teach students basic reporting and news writing skills, focusing on Associated Press writing style. Additionally, students will be introduced to the best journalism practices dealing with news value and judgment. **Prerequisites:** ENGL1030, Completion of ENGL1030 with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL2980 Introduction to the Study of Literature (1)

An introduction to the basic approaches of literary study. Although open to all students, it is designed to serve as a cohesive agent for the major program. It is required of all majors in the English department. Recommended for the sophomore year. **Prerequisites:** 3 credits in literature.

ENGL3010 Teaching English in Secondary Schools (3)

This course introduces pre-service teachers to the fundamentals of theory and practice necessary to teach language arts to secondary students. Research based best practices of teaching grammar, writing, and literature will be emphasized. Students will write and teach lesson plans. Students are required to complete a 20-hour field experience. (See EDUC3010) **Prerequisites:** Program admission required. **Corequisites:** EDUC3750, EDUC3510

ENGL3015 Topics in Writing (3)

Building on the analytical, research, and writing skills gained in ENGL1030, this course provides students the opportunity to explore further the relationships between one particular field of study, academic discipline, or topic and to write critically, engagingly, and knowledgeably about related topics to an informed audience. A student must earn a grade of C- or better. May be repeated for credit with a different topic. **Prerequisites:** ENGL1030, Completion of ENGL1030 with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL3020W Principles of Writing (3)

An advanced expository writing course emphasizing the thinking and writing skills necessary to develop an effective prose style. A general course appropriate for advanced students in any area, it is especially recommended for potential graduate students. This course fulfills the general-education "W" requirement. **Prerequisites:** ENGL1030, ENGL1030 with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the English Department Writing Evaluation.

ENGL3040W Creative Writing - Prose (3)

Principles, techniques, and practice in writing both fiction and non-fiction. Small-group work and individual conferences are included. This course fulfills the general-education "W" requirement. **Prerequisites:** ENGL1030, Completion of ENGL1030 with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL3050 Creative Writing - Poetry (3)

Principles, techniques, and practice in writing poems. Emphasis on individual writing and small-group activities. Offered: Alternate years. **Prerequisites:** ENGL2050, or instructor's approval.

ENGL3094 Topics in English (1-3)

Specialized study of a topic, genre, or author. May be repeated for credit. **Prerequisites:** 3 credits in literature.

ENGL3120 Linguistics: Structure and History of English (3)

An investigation of both traditional and transformational descriptions of English with special attention to the contribution of structural linguistics to modern understanding of the operation of language. Course will also include a study of the history of the English language from the early backgrounds to Old English to modern American English. Offered: Alternate years.

ENGL3210. Major Authors in American Literature (3)

A study of selected works of a major American author or authors. Some examples of course topics are: variations on the American Dream, doctors in literature, literature of the sea, small-town America, and American travel literature. May be repeated for credit. Offered: Alternate years.

ENGL3210W Major Authors in American Literature (3)

A study of selected works of a major American author or authors. Some examples of course topics are: variations on the American Dream, doctors in literature, literature of the sea, small-town America, and American travel literature. May be repeated for credit. This course fulfills the general-education "W" requirement. **Prerequisites:** [ENGL1030](#), Completion of [ENGL1030](#) with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL3250 The American Novel (3)

A study of the development of the American novel through reading and discussing important novels by American authors. Offered: Alternate years.

ENGL3250W The American Novel (3)

A study of the development of the American novel through reading and discussing important novels by American authors. This course fulfills the general-education "W" requirement. **Prerequisites:** [ENGL1030](#), Completion of [ENGL1030](#) with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL3310 Major Authors in British Literature (3)

A study of selected works of a major British author or authors. Some examples of course topics are: faith and doubt in British literature, British fantasy from Swift to Tolkein, and poetry of the Brownings. May be repeated for credit. Offered: Alternate years.

ENGL3310W Major Authors in British Literature (3)

A study of selected works of a major British author or authors. Some examples of course topics are: faith and doubt in British literature, British fantasy from Swift to Tolkein, and poetry of the Brownings. May be repeated for credit. This course fulfills the general-education "W" requirement. **Prerequisites:** [ENGL1030](#), Completion of [ENGL1030](#) with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL3320 Shakespeare (3)

A study of representative plays through reading, viewing, and discussing comedies, tragedies, and histories.

ENGL3320W Shakespeare (3)

A study of representative plays through reading, viewing, and discussing comedies, tragedies, and histories. This course fulfills the general-education "W" requirement.

Prerequisites: ENGL1030, Completion of ENGL1030 with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL3350 The British Novel (3)

A study of the development of the British novel through reading and discussing important novels by British authors. Offered: Alternate years.

ENGL3350W The British Novel (3)

A study of the development of the British novel through reading and discussing important novels by British authors. This course fulfills the general-education "W" requirement.

Prerequisites: ENGL1030, Completion of ENGL1030 with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL3410 Greek and Roman Classics (3)

A study of The Iliad, The Odyssey, Greek drama, The Aeneid, and other ancient Greek and Roman works. Offered: Alternate years.

ENGL3420 Foreign Literature in Translation (3)

Major works of a foreign country or other geographic area (not the United States or Great Britain) will be studied in English translation. Some examples of course topics are twentieth century European literature, literature of the Far and Near East, Latin-American literature, literature of the African diaspora, or literature of European existentialism. The course topics may also focus on the works of a major author in translation. May be repeated for credit. Offered: Alternate years.

ENGL3420W Foreign Literature in Translation (3)

Major works of a foreign country or other geographic area (not the United States or Great Britain) will be studied in English translation. Some examples of course topics are twentieth century European literature, literature of the Far and Near East, Latin-American literature, literature of the African diaspora, or literature of European existentialism. The course topics may also focus on the works of a major author in translation. May be repeated for credit. This course fulfills the general-education "W" requirement.

Prerequisites: ENGL1030, Completion of ENGL1030 with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL3510 Twentieth Century Poetry (3)

A study of representative British and American poetry of the twentieth century. Offered: Alternate years.

ENGL3520 Twentieth Century Drama (3)

A study of representative European, British, and American drama from Ibsen to Ionesco. Offered: Alternate years.

ENGL3740 Children's Literature (3)

A study of literature written for children, from pre-school age onward. The course samples a variety of types of literature and will prove valuable for general students, prospective teachers, or parents who wish to enrich their own background in children's literature and

to develop qualitative judgment skills.

ENGL3740W Children's Literature (3)

A study of literature written for children, from pre-school age onward. The course samples a variety of types of literature and will prove valuable for general students, prospective teachers, or parents who wish to enrich their own background in children's literature and to develop qualitative judgment skills. This course fulfills the general-education "W" requirement. **Prerequisites:** [ENGL1030](#), Completion of [ENGL1030](#) with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL3910 Literary Criticism (3)

The study and application of representative literary criticisms from Plato to the present. It is required of English and English-education majors and recommended for the junior year. Offered: Alternate years. **Prerequisites:** 9 credits in literature.

ENGL3960 Internship in Professional Writing (3)

Students will work at least 100 hours in a professional writing situation, such as a newspaper, on a schedule convenient to the needs of the business or office and the students' own course work. The writing situation will be selected in consultation with the Language, Literature, and Cultural Studies Department Chair. Students will have opportunity to observe and participate in all facets of the business. A supervisor in the business situation will agree to serve as editor, instructor, and supervisor, and be approved by the Language, Literature, and Cultural Studies Department Chair. Credit and grade will depend upon the completion of the hours in a dependable, professional manner as verified from the supervisor to the professor.

ENGL4270 Minority Voices in American Literature (3)

A course studying the literature of American cultural minorities. Course content may be either multi-cultural or monocultural. May be repeated for credit.

ENGL4270W Minority Voices in American Literature (3)

A course studying the literature of American cultural minorities. Course content may be either multi-cultural or monocultural. May be repeated for credit. This course fulfills the general-education "W" requirement. **Prerequisites:** [ENGL1030](#), Completion of [ENGL1030](#) with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL4340 Major Romantics and Victorians (3)

Readings in British Romantic and Victorian poetry and prose. The course focuses upon the rapidly changing art and ideas through these periods. Offered: Alternate years.

ENGL4340W Major Romantics and Victorians (3)

Readings in British Romantic and Victorian poetry and prose. The course focuses upon the rapidly changing art and ideas through these periods. This course fulfills the general-education "W" requirement. **Prerequisites:** [ENGL1030](#), Completion of [ENGL1030](#) with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL4350 Major British Authors to the Restoration (3)

A course exploring poetry in English from the Middle Ages until 1700. Content may focus on one or two significant poets (Chaucer, Shakespeare, Milton), or on a literary period. Offered: Alternate years.

ENGL4350W Major British Authors to the Restoration (3)

A course exploring poetry in English from the Middle Ages until 1700. Content may focus on one or two significant poets (Chaucer, Shakespeare, Milton), or on a literary period. This course fulfills the general-education "W" requirement. **Prerequisites:** [ENGL1030](#), Completion of [ENGL1030](#) with a grade of C- or better, or an ACT English score of 30 or higher AND a superior score on the NNU English Department Writing Evaluation.

ENGL4980 Senior Seminar (1)

A review of the English program and a commencement of a lifetime of independent reading and thinking. This course meets the university general education requirement for a capstone course. Required of all majors in the English department. **Prerequisites:** Senior classification.

ENGR—Engineering**ENGR1010 Introduction to Engineering (3)**

An introduction to the engineering profession, the engineering disciplines, and the engineering design process. Principles of professionalism, ethics, teamwork, and problem solving. Introduction to engineering software tools such as MATLAB, Mathematica, and Excel. Team-oriented, hands-on design project. **Fees:** Additional fee required.

ENGR1050 Engineering Graphics and Design (3)

An introduction to Engineering computer-aided design and rapid prototyping. Use of design tools, such as AutoCAD and SolidWorks, along with a 3D printer, and a CNC mill to fabricate rapid prototype parts. Drawings include pictorial, orthographic projection, auxiliary, and section views. **Fees:** Additional fee required.

ENGR2100 Engineering Statics (3)

Resultants of forces, moments and couples, centroids, area moments of inertia, beams, free body diagrams, two- and three-dimensional equilibrium systems, trusses, frames, and friction. **Prerequisites:** [MATH2510](#), [ENGR1050](#), [PHYS2110](#)

ENGR2200 Digital Systems (3)

Analysis and design of basic combinatorial and sequential logic, Boolean algebra, Karnaugh maps, counters, adders, shift registers, multiplexers, and latches. ADC and DAC data conversion, field programmable gate arrays (FPGA's) and application-specific integrated circuits (ASIC'S). Concurrent: ENGR2200L **Prerequisites:** [ENGR1010](#) or [COMP1220](#)

Corequisites: COMP2220

ENGR2200L Digital Systems Laboratory (1)

Prototyping and testing of simple combinatorial and sequential digital circuits using gates, flip-flops, multiplexers, decoders. Introduction to FPGA's and Verilog/VHDL. Concurrent: ENGR2200 **Fees:** Additional fee required.

ENGR2210 Electrical Circuits (3)

Fundamental principles of electrical circuits, DC and AC circuit analysis, single and three-phase electric power systems, electric motors. Introduction to circuit components, Ohm's and Kirchhoff's laws, superposition, Thevenin and Norton theorems, operational amplifiers, RL and RC transients, circuit simulation with SPICE. Sinusoidal steady-state analysis, transformers, frequency response, Bode plots, resonance and filters. Fourier series, Fourier transforms, and Laplace transforms. Concurrent: ENGR2210L **Corequisites:** [PHYS2120](#), [MATH3540](#)

ENGR2210L Electrical Circuits Laboratory (1)

Prototyping and testing of simple DC, AC, and RLC transient circuits, operational amplifiers, transformers, power supplies, filters. Concurrent: ENGR2210 **Fees:** Additional fee required.

ENGR2310 Instrumentation and Measurements Laboratory I (1)

Principles of measurement. Basic instrumentation and measurement techniques in experiments. Includes using instrumentation software such as LabVIEW to design virtual instruments. Error analysis of measurements. Selected experiments will be performed using test equipment and sensors such as oscilloscopes, function generators, multimeters, thermocouples, strain gauges, and photodiodes. **Fees:** Additional fee required.

Corequisites: PHYS2120

ENGR2320 Instrumentation and Measurements Laboratory II (1)

A continuation of ENGR2310. Selected experiments will be performed using test equipment and sensors such as oscilloscopes, function generators, multimeters, thermocouples, strain gauges, and photodiodes. Advanced LabVIEW programming and interfacing with instruments and sensors for data acquisition and instrument/actuator control. Design of experiments and advanced data analysis. Hypothesis testing. **Fees:** Additional fee required.

Prerequisites: [ENGR2310](#)

ENGR3094 Topics in Engineering (1-4)

An approved concentrated study in a field of engineering not covered in other courses. May be repeated for credit. **Prerequisites:** Instructor's approval

ENGR3095 Engineering Internship (1-4)

An approved practical engineering field experience, usually in industry, supervised by an engineer and formally reported by the student. **Prerequisites:** Instructor's permission. May be repeated for credit.

ENGR3100 Mechanics of Materials (3)

Elasticity, strength and modes of failure of engineering materials; theory of stresses and strains of ties, shafts, beams, and columns. **Prerequisites:** [ENGR2100](#)

ENGR3110 Engineering Thermodynamics (3)

Introduction to classical thermodynamics through the second law; system and control volume analysis of thermodynamic processes; irreversibility and availability. Energy and the first law. Entropy and the second law. Conventional power and refrigeration cycles. Equations of state, ideal-gas mixtures, properties of gaseous mixtures, combustion and chemical equilibrium. **Prerequisites:** [PHYS2120](#) **Corequisites:** MATH3540, CHEM2230

ENGR3120 Engineering Dynamics (3)

Kinematics and kinetics of three-dimensional motion of particles, systems of particles, and rigid bodies; translating and rotating reference frames, space mechanics; work-energy, impulse-momentum, and impact problems; introduction to vibrations MATLAB applications and dynamic system modeling and design. Motion converters, mobility equations; Geometric synthesis of linkages; gear teeth; analysis and synthesis of gear trains and planetary gear differentials; computer aided design. **Prerequisites:** [ENGR2100](#)

Corequisites: MATH3540

ENGR3400 Control Systems (3)

Introduction to the operation of dynamic systems, elements of modeling, equilibrium and linearization, Laplace transformation techniques, system response via the transfer function, block diagrams and computer simulation, matrix operations, system response via

state variables, and stability. Modeling and simulation of lumped parameter mechanical, electrical, thermal, fluid, and mixed systems, control algorithms, stability, transient response and frequency response. Concurrent: ENGR3400L **Prerequisites:** [ENGR2210](#), [ENGR2320](#), [MATH3540](#)

ENGR3400L Control Systems Laboratory (1)

Experiments and simulations of mechanical, electrical, thermal, fluid, and mixed systems, control algorithms, stability, transient response and frequency response. Demonstration of control system design techniques using LabVIEW controlled hardware experiments.

Introduction to PLC and automation programming. Concurrent: ENGR3400 **Fees:**

Additional fee required.

ENGR3410 Engineering Economics and Ethics (3)

Concepts and techniques useful in the economic evaluation of engineering alternatives.

Application of economic and financial principles to capital investment. Analysis by present worth, annual cash flow, rate of return, benefit-cost, and replacement considerations.

Depreciation, taxes, inflation, probability and risk, and evaluation of optimum use of resources. In-depth coverage of ethics and professionalism. **Prerequisites:** [ENGR1010](#)

ENGR4100 Fluid Mechanics (3)

Fluid properties; fluid statics, continuity, momentum, and energy principles, laminar and turbulent flow, boundary layers, dimensional analysis and similarity, closed conduit flow, open channel flow, and turbomachinery. One-dimensional open channel flow; compressible flow. **Prerequisites:** [ENGR3100](#), [ENGR3120](#)

ENGR4110 Machine Design (3)

Study of the kinematics and kinetics of machines and machine components. Introduction to design specification and procedures for machine components, including linkages, gears, cams, bearings, clutches, shafts, and brakes. Finite element analysis shaft design of joints (threaded fasteners, welds, springs, keys, etc.); design of gear trains; lubrication and bearing design. Application of the principles of statics and mechanics of materials to the design of machine elements. Failure criteria in yielding, fatigue and buckling, statistical considerations. **Prerequisites:** [ENGR3100](#), [ENGR1050](#), [ENGR3120](#)

ENGR4120 Advanced Mechanical Laboratory (1)

Design and fabrication of mechanical systems. Selected experiments in heat transfer and fluid mechanics. **Fees:** Additional fee required. **Corequisites:** ENGR4100, ENGR4150

ENGR4130 Mechatronics (3)

Mechanical automation integrated with electronics and microcontroller technology; A/D and D/A conversion; parallel I/O; programmable timer operation; interfacing sensors and actuators. Concurrent: ENGR4130L **Prerequisites:** [ENGR2200](#), [ENGR3120](#), [ENGR3400](#)

ENGR4130L Mechatronics Laboratory (1)

Practical laboratory experience in mechatronics. A major design team project to implement a mechatronic robot system. Concurrent: ENGR4130 **Fees:** Additional fee required.

ENGR4140 Vibrations (3)

Free and forced vibration of discrete and continuous systems. Lagrange's equation, Fourier series, Laplace transforms; matrix and computational methods. Linear vibration of machine elements, lumped parameter single and multi-degree of freedom systems solutions; computer-aided solutions of linear and nonlinear systems; simple laboratory vibration measurement and comparative vibration analysis. Natural and forced motions, and

dynamic loading; vibration of elastic bodies. **Prerequisites:** [ENGR3100](#), [ENGR3120](#)

ENGR4150 Heat Transfer (3)

Fundamentals of heat transfer by conduction, convection, and radiation. Applications to heat exchanges, tubes, surfaces, phase changes, and mass transfer. Numerical methods for solving heat transfer problems. Design of equipment involving heat-transfer processes. Steady-state and transient heat conduction; role of convection for internal and external forced flows and in buoyancy-driven flow; thermal radiation processes and properties.

Prerequisites: [ENGR3110](#)

ENGR4200 Microprocessors (3)

Microprocessor architecture, software development tools, and hardware interfacing. Machine and assembly language programming, instruction set, addressing modes, programming techniques, memory systems, I/O interfacing, and interrupt handling with practical application in data acquisition, control, and interfacing. **Prerequisites:**

[COMP2220](#), [ENGR2200](#)

ENGR4200L Microprocessors Laboratory (1)

Prototyping and testing of microprocessor-based systems using a macroassembler and a hardware development board. Concurrent: ENGR4200 **Fees:** Additional fee required.

ENGR4210 Electronics (3)

A study of solid-state diodes, transistors, light emitting diodes, photo diodes and other semiconductor devices. Transistors in basic amplifier circuits. AC equivalent circuit models, frequency response, single and multi-state amplifiers. Differential, power and feedback amplifiers, oscillators and analog building blocks. Linear and non-linear analog circuits including filters, oscillators, phase-locked loops, and waveform generators. Concurrent: ENGR4210L **Prerequisites:** [CHEM2230](#), [ENGR2210](#)

ENGR4210L Electronics Laboratory (1)

Prototyping and testing of electronic components, circuits and analog systems containing diodes, BJT's, FET's, and Op Amps. Concurrent: ENGR4210 **Fees:** Additional fee required.

ENGR4220 Signal Processing (3)

Time-domain and frequency-domain analysis of signals and systems, applications of Fourier series, Fourier transform, and Laplace transform in circuits and systems, Analog filters. Signal sampling and reconstruction. Difference equations, Z-transforms, and the discrete Fourier transform. Fundamentals of digital filters. Introduction to the theory and practice of digital signal processing: discrete-time signals and systems, A/D and D/A conversion, filter design, DSP architecture and implementation. FIR filters, IIR filters, FFT, and implementations. DSP applications using MATLAB and Simulink. **Prerequisites:**

[COMP2220](#), [ENGR2200](#), [ENGR2210](#), [ENGR3400](#)

ENGR4230 Embedded Systems (3)

Hardware and software design of embedded systems with peripheral interfaces, using development boards. Team system design project. Concurrent: ENGR4230L **Prerequisites:**

[COMP2220](#), [ENGR2200](#)

ENGR4230L Embedded Systems Laboratory (1)

Design, implementation and testing of embedded systems, peripheral interfaces. Concurrent: ENGR4230 **Fees:** Additional fee required.

ENGR4250 Electromagnetics (3)

A vector calculus based study of the laws of Gauss, Biot-Savart, Ampere and Faraday; application of the equations of Laplace and Poisson to boundary valued problems. Development of Maxwell's equations for electric and magnetic fields. Electromagnetic properties of materials. Wave equation, plane waves and Lorentz force law. Polarization, Poynting's vector, transmission lines, waveguides, and antenna radiation. **Prerequisites:** [MATH3530](#), [MATH3540](#), [PHYS2120](#)

ENGR4260 Communication Systems (3)

This course covers fundamental concepts in communication systems with an emphasis on digital communications and applied electromagnetics. The goal is to give students an introduction to both the hardware and theory of modern communication systems. Topics include the following: probability, random variables and random processes, deterministic and stochastic signals, noise, baseband and passband digital signal modulation, transmission line theory, introduction to antennas, radio link budgets, M-ary signaling, and selected topics in analog modulation (e.g., amplitude and frequency modulation).

Prerequisites: [ENGR2210](#) **Corequisites:** ENGR4250

ENGR4400 Experiment Design (3)

This course will show how to take an idea for an experiment or measurement and turn it into an executable experiment. Examples of how this was done historically will be studied. In addition, the course will discuss a variety of techniques used for design of experiments (DOE) to make measurements such as, but not limited to, electrical, pressure, temperature, force, and nuclear measurements some of which will be used in the design of actual experiments which will be implemented in the companion laboratory course. The course will show how one would design an apparatus so a desired experiment or set of measurements can be performed. As a final project, students will be required to design their own experiment, build the apparatus, and conduct the experiment. **Prerequisites:** [PHYS2120](#), [ENGR2320](#) or [PHYS2320](#)

ENGR4400L Experiment Design Laboratory (1)

The laboratory course will use the concepts taught in the class to design and build an actual apparatus for doing an experiment or set of measurements. Data will be collected, analyzed, and the apparatus modified as directed by the analyses. Concurrent: ENGR4400.

ENGR4971 Senior Design Project I/Capstone (2)

The first in a sequence of two senior capstone design project courses. Student teams will complete a system design project under the supervision of an industry or mission client. Teamwork, project planning and management, specification, budgeting, design review, prototyping, testing, weekly reporting, project reports, and oral presentations. The deliverables are: Project Proposal, Project/System Requirements Review, and Design Review. **Fees:** Additional fee required. **Prerequisites:** Senior Engineering majors by Instructor's permission.

ENGR4972 Senior Design Project II/Capstone (2)

The second in a sequence of two senior capstone design project courses. Student teams will complete a system design project under the supervision of an industry or mission client. Teamwork, project planning and management, specification, budgeting, design review, prototyping, testing, weekly reporting, project reports, and oral presentations. The

deliverables are: Prototype Review, Final Implementation Review and Design Report for the client. **Fees:** Additional fee required. **Prerequisites:** [ENGR4971](#)

FREN—French

FREN1010 Elementary French (4)

For students who have less than two years of high school French. These courses are designed to be taken in sequence. Objective: to help students acquire an active command of the four basic communication skills (speaking, oral comprehension, writing, reading) in French as well as an awareness of how French language and culture are intimately intertwined. Offered: Alternate years. Fulfills a General Education Level 1 Cross Cultural Experience if taken with FREN1010CC Intercultural Lab 1.

FREN1020 Elementary French (4)

A continuation of FREN1010. For students who have less than two years of high school French. These courses are designed to be taken in sequence. Objective: to help students acquire an active command of the four basic communication skills (speaking, oral comprehension, writing, reading) in French as well as an awareness of how French language and culture are intimately intertwined. Offered: Alternate years. Fulfills a General Education Level II Cross Cultural Experience if taken with FREN1020CC Intercultural Lab 2.

Prerequisites: [FREN1010](#), or equivalent.

FREN2010 Intermediate French (4)

For students who have had at least two years of high school French or one year of college French. This sequence is designed to reactivate and further develop communication skills in French and to enhance cultural awareness of French-speaking cultures and literature. Offered: Alternate years. Fulfills a General Education Level II Cross Cultural Experience if taken with FREN2010CC Intercultural Lab 2. **Prerequisites:** [FREN1020](#), or equivalent.

FREN2020 Intermediate French (4)

A continuation of FREN2010. For students who have had at least two years of high school French or one year of college French. This sequence is designed to reactivate and further develop communication skills in French and to enhance cultural awareness of French-speaking cultures and literature. Offered: Alternate years. Fulfills a General Education Level II Cross-Cultural Experience if taken with FREN2020CC Intercultural Lab 2. **Prerequisites:** [FREN2010](#), or equivalent.

GEOG—Geography

GEOG1050 Introduction to Geography (3)

An introduction to the basic concepts, principles and themes in the discipline of geography. The course also includes an investigation into the unique characteristics of the world's twelve major geographic realms. Special emphasis will be placed on the influence of geography on social, political, environmental, and economic aspects of human development.

GREK—Greek

GREK2110 Elementary New Testament Greek I (3)

A study of the basic elements of New Testament Greek. Grammar, vocabulary, and syntax will be emphasized. The course will include selected readings in the Greek New Testament. Offered: Alternate years.

GREK2120 Elementary New Testament Greek II (3)

A study of the basic elements of New Testament Greek. Grammar, vocabulary, and syntax will be emphasized. The course will include selected readings in the Greek New Testament. Sophomore status and prior foreign language experience are recommended or instructor's permission. Offered: Alternate years. **Prerequisites:** [GREK2110](#)

GREK3010 Intermediate New Testament Greek (2)

A vocabulary review, an introduction to advanced grammar and exegetical principles and methods, and a broad reading of selected New Testament passages. Offered: Alternate years. **Prerequisites:** [GREK2120](#)

GREK4250 Greek Exegesis: Parables of Jesus (2)

An advanced study of selected parables of Jesus in the Greek text. The course will focus on advanced grammar, application of exegetical principles and methods, and utilization of the major scholarly resources for Greek exegesis, applied to these New Testament materials.

Prerequisites: [GREK2120](#)

GREK4310 Greek Exegesis: Luke and Acts (2)

An advanced study of the Gospel of Luke and the book of Acts in the Greek text. The course will focus on advanced grammar, application of exegetical principles and methods, and utilization of the major scholarly resources for Greek exegesis, applied to these New Testament materials. **Prerequisites:** [GREK2120](#)

GREK4330 Greek Exegesis: Pauline Epistles (2)

An advanced study of selected Pauline epistles in the Greek text. The course will focus on advanced grammar, application of exegetical principles and methods, and utilization of the major scholarly resources for Greek exegesis, applied to these New Testament books.

Prerequisites: [GREK2120](#)

HEBR—Hebrew

HEBR2110 Biblical Hebrew I (3)

A study of the basic elements of Biblical Hebrew. Grammar, vocabulary and syntax will be emphasized. Course will include selected readings in prose Biblical Hebrew. Offered: Alternate years.

HEBR2120 Biblical Hebrew II (3)

A study of the basic elements of Biblical Hebrew. Grammar, vocabulary, and syntax will be emphasized. Course will include selected readings in prose Biblical Hebrew. Sophomore status and prior foreign language experience are recommended. Offered: Alternate years

Prerequisites: [HEBR2110](#)

HEBR4410 History of Ancient Israel (2)

An advanced study of one or more books dealing with the history of ancient Israel in the Hebrew text. The course will focus on advanced grammar, application of exegetical

principles and methods, and utilization of the major scholarly resources for Hebrew exegesis, applied to these Old Testament materials. **Prerequisites:** [HEBR2120](#)

HEBR4420 Hebrew Exegesis: Hebrew Prophets (2)

An advanced study of one or more books dealing with the prophets of ancient Israel in the Hebrew text. The course will focus on advanced grammar, application of exegetical principles and methods, and utilization of the major scholarly resources for Hebrew exegesis, applied to these Old Testament materials. **Prerequisites:** [HEBR2120](#)

HIST—History

HIST1030 The World and The West I (3)

Begins with the classical eras, both east and west (ca. 600 BC) and ends in about 1600. The course goal is twofold: to understand both the primary cultural heritages of the world and their growing interconnectedness, and to put the energy and distinctiveness of the Western tradition into perspective with other political worlds and religious world-views.

HIST1040 The World and The West II (3)

Begins in 1600 and proceeds to the present, trying to understand and assess the parallel and increasing interactive developments in the West and other parts of the world. Colonial enterprises of many types interact with indigenous cultures and systems in what we now call "third world" areas. Nation-building with competitive empires affects Europe, Africa and Asia. Very different independence struggles punctuate 19th and 20th century history.

HIST1070 American History Survey (3)

A study of American history from European exploration to the present, with attention to the founding of the United States, the major developments and events, and the role of the citizen in U.S. history. This course is designed for the general student and will not meet major requirements for degrees in history.

HIST2030 Conflict and Consensus: American History to 1877 (3)

An introduction to American history from the period of exploration and colonization to the conclusion of reconstruction. Major themes and events include the European settlement of North America, Native American responses to European development of colonial America, the war for American independence, nation-building in the Early Republic, the development of slavery, Western expansion, and the Civil War and reconstruction.

HIST2040 Conflict and Consensus: American History from 1877 (3)

An introduction to American history from the conclusion of reconstruction to recent times. Major themes include Western expansion, industrialization and urbanization, imperialism, two world wars, American life between the wars, radicalism and revolt, and the post-Cold War world.

HIST3040 "Not the Dark Ages" (3)

An examination and celebration of those who preserved and extended worship, literature and community in most unsettled times, from 500 to 1100 AD. Dynamic centers of energy belie the term "Dark Ages": great families of monks, the Anglo-Celtic passion for spirituality and education, Islamic cities and culture in Spain and rulers like Charlemagne, Alfred the Great and Otto the Great. The course culminates in the remarkable, fertile and energetic 12th century. Offered: Alternate years

HIST3050 Renaissance and Reformation (3)

Beginning with seminal figures and movements in the pivotal 13th century, an exploration of the dynamic economic and cultural flourishing which underlies the long and exciting phenomenon we know best as the Renaissance. Reforms in several versions arise from that energy, culminating in profound changes in the Roman church as well as new long-lived configurations of faith and practice. Impacts upon and developments in political conceptions and practice complete the picture. Offered: Alternate years

HIST3094 Topics in History (2-3)

Offers a thematic approach to historical interpretation. The course may be conducted in a seminar format and may be repeated for credit by permission. Topics will vary.

HIST3210 Social Science Research Methods (3)

The study and application of empirical research methods in the social sciences, with an emphasis on political science. The course will include discussions relating to the philosophy of science, an overview of research designs, the conduct of empirical research, and the organization and preparation of research papers. (See POLS3210.) Offered: Alternate years.

HIST3250 History of American Culture (3)

An examination of the social currents of American thought and culture, emphasizing ideas and concepts that have influenced the development and growth of American institutions and values from the colonial era to the present. General themes include gender values, race relations, and class conflicts. Offered: Alternate years **Prerequisites:** [ENGL1030](#), or instructor's approval.

HIST3330 U.S. Foreign Policy (3)

An in-depth examination of the factors influencing the U.S. as a participant in the international system, especially from the end of World War II to the present. Topics include U.S. foreign policy and ideology, domestic politics and interest groups, public opinion and the media, and historical events considered chronologically. (See POLS3330.) Offered: Alternate years

HIST3390 Recent America (3)

An in-depth exploration of modern America from 1945 to the present emphasizing the political, economic, diplomatic, and social aspects of the period. The course will investigate the origins of the Cold War, McCarthyism, increasing presidential power, the U.S. and the Third World, the civil rights struggle, women's movement, student revolts, Vietnam, Watergate, and the New Right and post-Cold War America. Offered: Alternate years **Prerequisites:** [ENGL1030](#), or instructor's approval.

HIST3440 History of Christianity in America (3)

A study of American Christianity from the colonial period to the present. The course will focus on the varieties of religious experiences in historical context. Included will be such themes as Puritanism, the Great Awakenings, Christian utopias, the Social Gospel, Fundamentalism, and liberation theology. Emphasis will be placed on the mutual influence of religion and American culture. Offered: Alternate years

HIST3480 Modern Europe (1800-Present) (3)

An in-depth exploration of Europe from the political and industrial revolutions of the 18th and 19th centuries through contemporary European society and culture, including 19th century "isms" (romanticism, liberalism, socialism, nationalism, imperialism) and world wars.

HIST3490 Modern Africa (3)

An exploratory survey of African history below the Sahara and from the 18th century to the present. In addition to dealing with the extraordinary historiographic challenges, serious attention will be given to the impact of slaving operations, the persistence of tribal life and loyalties, the effects of colonial government, the movements to independence and the challenge of current situations. Offered: Alternate years

HIST3500 The Dragon and the Rising Sun (3)

Traces the parallel and interlocked histories of China and Japan from 1800 to present. With common cultural factors but very different settings, the response of these two peoples to the challenge of the West to their states and autonomy, as well as issues faced by internal dissension and tension, fills the period of the 19th century. In the 20th century, the extraordinary military and economic strength of Japan and the long struggle to find balance and cohesion fills the story. Finally, the current potential and problems of each people are assessed. Offered: Alternate years

HIST3580 Teaching Social Studies in the Secondary School (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom. (See EDUC3580) **Prerequisites:** Junior classification., Program admission required.

Corequisites: EDUC3750, EDUC3510

HIST3850 British and American Victorians (3)

An exploration of Victorian culture, especially in Great Britain and the United States. Particular attention will be paid to transatlantic networks of social reform, politics, and evangelical faith.

HIST4030 Roman Empire and Christian Community (3)

Explores the parallel development of two parallel "worlds," the imperial system inaugurated by Caesar Augustus and the community launched by Jesus Christ. Roots of each "world," in the Roman Republic and the Jewish heritage, are presented first. The political framework of the Empire then serves as framework as the social history of the Roman people is explored along with economic and religious factors. Offered: Alternate years

HIST4540 American Constitutional History (3)

A survey of United States Constitutional history from its origins to the present. Emphasis is placed on the constitutional system as a whole, rather than on constitutional law as developed by the Supreme Court. The course examines the origins and general principles of constitutional thought, traces its elaboration in the founding and development through the crises over state rights and union in the nineteenth century, the Civil War amendments, controversy over liberty of contract, New Deal intervention and the crisis of the court, the developing doctrine of civil rights and civil liberties, and the growth of the administrative state. Offered: Alternate years

HIST4970 Senior Thesis and Capstone (4)

A two-part requirement for all history majors. The departmental component (Thesis) is an independent research paper of 25-30 pages, which includes demonstration of historical methods and the use of primary sources. It will be written under the supervision of the history faculty. The university component (Capstone) includes a careful evaluation of the

fulfillment of the university outcomes in the growth and experience of the student while at NNU, in discussion and an extended paper of 8-10 pages. **Prerequisites:** Senior standing

HNRS—Honors

HNRS2550 Western Intellectual Traditions I (3)

The course will focus on the Western Intellectual Tradition (WIT) from the time of the Greeks to the 16th and 17th centuries. We begin with Plato and Aristotle and continue with Augustine, Dante, Machiavelli, Cervantes, and Thomas Hobbes. We will examine critically some of the perennial questions of "the human condition," and students will be exposed to some of the foundational texts, ideas, issues, and events that comprise the WIT. Crisis and continuity in the ancient and modern eras will be scrutinized as we evaluate critically the origins and development of the WIT through a close reading of primary texts produced by some of the greatest minds of the WIT. Our purpose, however, is not to worship blindly these texts (which are timely and timeless); rather we seek to subject them to critical analysis befitting the manner in which they were composed. **Prerequisites:** Acceptance into program

HNRS2560 Western Intellectual Traditions II (3)

This course will focus primarily on the Western Intellectual Traditions (WIT) since the sixteenth century. The seventeenth century revolutions in cosmology, science, and philosophy are characterized by a number of important themes, centered around the rise of new epistemologies, methodologies, and sources of authority. In this course, we will look at the following three principal areas of change: the demise of church authority in settling scientific and philosophical questions, the demise of Aristotelian physics, and the revolutionary potential of new scientific and religious thought. We will examine these by looking at major thinkers and events of the period and the impact that each had on the dynamic intellectual evolution of the time. By the late nineteenth century, Modern Western thought was again in crisis, calling into question the foundations of Western political, scientific, and economic power. In the twentieth century, liberal democracy triumphed politically over its competitors, primarily communism and fascism; however, its original philosophical foundations were increasingly untenable. The course will conclude with a critical evaluation of the relationship of faith, philosophy and science in modernity.

Prerequisites: Acceptance into program

HNRS3550 Science and Science Fiction (3)

This course will explore a tiny handful of works by some of the most significant and challenging writers of science fiction--some we may have heard of, and some who are new to us. Through these explorations, we will experience a diversity of literary landscapes, ideas, cultures, and ethnicities, most of them speculative and fictional. Perhaps most interestingly, we will discuss and learn the scientific concepts behind these stories.

Prerequisites: Acceptance into program

HNRS3560 Being Human: Theological and Psychological Reflections (3)

This course will examine what it means to be human from both a theological and a psychological perspective. This is obviously an interdisciplinarian approach to the topic, one that will reap rich benefit for the student. It will show that we are integrated persons and should be considered holistically, not as spiritual beings in opposition to our

psychological and social characteristics. Additionally, this course will examine being human from the perspective of spiritual formation. **Prerequisites:** Acceptance into program

HNRS3970 Honors Thesis Research (0-3)

This course begins the process of creating a quality honors thesis. Students will select their thesis topics, choose their faculty advisers, and develop thesis proposals with their advisers. In this course, students actively begin serious work on their honors theses.

Offered: Fall Semester. **Prerequisites:** Junior standing in the Honors College

HNRS4970 Honors Thesis (0-3)

In this course, students will author the Honors Thesis, an independent, creative, faculty-mentored essay or project that is the culmination of academic work in the Honors College. This course is designed to showcase mastery of content, theory, and methodology specific to each student's academic discipline. In majors that require a thesis or final project, the Honors Thesis will supplement the existing major requirement. **Prerequisites:** Senior standing in the Honors College

HUMN—Humanities

HUMN1010 Cornerstone (3)

This course is intended to help students develop a life-long passion for learning. They will explore the habits of mind of various academic disciplines and discover differing perspectives on the pursuit of knowledge as well as their commonalities and connectedness. Students will be introduced to the four University outcomes, develop skills necessary for a successful college experience, and begin collecting a portfolio to document their learning and track their personal, spiritual, and academic growth throughout their college career.

HUMN4010 Capstone (1)

This course is intended to help students reflect on their undergraduate experience and plan for the future. Students will reflect on what they have learned by reviewing portfolio materials they have collected, habits of mind they have acquired through study of the disciplines, and the development of their ideas about the four University outcomes. Using the education they have acquired, they will begin planning ways to provide effective service and leadership in their families, churches, community, and work. (See CLST4010, CRIM4010, PSYC4010, SOGY4010, SPAN4010)

INTD—Interdisciplinary

INTD3550 Science and Science Fiction (3)

This course will explore a tiny handful of works by some of the most significant and challenging writers of science fiction--some we may have heard of, and some who are new to us. Through these explorations, we will experience a diversity of literary landscapes, ideas, cultures, and ethnicities, most of them speculative and fictional. Perhaps most interestingly, we will discuss and learn the scientific concepts behind these stories.

KINE—Kinesiology

KINE1000 Fundamentals of Wellness (1)

This course is an approach to health and physical education that relates the value of physical activity to the human body. The content of the course will be presented by utilizing lecture and laboratory sessions. The course emphasizes the "holistic" wellness approach to the individual regarding the dimensions of wellness.

KINE1000L Fundamentals of Wellness Laboratory (0)

This course is designed to allow students to assess personal health benchmarks related to overall wellness including: body composition, cardiorespiratory fitness, muscular strength, endurance and flexibility, skill related fitness, and blood lipids analysis. Students will develop a personal wellness program based on personal health assessments.

KINE1010 Adapted Physical Education (1)

This course offers students who have deficiencies an opportunity to correct and overcome them as well as a chance to learn skills and recreational activities which are adapted to their particular conditions. Emphasis is given to individual guidance and healthy attitude development through this course. This course fulfills one general education KINE activity requirement.

KINE1020 Heart Healthy Activities (1)

Wellness activities of adult fitness such as: aerobic fitness, cycling, life guarding, physical fitness, yoga, core fusion, Taekwondo, skiing, swimming (intermediate), jogging/walking, and water fitness. Two activities will be offered per semester. This course fulfills the general education KINE activity requirement. May be repeated for elective credit but not for general education credit. **Fees:** Additional fee required.

KINE1030 Lifetime Sport Activities (1)

Introductory skill, rules and play of a selected activity such as: archery, backpacking, badminton, bowling, golf, racquetball, rock climbing, soccer, softball, swimming (beginning), tennis, weight training, and volleyball (beginning and intermediate). Two activities will be offered per semester. This course fulfills the general education KINE activity requirement. May be repeated for elective credit but not for general education credit. **Fees:** Additional fee required.

KINE1040 Outdoor Activities (1)

Outdoor recreation and leisure selected activities such as: climbing, skiing, riflery, archery, challenge course, survival/search and rescue, wilderness backpacking, scuba, horsemanship and cycling/mountain biking. Open to all students, but does not fulfill the KINE general education requirements. **Fees:** Additional fee required.

KINE1310 Introduction to Recreation and Kinesiology (3)

An introductory course for majors in the field of health, kinesiology, recreation, or athletic training. Emphasis is placed on history, objectives, philosophy and careers within the profession.

KINE1960 Clinical Observation (1)

A field-based observational experience which enhances first hand practical knowledge in either a physical therapy or athletic training setting.

KINE2094 Topics in Kinesiology (1-4)

A course designed for those planning to enter the field of health, kinesiology, athletic training or recreation. Current issues will be addressed in health, physical education and recreation that have not been covered in other courses. May be repeated for credit.

KINE2410 Introduction to Athletic Training and Physical Therapy with Laboratory (3)

An introductory course for students interested in athletic training or physical therapy. Emphasis will be placed on basic anatomy and exposure to career opportunities. Laboratory will coincide with lecture about joint structure, evaluation, taping and support techniques. **Fees:** Additional fee required.

KINE2430 Health Issues in Today's Society (3)

Emphasis is on major health issues and problems of adolescent and college age students including: drugs, alcohol and tobacco, human sexuality, STD's, mental health, consumer health, infectious and noninfectious diseases, and environmental health.

KINE2500 Fitness Activities (1)

A practical application of military style fitness adapted for any students who wish to improve their overall physical fitness level. Emphasis is on cardiovascular and upper body development. May be counted as one KINE heart healthy activity. May be repeated for up to 12 credits. This course fulfills the general education KINE activity requirement.

KINE2640 Kinesiology Majors Activity Laboratory (1)

Sports activity laboratory for Department of Kinesiology majors only; emphasis is on sports skills, development and teaching techniques. A variety of activities will be covered, including: soccer, football, aerobic fitness, racketsports, fitness testing/fitness prescription, movement-rhythms, softball, volleyball, track and field, basketball, weight training, tennis and challenge course. Majors will take 4 credits; fulfills one KINE majors general ed requirement.

KINE2700 Leadership in Outdoor Recreation (3)

This course introduces the history of outdoor leadership, resources, program planning, and design and management. An emphasis on outdoor leadership theory and understanding group facilitation and teaching strategies will be central focus of the course. Successful completion prepares a student to design and lead outdoor educational activities.

KINE2730 Nutrition Across the Lifespan (2)

A basic course surveying the nutrients required by the human body and their assimilation, function, deficiency and food sources. Course will include a study of proper dietary intake throughout the life cycle, emphasizing the importance of nutrition to good health. Includes clinical application.

KINE2750 Outdoor Pursuits (2)

Fundamental skills and instructional techniques for outdoor educational activities. Also includes outdoor equipment use and safety emphasis. Fulfills one general education lifetime activity requirement. **Fees:** Additional fee required.

KINE2760 Intercollegiate Athletic Participation (1)

Participation in intercollegiate athletics. May be taken by athletes, managers, athletic trainers, statisticians, and cheerleaders. May be repeated for a maximum of eight credits: one credit per sport per year and a maximum of two credits per year.

KINE2770 HH: Competitive Athletics (1)

This course is designed to meet the general education activity requirement by participation in collegiate competitive athletics. Students must be a member of a college level program and track weekly activity levels. Completion requires performing an activity analysis that compares and contrasts activity levels to the Surgeon General's guidelines for physical activity for Americans.

KINE2850 Camp Administration and Outdoor Education (2)

An introduction to the philosophy, methods and skills necessary for outdoor leaders, along with instruction techniques in outdoor equipment use and safety emphasis. Experiences are provided in various outdoor educational settings.

KINE2900A Outdoor Skills - Water (2)

Course is designed to introduce and develop skills associated with boating, watersports and recreational activities that are water related. Course focuses on boating safety, boating laws, water safety, water rescue, paddling techniques, and float plans. Course includes visit to local fish hatchery, and travel to local lakes and rivers including practice with canoes, kayaks and stand up paddle boards as part of the course. **Fees:** Additional fee required.

KINE2900B Outdoor Skills - Land (2)

Course is designed to develop skills associated with outdoor activities on land. Course covers topics in orienteering, GPS, leave no trace principles, camping, hiking, trip planning, and essential survival skills. Students will be required to participate in evening or weekend activities or planned trips to practice skills and techniques taught in class. **Fees:** Additional fee required.

KINE2900C Outdoor Skills - Snow (2)

This course combines classroom knowledge and field experience in the areas of snowshoe, cross country skiing, downhill skiing and snowboarding along with safety and leave no trace principles with these activities. The student will be required to participate in evening or weekend trips to participate in skill experiences. **Fees:** Additional fee required.

KINE2960 Field Experience in Kinesiology (1)

Designed to provide an introductory experience as a leader in various health, kinesiology, and recreational settings. Students will receive experience as a teaching assistant in a Fundamentals of Wellness Laboratory setting by administering and interpreting wellness/health assessments.

KINE3350 Teaching School Health (2)

Course is designed to provide knowledge in three divisions of health education: healthful living, school health services, and health education. Topics include recognition of health issues of children and adolescents, (K-12) with opportunity to develop competencies in handling methods and teaching techniques. Includes a 20 hour field experience. (See EDUC3350) **Prerequisites:** Junior classification., Program admission required.

Corequisites: EDUC3750, EDUC3510

KINE3360 Teaching Physical Education in the Secondary Schools (2)

Course will cover strategies appropriate to this subject field, instructional materials and tools, and curricular structure common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom. **Prerequisites:** Junior classification., Program admission required.

Corequisites: EDUC3750, EDUC3510

KINE3370 Teaching Health in the Elementary Schools (1-2)

This course will serve as an introduction to health education and will acquaint the teacher with contemporary concepts for teaching health in the elementary school. Emphasis will be on learning and identifying health needs in the elementary school population.

KINE3380 Teaching Physical Education in the K-8 Schools (2)

This course introduces students to the basic principles of physical education for children in grades kindergarten through eight. Emphasis will be placed on the development of systematic physical education programming. Students will participate in simulated teaching experiences and/or field observations. (See EDUC3380)

KINE3440 Advanced Athletic Training (3)

A study of advanced theory in the techniques of athletic training that are necessary for the professional athletic trainer. Topics include recognition and understanding of identification, and care and rehabilitation of specific injuries. Particular emphasis is placed upon the proper use of various therapeutic modalities. Offered: Alternate years.

Prerequisites: [KINE2410](#)

KINE3560 Psychology and Techniques of Coaching (3)

A study of the psychological implications of dealing with the student athlete in areas of motivation and performance. Coaching techniques in various sports and mentor experiences will be covered.

KINE3600 Motor Development and Motor Learning (2)

A study of movement education in the areas of motor behavior, motor development and learning theories. Movement patterns throughout the various life spans, psycho-motor and perceptual-motor development are covered in the course.

KINE3630 Corrective and Adaptive Physical Education (2)

A course designed to help the students to develop understanding of the special needs child, including opportunity for learning to recognize defects, limitations, capacities and problems. Students are taught to develop individual educational programs for special needs children.

KINE3640 Physiology of Exercise (3)

This course studies the effects of exercise and training on various body systems. A study of how energy sources are derived and utilized by the body, the principles of training and developing training programs. Labs included within the coursework will focus on a study of clinical exercise testing and data collection.

KINE3650 Biomechanics (3)

A study of the mechanical principles and external and internal forces involved in human movement and athletics. Emphasis on the application of mechanical principles in sport technique and how to evaluate sport skills quantitatively and qualitatively. Labs within the course study mechanical principles, description of motion and use of technology in analyzing movement.

KINE3960 Field Experience in Kinesiology/Recreation (1)

Designed to provide an advanced experience as a leader in various health, kinesiology or recreational settings. May be repeated for credit in a different setting.

KINE4094 Special Topics in Kinesiology (1-4)

Topics relating to Health, Physical Education, Athletic Training, or Recreation not ordinarily covered in other courses. **Fees:** Additional fee required.

KINE4520 Tests and Measurements in Physical Education (3)

Course introduces the use of tests, measurement and evaluation in physical education classes. Topics include teacher and program evaluations, selection, administration, construction and evaluation of skill and written examinations.

KINE4560 Administration & Supervision of HPERD (3)

This course is designed to serve as an introduction to the techniques of administration and supervision in kinesiology and athletics. Emphasis is given to leadership theory, principles of sport training, current issues, and preparation for entry level employment.

KINE4860 Recreation Management and Facilities Planning (3)

Development of skills and techniques necessary for successful leadership in municipal and school recreational programs and includes the study of trends, problems and interrelationships of community agencies. Offered alternate years.

KINE4950 Internship in Athletic Training (1)

Practical application of the theory of training technique in a variety of settings. Training skills and principles may be applied to achieve the established goal of prevention and care of athletic injuries.

KINE4960A Recreation and Sport Internship (3)

Practical experience in planning, leading, supervising and evaluating recreation programs while working in a specific situation under qualified personnel. May be repeated for credit once.

KINE4960B Recreation and Sport Internship (3)

Practical experience in planning, leading, supervising and evaluating recreation programs while working in a specific situation under qualified personnel. May be repeated for credit once.

KINE4970 Kinesiology Senior Capstone (1)

Capstone course that helps kinesiology majors prepare for graduation and transition into the profession on a variety of levels (employment, graduate school, etc). This course is the culminating academic experience that is intended to bring together the kinesiology major's knowledge and experiential base. The course is intended to help majors be reflective and thoughtful relating to their academic, social, spiritual and professional development at Northwest Nazarene University.

MATH—Mathematics

MATH0900 Essential Mathematics (3)

Whole numbers, fractions and mixed numbers, decimals, ratio, proportion, percent, measurement, geometry, introduction of algebra, solving equations, and statistics. This is a credit/no credit course. Receiving credit for this course prepares the student to take MATH1100 or MATH2240. Credit for courses numbered below 1000 is not transferable.

MATH0950 Intermediate Algebra (3)

Linear equations and inequalities, graphing lines, systems of equations, exponents, polynomials, factoring, radicals, complex numbers, and the quadratic formula.

Prerequisites: Pass [MATH0900](#), an ACT Math score of 21 or higher, or and SAT Math score of 570 or higher, or an Accuplacer Elementary Algebra score of 74 or higher; or Instructor's permission. Students must verify they have met the prerequisites on the first day of class.

This is a credit/no credit course. Receiving credit for this course prepares the student to take [MATH1300](#). Credit for courses numbered below 1000 is not transferable.

MATH1100 Liberal Arts Mathematics (3)

Students will explore mathematical ideas and logical reasoning. This class will look at mathematical applications in life which may include topics such as statistics, fair voting schemes, prime numbers, and modular arithmetic. Students will also develop their own insights and theorems through the exploration of mathematical patterns. The content of the class may vary each semester. The course is designed for non-science majors. The course satisfies the general education mathematics competency requirement.

Prerequisites: ACT Math score of 21 or higher, or SAT Math score of 570 or higher, or Accuplacer Elementary Algebra score of 74 or higher.

MATH1300 College Algebra (3)

Topics include polynomial arithmetic, synthetic division, zeroes of polynomials, systems of linear equations, matrices and matrix multiplication. Students must verify prerequisites the first day of class. **Prerequisites:** ACT Math score of 23 or higher, or SAT Math score of 600 or higher, or Accuplacer Elementary Algebra score of 117 or higher, or Accuplacer College Level Math score of 50 or higher, or instructor's permission. This course prepares students to take [MATH1400](#) and [MATH2510](#).

MATH1400 Trigonometry (3)

Topics include the study of the trigonometric functions, plane trigonometry, and analytic trigonometry. Students must verify prerequisites the first day of class. **Prerequisites:** [MATH1300](#) (a grade of C or better), an ACT Math score of 26 or higher, or an SAT Math score of 670 or higher, or an Accuplacer College Level Math score of 60 or higher, or instructor's permission. This course prepares students to take [MATH2510](#).

MATH1510 Survey of Calculus (3)

The concepts of calculus are emphasized. All concepts are considered from the intuitive point of view. Applications are drawn primarily from business, economics, and population models. Trigonometric functions are not considered. Students must verify prerequisites the first day of class. **Prerequisites:** [MATH1300](#) (a grade of C or better), or an ACT Math score of 26 or higher, or and SAT Math score of 670 or higher, or an Accuplacer College Level Math score of 60 or higher, or instructor's permission.

MATH2010 Fundamental Mathematical Structures I (3)

Includes problem solving and mathematical reasoning, sets, relations and functions, numeration, the system of whole numbers, integers and rational numbers, and number theory. Laboratory activities are included. **Prerequisites:** [EDUC1100](#), Math ACT score of 21 or higher, or SAT Math score of 550 or higher, or Accuplacer Elementary Algebra score of 74 or higher, or instructor's approval.

MATH2020 Fundamental Mathematical Structures II (3)

Includes probability and statistics, basic geometric concepts and measurement, constructions, congruence, similarity and transformations. Laboratory activities are included. **Prerequisites:** [MATH2010](#), or instructor's approval.

MATH2240 Elementary Statistics (3)

Introduction to statistical terminology and basic concepts, including common uses and misuses of statistics. Topics include experimental design, sampling, descriptive statistics, correlation and regression, probability, and tests of significance. This is a valuable course

for students in all majors. This course satisfies the general education mathematics competency requirement. Students must verify prerequisites the first day of class.

Prerequisites: ACT Math score of 21 or higher, or SAT Math score of 570 or higher, or Accuplacer Elementary Algebra score of 74 or higher, or credit for [MATH0900](#), or instructor's permission.

MATH2310 Discrete Mathematics (3)

An introduction to graph theory, logical operators, mathematical induction, enumeration and Boolean algebra. Students must verify prerequisites the first day of class.

Prerequisites: [MATH1300](#) (a grade of C or better).

MATH2510 Calculus I (4)

Limits, derivatives, integration and applications of the derivative, applications of integrals, integration techniques, logarithmic, exponential, trig and inverse trig functions. Students must verify prerequisites the first day of class. **Prerequisites:** [MATH1400](#) (a grade of C or better), an ACT Math score of 28 or higher, or an SAT Math score of 710 or higher, or an Accuplacer College Level Math score of 103 or higher, or instructor's permission.

MATH2520 Calculus II (4)

Infinite series, vectors, partial differentiation, multiple integrals. Students must verify prerequisites the first day of class. **Prerequisites:** [MATH2510](#)

MATH3094 Topics in Mathematics (1-4)

Intensive study of one topic.

MATH3280 Modeling and Operations Research (3)

A survey of fundamental operations research techniques. Emphasis is given to the linear programming model. Other topics will be chosen from network models, decision analysis, queuing theory and dynamic programming. Offered: Alternate years **Prerequisites:** [MATH1300](#) or [MATH3320](#).

MATH3310 Introduction to Abstract Mathematics (3)

Logic, mathematical induction, sets, equivalence relations and equivalence classes, and order relations are studied. Emphasis is given to constructing sound mathematical arguments. **Prerequisites:** [MATH2310](#) or [MATH2510](#), or instructor's approval.

MATH3320 Linear Algebra (3)

A study of vector spaces, linear transformations, matrices, determinants and system of equations. Special attention is given to the connection between linear transformations and matrices. Offered: Alternate years **Prerequisites:** [MATH1300](#) or [MATH2510](#).

MATH3410 Modern Geometry (3)

A review of Euclidean Geometry is followed by a wider view of geometry. Topics may include hyperbolic geometry, finite geometries and metric geometries other than Euclidean. Offered: Alternate years **Prerequisites:** [MATH1400](#) or [MATH2510](#), or instructor's approval.

MATH3530 Calculus III (4)

A study of Euclidean space and the calculus of functions on this space. In particular vector fields with the operators curl and divergence as well as the integral calculus involving line and surface integrals. Green's Theorem, Stokes Theorem, and Gauss' Theorem are further topics to be studied. Students need to verify they have the prerequisite the first day of class.

Prerequisites: [MATH2520](#)

MATH3540 Differential Equations (4)

A first course in ordinary differential equations. Linear algebra will be introduced for systems of linear differential equations. Students need to verify they have the prerequisite the first day of class. **Prerequisites:** [MATH2520](#)

MATH3560 Numerical Analysis (3)

Numerical solution of algebraic and transcendental equations and systems of linear equations, interpolation, finite differences, numerical differentiation and integration and solution of differential equations. Emphasis on methods most adaptable for computer use. **Prerequisites:** [MATH2520](#), Recommended: [MATH3540](#) and a programming language.

MATH4100 History of Mathematics/Capstone (1)

A study of the emergence of numeration methods, the invention of new mathematical systems, the development of geometry, algebra, calculus and related concepts, and the life stories of some of the persons involved. May be repeated for credit. **Prerequisites:** [MATH2510](#)

MATH4240 Probability and Statistics I (3)

Study of combinatorial analysis, probability, random variables and their distributions, estimation, statistical inference, regression and correlation, and analysis of variance. Students must verify prerequisites the first day of class. **Prerequisites:** [MATH2520](#)

MATH4250 Probability and Statistics II (3)

A continuation of MATH4240 Probability and Statistics I. Students must verify prerequisites the first day of class. **Prerequisites:** [MATH4240](#)

MATH4320 Modern Algebra (4)

The similarities between the algebraic structures arising in the study of number systems, modular arithmetic and polynomial operations will be used to introduce the study of groups, rings, fields, and their mapping. These structures will be applied to number theoretic and geometric problems. Offered: Alternate years **Prerequisites:** [MATH3310](#) or [MATH3320](#), or instructor's approval.

MATH4330 Modern Algebra (2)

A continuation of MATH4320 Modern Algebra. Offered: Alternate years **Prerequisites:** [MATH4320](#)

MATH4510 Introduction to Real Analysis (4)

Course one of a two-course sequence in the theory of calculus. Topics include limits, continuity, derivatives, integrals, sequence, series and series of function. An introduction to metric topology is given. Offered: Alternate years **Prerequisites:** [MATH2520](#), [MATH3310](#)

MATH4520 Introduction to Real Analysis (2)

A continuation of MATH4510. Offered: Alternate years **Prerequisites:** [MATH4510](#)

MDLG—Modern Languages**MDLG1094 Topics in Modern Language (1-3)**

Offered on rotation, introductory modern language topics courses are taught in multiple languages. Chinese, Japanese, Arabic, American Sign, and other languages of particular relevance to the core curriculum may be offered as topics courses. Students will acquire basic vocabulary, sounds, and structures through an emphasis on conversation. Modern language courses also provide an introduction to cultures and cultural studies. May be repeated for credit.

MDLG2094 Topics in Modern Language (1-3)

Offered on rotation, introductory modern language topics courses are taught in multiple languages. Chinese, Japanese, Arabic, American Sign, and other languages of particular relevance to the core curriculum may be offered as topics courses. Students will acquire basic vocabulary, sounds, and structures through an emphasis on conversation. Modern language courses also provide an introduction to cultures and cultural studies. May be repeated for credit.

MILS—Military Science

MILS1010 Introduction to Military Science and Leadership (1)

An introduction to ROTC, military customs and traditions, benefits of Army Service and basic military skills. Laboratory consists of participation in leadership exercises, introduction to land navigation, adventure training, rifle marksmanship, and basic First Aid.

MILS1020 Foundations of Leadership (1)

A continuation of Introduction to Military Science and Leadership. **Prerequisites:**

[MILS1010](#)

MILS2010 Innovative Team Leadership (2)

An overview of Military Leadership which prepares students for ROTC advanced courses. Classroom and laboratory instruction includes: leadership, land navigation, adventure training, oral and written communications, responsibilities of Army officers, and other general military subjects. Course is designed to aid future leaders in acquiring effective skills for influencing others, with particular reference to positions of military leadership.

MILS2020 Military Leadership (2)

A continuation of learning leadership skills with continuing emphasis on professional development through land navigation, first aid, marksmanship, and other military skills. Laboratory consists of progressive participation in leadership exercises, adventure training, and tactical operations.

MILS2500 Military Style Fitness (1)

A practical application of military style fitness adapted for any students who wish to improve their overall fitness level. Emphasis is on cardiovascular and upper body development. May be repeated for up to 12 credits.

MILS2900 Military Science Practicum (6)

A field based introduction to military subjects such as land navigation, map reading, marksmanship, and leadership. Practicum is a four-week Leadership Training course at Fort Knox, Kentucky. The course fulfills MILS1010, 2010, 2020, and ROTC program requirements. Students may also earn a two-year scholarship while completing this course. The NNU Army ROTC advisor determines enrollment eligibility.

MILS3010 Adaptive Team Leadership (3)

A study of basic Army tactics and leadership skills required to increase poise and confidence for military trainers and leaders. Students learn the techniques of effective counseling, training, and leadership in a military environment. Laboratory consists of progressive participation in advanced leadership exercise and practical application of basic tactics and leadership skills. **Prerequisites:** [MILS1010](#), [MILS1020](#), [MILS2010](#), [MILS2020](#), or [MILS2900](#)

MILS3020 Leadership in Changing Environments (3)

A continuation of MILS3010. Refines the fundamentals of small unit combat operations and basic leadership skills. Prepares students for success in MILS3900, the Leader Development and Assessment Course (LDAC) at Fort Lewis, Washington. Laboratory consists of practical application of the basic soldier and leader skills studied in class including conceptualizing, decision making, communication, planning, executing, and assessing in a tactical environment. **Prerequisites:** [MILS3010](#)

MILS3900 Leadership Practicum in a Culturally Diverse Environment (6)

A field based course which provides students with the opportunity to apply the leadership and soldier skills they have learned on campus. Students will work with and provide leadership to culturally diverse groups of people. The course is completed at the thirty day Army ROTC cadet summer training at Fort Knox Army Post in Kentucky. Note: This course is required for all contracted students and is usually completed during the summer between junior and senior years. Fulfills a General Education Level II Cross-Cultural Experience if taken with MILS3900CC Intercultural Lab Level 2. **Prerequisites:** [MILS3010](#)

MILS4010 Developing Adaptive Leaders (3)

An investigation of ethics and human relations, counseling techniques, military service in today's society, obligations and responsibilities of an officer on active duty, and coordination and operation of the military team. Students evaluate leadership potential of lower classmen and are responsible for planning and executing laboratory training. Prepares the prospective Army Officer for initial Army Assignment. **Prerequisites:**

[MILS3010](#), [MILS3020](#)

MUSC—Music

MUSC0200 Master Class (0)

Weekly one-hour recital and workshop required of music majors.

MUSC0250 Concert/Recital Attendance (0)

Music majors are required to attend a minimum of 10 concerts and recitals each semester, providing exposure to a wide variety of performances and repertoire.

MUSC0900 Fundamentals of Music (2)

Topics include music reading and conceptualizing, treble and bass clef notation, simple and compound time signatures, rhythmic notation, melodic notation, sol-fège singing, and Finale note entry software use. This class is required for those scoring below 75% on the Basics of Music pre-test. Offered Quad 1 fall semester. Credit for courses numbered below 1000 is not transferable. **Corequisites:** MUSC1210

MUSC1010 A Survey of Art and Music (3)

An introduction to the stylistic characteristics and cultural climate of the important artistic epochs in history. Includes both the western and the non-western traditions. (See ARDE1010).

MUSC1200 Beginning Music Theory (2)

An introduction to the fundamentals of harmony and the use of analysis as the central activity in the study of music theory. **Prerequisites:** [MUSC0900](#), or instructor's approval.

Corequisites: MUSC1210

MUSC1210 Beginning Music Theory Laboratory I (1)

An introduction to and application of aural skills, including sight-singing, rhythmic dictation, melodic and harmonic dictation. **Corequisites:** MUSC1200

MUSC1220 Beginning Music Theory II (3)

A further study and application of the fundamentals of harmony and the use of analysis as the central activity in the study of music theory. **Prerequisites:** [MUSC1200](#) **Corequisites:** MUSC1230

MUSC1230 Beginning Music Theory Laboratory II (1)

A further study and application of aural skills, including sight-singing, rhythmic dictation, melodic and harmonic dictation. **Prerequisites:** [MUSC1200](#) **Corequisites:** MUSC1220

MUSC1260 Fundamentals of Acting (3)

A course designed to acquaint the student with the fundamental skills necessary to acting and to explore the basic elements of the actor's art. This course will explore the physical, vocal, intellectual, and technical aspects of acting in a format that encourages freedom of imagination and personal growth. Offered: Every Fall.

MUSC1270 Introduction to Directing (3)

The study of the basic techniques of stage direction including play analysis, director/actor and director/designer communication, and technical problems of movement, composition, picturization, and blocking. Students will practice the craft by presenting in-depth research and script analysis and directing scene work. Offered: Alternate Spring Semesters.

MUSC1310 Digital Music and Technology (3)

An introduction to computer and sound technologies used in church, studio, classroom, and performing venues. Technologies will include applications in office-suite (word processing, data base, presentation, spread sheet), musical notation, musical composition, accompaniment, and digital recording as well as hands-on work in mixing and sound reinforcement.

MUSC2094 Special Topics (1-3)

A concentrated study of one topic in music. May be repeated for credit. **Prerequisites:** Instructor's approval

MUSC2096 Field Experience in Church Music (1)

Course is an overview of the ministry and work of a church worship pastor. During a 30-hour field experience the student, the music department supervising faculty member, and the cooperating local church music leader will coordinate for weekly meetings and assignments. Course is designed for observation and hands-on experience in music ministry in the church.

MUSC2110 Introduction to Music Ministry and Leadership (2)

An introductory course dealing with the call to ministry through music. Topics include fundamental philosophies of music in the church, current issues and practical considerations of a career in the church today. Offered: Alternate years; normally offered fall odd numbered years.

MUSC2200 Intermediate Music Theory I (3)

Study of harmony and analysis including modulation, romantic harmony, enharmonic functions, elementary forms and 20th century techniques. **Prerequisites:** [MUSC1230](#), [MUSC1220](#) **Corequisites:** MUSC2210

MUSC2210 Intermediate Music Theory Laboratory I (1)

Study and application of aural skills, including sight-singing, rhythmic dictation, four-part dictation and advanced harmonic dictation. **Prerequisites:** [MUSC1220](#), [MUSC1230](#)

Corequisites: MUSC2200

MUSC2220 Intermediate Music Theory II (3)

Further study of harmony and analysis including modulation, romantic harmony, enharmonic functions, elementary forms and 20th century techniques. **Prerequisites:** [MUSC2200](#), [MUSC2210](#) **Corequisites:** MUSC2230

MUSC2230 Intermediate Music Theory Lab II (1)

Further study and application of aural skills, including sight-singing, rhythmic dictation, four-part dictation and advanced harmonic dictation. **Prerequisites:** [MUSC2200](#), [MUSC2210](#) **Corequisites:** MUSC2220

MUSC2240 Improvisation (3)

Group study and exercise of improvisation. Students will explore jazz, blues, classical, and popular styles. May be repeated for credit. Offered: Alternate years, normally offered fall even numbered years. **Prerequisites:** Instructor's approval

MUSC2250 Private Music Instruction in Instrument or Voice (1-2)

Private instruction in piano, voice, organ, strings, percussion, woodwind or brass instruments. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

MUSC2251 Private Music Instruction in Instrument or Voice for the Music Major (1-2)

Private instruction in piano, voice, organ, strings, percussion, woodwind or brass instruments. Weekly 30 or 60 minute lesson, weekly Master Class and jury examination required. May be repeated for credit. **Fees:** Additional fee required.

MUSC2260 Advanced Acting (3)

A continuation of Fundamentals of Acting, this course is designed to further explore the actor's art, and continue to develop the individual's technique. Offered: Alternate Spring Semesters. **Prerequisites:** [MUSC1260](#), or instructor's approval.

MUSC2350B Brass Methods (1)

Private or group instruction on one high and one low brass instrument, emphasizing the requisite skills to direct school instrumental programs. Offered: Alternate years, normally offered spring odd number years. **Fees:** Additional fee required.

MUSC2350P Percussion Methods (1)

Private or group percussion instruction emphasizing the requisite skills to direct school instrumental programs. Offered: Alternate years, normally offered spring even number years. **Fees:** Additional fee required.

MUSC2350S String Methods (1)

Private or group instruction on two string instruments emphasizing the requisite skills to direct school string programs. Offered: Alternate years, normally offered fall even number years. **Fees:** Additional fee required.

MUSC2350W Woodwind Methods (1)

Private or group instruction on two woodwind instruments emphasizing the requisite skills to direct school instrumental programs. Offered: Alternate years, normally offered fall odd numbered years. **Fees:** Additional fee required.

MUSC2370 Bella Voce (0-1)

Women's choir whose membership is open to non-majors as well as majors. Personnel chosen by audition. May be repeated for credit. **Fees:** Additional fee required.

Prerequisites: Instructor's approval

MUSC2371 University Men's Choir (0-1)

Audition for placement in appropriate section. Choir sings in music department concerts, chapels, and selected churches and community events. May be repeated for credit **Fees:** Additional fee required.

MUSC2420 Musical Theatre Production/Opera Workshop (0-1)

Hands-on involvement in the performing of an opera, opera scenes, or a Broadway musical, including acting, singing, choreography, stage lighting and set construction. May be repeated for credit. **Prerequisites:** Instructor's approval

MUSC2430 Jazz Revival (0-1)

A jazz ensemble with vocalists and instrumentalists chosen by audition, with a broad repertoire of jazz and popular music. Membership open to non-majors as well as majors.

Fees: Additional fee required. **Prerequisites:** Instructor's approval

MUSC2440 Orchestra (0-1)

Membership open to non-majors as well as majors. May be repeated for credit.

Prerequisites: Instructor's approval

MUSC2450 Chamber Ensemble (0-1)

A course designed for students ready to participate in a small chamber group. Membership open to non-majors as well as majors. May be repeated for credit. **Prerequisites:** Instructor's approval

MUSC2451 Jazz Ensemble (0-1)

A course designed for students ready to participate in a jazz ensemble setting. Membership open to non-majors as well as majors. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

MUSC2460 Concert Band (0-1)

Most woodwind, brass, and percussion instruments are represented in the Concert Band. Membership is open to majors and proficient non-majors. May be repeated for credit. Initial auditions each year are primarily for chair placement. **Fees:** Additional fee required.

Prerequisites: Instructor's approval

MUSC2470 Troupe (0-2)

Auditioned ensemble which will form the core of NNU's theatre production. Members commit to a twice-weekly meeting time designed to foster ensemble and to build, staff and act in the production season. Production responsibilities will be assigned through consultation between the student and instructor. Intended for the student who wants a more intense and immersive experience in theatre production than participation in a play or musical can provide. May be repeated for credit. **Prerequisites:** Audition.

MUSC2480 Theatre Production (0-1)

Hands-on involvement in the performing of a theatrical production, including acting, costuming, stage lighting, set construction and theatre management. May be repeated for credit. **Prerequisites:** Instructor's approval

MUSC2490 Crusader Choir and Orchestra (0-1)

An ensemble of select personnel chosen by audition. Ensemble's aims are to perform a variety of choral/orchestral literature from classical to contemporary. Membership open to majors and non-majors. May be repeated for credit. **Fees:** Additional fee required.

Prerequisites: Instructor's approval

MUSC2950 Field Experience in Music Management I (1)

Hands on experience managing a large ensemble through a tour, managing several small ensembles in small venue performances, or managing a large event like a festival or artist-in-residence visit. Management considerations include logistics, budgets, travel, housing and equipment needs for a variety of music groups. May be repeated for credit.

MUSC2951 Field Experience in Music Management II (1)

Hands-on experience coordinating marketing and logistics between campus departments for multiple performance venues. Management considerations include calendar, scheduling, communications and equipment needs for a wide variety of music performances. May be repeated for credit.

MUSC3150 Music Technology Lab (1)

Hands-on experience creating and maintaining a variety of computer and electronic music equipment systems. Taught in conjunction with existing courses in music technology. May be repeated for credit.

MUSC3200 Practicum in Worship Planning and Leadership (3)

A practical approach to the preparation for and leadership of music in varied worship settings. Includes traditional, evangelical, contemporary, and liturgical settings. Students will learn to create worship services using appropriate selections for varied situations, work with various types of accompaniment, and lead congregational music.

MUSC3210 Orchestration (3)

A study of the orchestral instrument families and exercises in writing scores for instrumental ensembles. Emphasis is placed upon full orchestra with secondary attention given to small ensembles and the special needs of school performing groups. Offered: Alternate years, normally offered fall even numbered years. **Prerequisites:** [MUSC2220](#), [MUSC2230](#), or instructor's approval.

MUSC3220 Counterpoint (3)

A study of 18th century counterpoint with emphasis on its influence on polyphonic writing of the 20th century. Offered: Alternate years, normally offered spring odd numbered years.

Prerequisites: [MUSC2220](#), [MUSC2230](#)

MUSC3230 Composition (3)

The writing of original compositions, beginning with the song form and proceeding through the sonata form with emphasis given to stylistic elements. Offered: Alternate years, normally offered spring even numbered years. **Prerequisites:** [MUSC2220](#), [MUSC2230](#), or instructor's approval.

MUSC3260 Music History: Medieval, Renaissance and Baroque (3)

An introduction to music literature from ancient times to 1750.

MUSC3270 Music History: Classic, Romantic and Modern (3)

An introduction to music literature from 1750 to the present.

MUSC3430 Performance Practices (1)

Development and improvement of skills leading to effective stylistic comparison and evaluation of live and recorded musical performances.

MUSC3440 Diction (3)

A study of Italian, German, French, and English diction employing the International Phonetic Alphabet. Offered: Alternate years, normally offered fall odd numbered years.

MUSC3450 Teaching Music in the Elementary Schools I (2)

This class focuses on the major approaches to music education including Kodaly, Orff, Gordon's music Learning Theory, Dalcroze, and Suzuki. This course includes a field experience. Offered: Alternate years, normally offered fall odd numbered years.

Prerequisites: Junior classification., Program admission required. **Corequisites:**

MUSC3460

MUSC3460 Teaching Music in the Elementary Schools II (2)

This class focuses on the application of the learning theories presented in MUSC3450, procedures, and objectives in school music in the primary and intermediate grades. This course includes a classroom field experience and technology intensive lesson component.

Offered: Alternate years, normally offered fall odd numbered years. **Prerequisites:**

Program admission required. **Corequisites:** MUSC3450

MUSC3470 Teaching Music in the Secondary Schools I (2)

This class focuses on strategies for instrumental/choral rehearsals and classrooms, materials, tools, and curricular structure common to the subject in the secondary schools.

Prerequisites: Junior Classification., or instructor's approval. Program admission required.

Corequisites: MUSC3480

MUSC3480 Teaching Music in the Secondary Schools II (2)

This class focuses on assessment and lesson planning in the secondary music rehearsal and classroom, as well as music advocacy, fund-raising, and program development issues. It will include a significant classroom field experience and a technology intensive lesson component. **Corequisites:** MUSC3470

MUSC3500 Northwesterners (0-1)

A small vocal ensemble of select personnel chosen by audition. Ensemble will perform vocal jazz, contemporary Christian and a cappella literature. Membership open to majors and non-majors. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

MUSC3600 Basic Conducting (2)

Introduction to the fundamentals of conducting techniques, rehearsal methods, and musical score reading. Offered: Alternate years, normally offered fall even numbered years.

Prerequisites: Instructor's approval

MUSC3610 Advanced Conducting (2)

Further study of conducting techniques, rehearsal methods and orchestral score reading.

Offered: Alternate years, normally offered spring odd numbered years. **Prerequisites:**

MUSC3600, or instructor's approval.

MUSC3620 Basic Conducting, Choral Methods, and Materials (3)

Introduction to the fundamentals of conducting, rehearsal methods, and choral scores.

Topics include development of a school choral music program and finding choral music of various styles, genres, and cultures. Emphasis will be placed on classroom management for

school choirs. Offered: Alternate years, normally offered fall even numbered years.

Prerequisites: Instructor's approval

MUSC3630 Advanced Conducting, Instrumental Methods, and Materials (3)

Introduction to instrumental conducting, including rehearsal techniques, and band and orchestral score-reading. Topics include development of a school instrumental program and finding instrumental music of various styles, genres, and cultures. Emphasis will be placed on classroom management for school bands. Offered: Alternate years, normally offered spring odd numbered years. **Prerequisites:** Instructor's approval

MUSC3650 Advanced Audio Technology (3)

This course is designed to teach the technical aspects of multi-track recording, mixing, mastering, and producing digital audio and MIDI data. It is taught in lecture, discussion, and demonstration formats, with emphasis on student oral presentations using supporting recordings. Offered alternate years. **Prerequisites:** [MUSC1310](#)

MUSC3750 Symphonic Literature (1)

A study of representative symphonic literature from the baroque, classic, romantic, and modern periods (18th, 19th, and 20th centuries). May be repeated for credit. Offered: Alternate years. **Prerequisites:** Instructor's approval

MUSC4000 Music Capstone Seminar (1)

This course will help students reflect on their undergraduate experience and plan for the future. Designated class sessions will be geared toward discussion, and result in written reflections on University Values.

MUSC4094 Special Topics (1-3)

A concentrated study of one topic in music. May be repeated for credit.

MUSC4100 Forms and Analysis (3)

A study of standard musical forms in music from the common practice period to the present. Offered: Alternate years, normally offered fall odd numbered years.

Prerequisites: [MUSC2220](#), [MUSC2230](#), or instructor's approval.

MUSC4250 Private Instruction in Instrument or Voice (1-2)

Private instruction in piano, voice, organ, strings, percussion, woodwind or brass instruments. Available to juniors and seniors who have reached an appropriate level of proficiency. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

MUSC4251 Private Instruction in Instrument or Voice for the Music Major (1-2)

Private instruction in piano, voice, organ, strings, percussion, woodwind or brass instruments. Weekly 30 or 60 minute lesson, weekly Master Class and jury examination required. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

MUSC4370 Bella Voce (0-1)

Women's choir whose membership is open to non-majors as well as majors. Personnel chosen by audition. May be repeated for credit. **Fees:** Additional fee required.

Prerequisites: Instructor's approval

MUSC4371 University Men's Choir (0-1)

Audition for placement in appropriate section. Choir sings in music department concerts, chapels, selected churches and community events. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

MUSC4390 Piano Methods (3)

A study of piano teaching materials and methods for the beginner through college level.

MUSC4410 Voice Methods (3)

A study of voice production, teaching methods and repertoire for the various voice classifications. Offered: Alternate years, normally offered spring even numbered years.

MUSC4420 Musical Theatre Production/Opera Workshop (0-1)

Hands-on involvement in the performing of an opera, opera scenes, or a Broadway musical, including acting, singing, choreography, stage lighting and set construction. May be repeated for credit. **Prerequisites:** Audition or instructor's permission.

MUSC4430 Jazz Revival (0-1)

A jazz ensemble with vocalists and instrumentalists chosen by audition, with a broad repertoire of jazz and popular music. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

MUSC4440 Orchestra (0-1)

Membership open to non-majors as well as majors. May be repeated for credit.

Prerequisites: Instructor's approval

MUSC4450 Chamber Ensemble (0-1)

A course designed for students ready to participate in a small chamber group. Membership open to non-majors as well as majors. May be repeated for credit. **Prerequisites:** Audition or instructor's approval.

MUSC4451 Jazz Ensemble (0-1)

A course designed for students ready to participate in a jazz ensemble setting. Membership open to non-majors as well as majors. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Audition or instructor's approval.

MUSC4460 Concert Band (0-1)

The Northwest Nazarene University Concert Band is a course of membership in the largest instrumental ensemble of the Department of Music. Most wind and percussion instruments are represented in the ensemble. Membership is open to proficient non-majors as well as majors. May be repeated for credit. Initial auditions each year are primarily for chair placement. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

MUSC4470 Troupe (0-2)

Auditioned ensemble which will form the core of NNU's theatre production. Members commit to a twice-weekly meeting time designed to foster ensemble and to build, staff and act in the production season. Production responsibilities will be assigned through consultation between the student and instructor. Intended for the student who wants a more intense and immersive experience in theatre production than participation in a play or musical can provide. May be repeated for credit. **Prerequisites:** Audition.

MUSC4480 Theatre Production (0-1)

Hands-on involvement in the performing of a theatrical production, including acting, costuming, stage lighting, set construction and theatre management. May be repeated for credit. **Prerequisites:** Instructor's approval

MUSC4490 Crusader Choir and Orchestra (0-1)

An ensemble of select personnel chosen by audition. Ensemble's aims are to perform a variety of choral/orchestral literature from classical to contemporary. Membership open to majors and non-majors. May be repeated for credit. **Fees:** Additional fee required.

MUSC4510 Music in Worship and Ministry (3)

In-depth study of the role and function of music in worship and the role of the church musician in the ministry of the local church. Particular attention will be given to exploration of a variety of musical worship traditions and their musical cultures. The course will acquaint the student with day-to-day practices in ministry in the local church, administrative practices, and pastoral staff relationships. Offered: Alternate years, normally offered fall even numbered years.

MUSC4950A Internship in Church Music (1-2)

Course designed to place students in a local church where, under the supervision of the instructor and the minister of music, the student will assume many of the responsibilities in the music ministry. May be repeated for credit.

MUSC4950B Internship in Audio Engineering (1-3)

Hands-on experience mixing, reinforcing and recording sound in musical performance venues. Students will learn about professional audio engineering equipment and techniques in chapel, church and/or studio settings. **Prerequisites:** [MUSC1310](#), [COMM2280](#)

MUSC4980 Seminar in Music Business Management (3)

Topics researched and discussed in this seminar will include producing and selling a musical recording, creation and management of a recording label, marketing and promotion and copyright issues. Offered: Alternate years, normally offered spring even numbered years.

NSCI—Natural Science

NSCI2094 Topics in Natural Science (1-3)

An interdisciplinary study of a current topic in natural science. Topics may include, but are not limited to, natural resources practicum, field geology of the Pacific Northwest, and general field geology. **Prerequisites:** Instructor's approval

NSCI3094 Topics in Natural Science (1-3)

An interdisciplinary study of a current topic in natural science. Topics may include, but are not limited to, natural resources practicum, field geology of the Pacific Northwest, and general field geology. **Prerequisites:** Instructor's approval

NSCI4094 Topics in Natural Science (1-3)

An interdisciplinary study of a current topic in natural science. Topics may include, but are not limited to, natural resources practicum, field geology of the Pacific Northwest, and general field geology. **Prerequisites:** Instructor's approval

NURS—Nursing

NURS1000 Introduction to the Profession of Nursing (1)

A survey course to help students explore nursing as a possible career path.

NURS2000 Health Assessment (3)

The focus of this course will be health assessment through the gathering of subjective and objective data through interview and physical examination of the adult client. An introduction to the nursing process, communication skills and documentation as related to health assessment will be presented. Older adult and cultural considerations will be

addressed for each body system. Clinical/Nursing lab component. **Fees:** Additional fee required. **Prerequisites:** Program admission required.

NURS2015 Foundations of Professional Nursing and Nursing Care of the Older Adult (4)

There are two modules to this course. The first module provides an introduction to the theoretical foundations of nursing including nursing history and theory, the code of ethics, characteristics of professional practice and therapeutic relationships, and the healthcare delivery system in the U.S. The second module focuses on promoting healthy aging. Current theories on aging will be explored as well as the multidisciplinary needs of older adults, including developmental and relationship challenges, and meeting the physical, developmental, cultural and spiritual need of older adults. The course will include an overview of the common health problem and transitions experienced by the elderly. End-of-life and palliative care will be introduced. Lab is directed toward the development of beginning therapeutic communication skills, and the adaptation of basic nursing care for the elderly client. Service learning opportunities in health promotion and risk reduction activities will be completed off-campus for this module. Clinical/Nursing lab component.

Fees: Additional fee required. **Prerequisites:** Program admission required.

NURS2030 Fundamentals of Nursing (5)

This course focuses on the application of critical thinking through use of the nursing process. It integrates concepts from course prerequisites in the development and implementation of individualized plans of care. The use of evidence-based nursing intervention including basic nursing interventions and medication administration are included. Clinical/Nursing lab component. **Fees:** Additional fee required. **Prerequisites:** [NURS2015](#), [NURS2000](#), [KINE2730](#), [BIOL2420](#), [BIOL2420L](#), [PSYC2100](#) **Corequisites:** [BIOL3820](#)

NURS2100 Medical Terminology (1)

A hybrid independent study, with online quizzes, designed to prepare students for comprehension and utilization of medical terminology in health professions.

NURS3010 The Childbearing Family (3)

Focuses on health promotion for the family during the reproductive years. Application of pharmacology, physiology & pathophysiology pertaining to childbearing families will be incorporated. Clinical/Nursing Lab component. **Fees:** Additional fee required.

Prerequisites: [NURS3020](#), [NURS3030](#)

NURS3015 Pediatrics and the Family Unit (3)

Focuses on the family, growth and development, health promotion, and preventive care of children. Application of pharmacology, physiology & pathophysiology pertaining to childrearing families will be incorporated. Clinical/Nursing Lab component. **Fees:** Additional fee required. **Prerequisites:** [NURS3020](#), [NURS3030](#)

Prerequisites: [NURS3020](#), [NURS3030](#)

NURS3020 Mental Health (3)

This course focuses on the management of individuals with acute and chronic mental disorders in acute and community settings. Application of psychopharmacology will be integrated. Clinical component included. **Fees:** Additional fee required. **Prerequisites:** [NURS2030](#), [NURS3040](#), [BIOL3820](#)

NURS3030 Medical Surgical Nursing: Acute and Chronic Health Needs (6)

The nursing process is applied to selected acute and chronic disease processes. Clinical reasoning and critical thinking, health promotion, evidence-based practice, nursing management and transitional care of adult patients and their families in an acute care setting is emphasized. Clinical/Simulation Lab component. **Fees:** Additional fee required.

Prerequisites: [NURS2030](#), [NURS3040](#), [BIOL3820](#)

NURS3040 Pharmacology (3)

An examination of the major classifications of drugs, mechanism of action, interactions and clinical implications will be discussed. Roles and responsibilities in utilizing pharmacotherapeutics will be explored. **Prerequisites:** [NURS2015](#), [NURS2000](#), [BIOL2420](#),

[BIOL2420L](#) **Corequisites:** [BIOL3820](#)

NURS4000 Medical Surgical Nursing: Complex Health Needs (5)

The impact of multifactorial complex health needs on the family will be explored. Critical thinking, evidence-based practice, and nursing management of clients with complex health needs will be practiced within high acuity settings for adults. Multidisciplinary collaborative care, transitional care, and end of life issues will be incorporated.

Clinical/Simulation Lab component. **Fees:** Additional fee required. **Prerequisites:** [NURS3010](#), [NURS3015](#), [NURS3030](#), [NURS4030](#)

NURS4010 Nursing of Diverse Populations in the Community (4)

Provides a foundation in population health. This course includes assessment, intervention and evaluation of culturally diverse and vulnerable populations. Service learning is a required component of this course. The students will learn the environmental influences upon the health of populations, Clinical component. Fulfills a general education Level II Cross-Cultural Experience if taken with NURS4010CC, Intercultural lab. **Fees:** Additional fee required. **Prerequisites:** [NURS3010](#), [NURS3015](#), [NURS3030](#), [NURS4030](#)

NURS4020 Leadership and Management in Professional Nursing (3)

Explores concepts of leadership and management applied within professional nursing practice. Nursing and health care trends within the context of regional, national and international arenas will be explored. Emphasis is on healthcare systems and policy.

Prerequisites: [NURS4000](#), [NURS4010](#)

NURS4030 Nursing Research/Evidence Based Practice (3)

Students acquire an understanding of the research process and evidence-based practice. Students will be guided in applying and incorporating research into evidence-based nursing practice. Human subject protection training is required. **Prerequisites:**

[MATH2240](#), [ENGL1030](#), [NURS3020](#), [NURS3030](#)

NURS4040 Transition to Professional Nursing Practice/Capstone (4)

This capstone course facilitates the transition from student to graduate professional nurse and fosters professional growth and development. Students will apply knowledge and skills acquired throughout the major under the mentorship of a nurse preceptor. Students will review and prepare for the National Council Licensing Examination (NCLEX). The course assists majors to reflect on their educational experience and professional development in light of the institutional values of Northwest Nazarene University. Clinical preceptorship of 180 hours. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

NURS4094 Special Topics in Nursing (1)

A study of special topics related to current issues and trends in nursing. Subject matter may change to meet the needs of the learner. **Prerequisites:** Instructor's approval

OCAM—Off Campus

OCAM1094 Topics (1-16)

An entry level off-campus program of study. **Prerequisites:** Academic advisor's permission on pre-registration schedule, off-campus program acceptance, and approved NNU application for off-campus study. May be repeated for credit under a different title.

OCAM2094 Topics (1-16)

A sophomore level off-campus program of study. **Prerequisites:** Academic advisor's permission on pre-registration schedule, off-campus program acceptance, and approved NNU application for off-campus study. May be repeated for credit under a different title.

OCAM3094 Topics (1-16)

A junior level off-campus program of study. **Prerequisites:** Academic advisor's permission on pre-registration schedule, off-campus program acceptance, and approved NNU application for off-campus study. May be repeated for credit under a different title.

OCAM4094 Topics (1-16)

A senior level off-campus program of study. **Prerequisites:** Academic advisor's permission on pre-registration schedule, off-campus program acceptance, and approved NNU application for off-campus study. May be repeated for credit under a different title.

PHIL—Philosophy

PHIL2010 Introduction to Philosophy (3)

A study of the major problems with which philosophy deals and an introduction to the major philosophers of the Western world. Students will be introduced to critical thinking and writing.

PHIL2020 Ethics (3)

An introduction to the concept of good, involving a study of the major ethical theories of the West and their applications to contemporary moral problems.

PHIL3010 History of Ancient and Medieval Philosophy (3)

A chronological study of the foundations of Western thought from the early Greeks through the medieval period, concentrating on the primary source material from Plato, Aristotle, Augustine, and Thomas Aquinas.

PHIL3020 History of Modern Philosophy (3)

A survey of the major philosophers of the 17th, 18th, and 19th centuries with special consideration for the influence of their thought upon the modern world. Offered: Alternate years.

PHIL3080 Critical Reasoning (3)

An introduction to the science of logic and reasoning, including both deductive and inductive reasoning processes. Basic concepts such as validity, soundness, strength, and argument evaluation will be covered. The course will also cover fallacies (both formal and informal), truth trees, biases within argumentation, and symbolic logic.

PHIL3094 Topics in Philosophy (1)

An examination of a specific area in philosophy. Topics will be announced as the course is scheduled and may include: applied ethical theory, philosophy of education, philosophy of logic, philosophy of nature, etc. Offered: Alternate years.

PHIL3410 Philosophy and Literature of Existentialism (3)

A study of the major concepts of existential philosophy along with the literary styles that are used by the major existential thinkers. The study will include Kierkegaard, Nietzsche, Sartre, Camus, Tillich, and Buber. (See THEO3410) Offered: Alternate years.

PHIL3520 Philosophy of Science (3)

A survey of the major theories in epistemology as they relate to scientific and philosophical investigation. The primary objective is to enhance the interdisciplinary dialogue taking place at the interface between science and philosophy. The course will also focus on some of the ethical and metaphysical implications of current scientific investigation.

PHIL3600 Clinical Ethics (3)

A review of the traditional theories of and the contemporary ethical applications to health care. The focus is the integration of ethical responsibility and the medical environment. Theorists and practitioners will contribute insight about methodology and motives that determine decisions made in modern medical care.

PHIL3620 Science and Christian Faith (3)

The primary objective of the course is to enhance the interdisciplinary dialogue taking place between science and theology. To accomplish this, the course will explore several core scientific theories and how these theories impact Christian theology. The three primary scientific theories covered in this course are cosmology and the big bang, the theory of macroevolution, and quantum physics. Each of these scientific theories has a significant impact on Christian theology. For instance, the big bang raises questions related to creation, provides evidence for a literal “beginning” and supports the argument from fine tuning. Similarly, evolution raises questions about the historical accuracy of Genesis 1-3, the fall, original sin, and the imago dei. Each of these theological views will be explored in depth. Finally, quantum physics calls into question the determinism of a clockwork universe and opens the door to chaos, indeterminacy and potentially human freedom. The key questions undergirding the course are as follows: How does modern science aid the theological process? How has Christian faith aided the rise of modern science? How does modern science challenge some theological views? What are the limits of natural science in relation to the Christian faith? See THEO3620.

PHIL4210 Contemporary Philosophy (3)

A survey of the philosophers of the 20th century and the trends in natural, social, and political science that have impacted their thought. Both the analytic and continental streams of thought will be addressed with special attention given to positivism, existentialism, linguistic analysis, and postmodernism. Offered: Alternate years.

Prerequisites: 4 credits in Philosophy, or instructor's approval.

PHIL4430 Metaphysics (3)

An investigation of the ultimate philosophical commitments about reality. Topics selected may include the basic constituents of ontology, the nature of space and time, causality, freedom and the self. Representative figures in the history of philosophy may be considered and analyzed. Offered: Alternate years **Prerequisites:** 4 credits in Philosophy, or instructor's approval.

PHIL4520 Philosophy of Religion (3)

A constructive study of religious claims, thoughts, and practices from the philosophic point of view. Special attention is given to problems such as: the idea of God, immortality, evil, freedom and determinism. **Prerequisites:** 4 credits in Philosophy, or instructor's approval.

PHIL4900 Philosophy Capstone (1)

A course designed to bring to completion a student's NNU education, with an eye toward philosophical integration of the student's entire study. The course will involve systematic reflection of university outcomes and will seek to further refine a student's ability to read and write philosophy.

PHIL4980 Seminar in Philosophy (3)

A study of topics will be announced as the course is scheduled and could include: personality, social philosophy, philosophy of science, and aesthetics. Offered: Alternate years. May be repeated for credit. **Prerequisites:** 6 credits in Philosophy, or instructor's approval.

PHIL4990 Philosophy and Aesthetics (3)

A senior level capstone course integrating philosophy and the visual arts. Students will gain a working knowledge of basic theories in aesthetics with an aim to understanding assessment of the visual arts. The culminating project will include a piece of group artwork displaying robust synthesis of aesthetic theory and basic art practice. The project will include a ten page paper articulating the group's process.

PHYS—Physics

PHYS1010 Introduction to Physical Science (3)

An interdisciplinary physical science course that covers the main educational topics in chemistry, physics, and earth science. This course is designed for elementary education majors but may be taken by any student for general education requirement. No prior knowledge of science is assumed. **Corequisites:** PHYS1010L

PHYS1010L Introduction to Physical Science Laboratory (1)

An interdisciplinary physical science lab that provides hands-on experimentations in the main educational topics of chemistry, physics, and earth science. This lab is designed for elementary education majors, but may be taken by any student for general education requirement. No prior knowledge of science is assumed. **Corequisites:** PHYS1010

PHYS1060 Descriptive Astronomy (3)

A descriptive study of modern astronomy for the general student with an emphasis on the structure and dynamics of stars, galaxies and the universe. The sun, planets and other objects in our local solar system will also be considered.

PHYS1060L Descriptive Astronomy Laboratory (1)

A laboratory course taught in connection with PHYS1060. Observational and laboratory activities are included, some in the evenings. **Fees:** Additional fee required. **Corequisites:** PHYS1060

PHYS1110 College Physics I (3)

A comprehensive non-calculus based approach to the fields of physics. Designed for students whose career goals are architecture, business, physical therapy, science education, and pre-medicine. Emphasis is placed on problem solving. Topics covered include

mechanics, heat, thermodynamics and sound. **Prerequisites:** [MATH1300](#), [MATH1400](#), ACT Math score of 28 or higher, or SAT Math score of 710 or higher, or Accuplacer College Level math score of 103 or higher. **Corequisites:** PHYS1110L

PHYS1110L College Physics I Laboratory (1)

The laboratory uses the discovery approach to physical principles. The laboratory will cover basic labs in mechanics, wave motion and heat. **Fees:** Additional fee required.

Corequisites: PHYS1110

PHYS1120 College Physics II (3)

A comprehensive non-calculus based approach to the fields of physics. Designed for students whose career goals are architecture, business, physical therapy, science education, and pre-medicine. Emphasis is placed on problem solving. Topics covered include electricity and magnetism, light and optics and modern physics. **Prerequisites:** [MATH1300](#), [MATH1400](#), [PHYS1110](#), ACT Math score of 28 or higher, or SAT Math score of 710 or higher, or Accuplacer College Level Math score of 103 or higher. **Corequisites:** PHYS1120L

PHYS1120L College Physics II Laboratory (1)

The laboratory uses the discovery approach to physical principles. The laboratory will cover basic labs in electricity and magnetism, light and optics. **Fees:** Additional fee required. **Corequisites:** PHYS1120

PHYS2094 Topics in Physics (1-3)

A study in the field of physics not covered in other courses such as weather balloon launching, or conceptual physics. May be repeated for credit. **Prerequisites:** Instructor's approval

PHYS2110 Physics for Science and Engineering I (3)

A comprehensive calculus based examination of the fields of physics. Designed for science students whose career goals are in engineering, physics, chemistry, medicine, and veterinary science. Topics covered include mechanics, thermodynamics, wave phenomena and fluid mechanics. Concurrent Requisite: PHYS2110L. **Prerequisites:** ACT Math score of 28 or higher, or SAT Math score of 710 or higher, or Accuplacer College Level Math score of 103 or higher. **Corequisites:** MATH2510

PHYS2110L Physics for Science and Engineering I Laboratory (1)

The laboratory uses the discovery approach to physical principles. Selected experiments from the fields of mechanics, wave motion and heat will be performed. Concurrent Requisite: PHYS2110. **Fees:** Additional fee required.

PHYS2120 Physics for Science and Engineering II (3)

A comprehensive calculus based examination of the fields of physics. Designed for science students whose career goals are in engineering, physics, chemistry, medicine and veterinary science. Topics covered include electricity and magnetism, light and optics. Concurrent Requisite: PHYS2120L. **Prerequisites:** [PHYS2110](#) **Corequisites:** MATH2520

PHYS2120L Physics for Science and Engineering II Laboratory (1)

A comprehensive calculus based examination of the fields of physics. Designed for science students whose career goals are in engineering, physics, chemistry, medicine and veterinary science. Topics covered include electricity and magnetism, light and optics. Concurrent Requisite: PHYS2120. **Fees:** Additional fee required.

PHYS3094 Topics in Physics (1-3)

A concentrated study in a field of physics not covered in other courses such as low temperature physics, Mossbauer spectroscopy, elementary particles, relativity, and cosmology. May be repeated for credit. **Prerequisites:** [PHYS2120](#)

PHYS3130 Modern Physics (3)

Basic ideas of quantum theory which led to the Rutherford-Bohr model of the atom, elementary quantum mechanics using Schrodinger's equation with applications to atoms, molecules, nuclei and elementary particles will be studied. Topics include: atomic and molecular spectra; ionic and covalent bonds; theory of alpha, beta and gamma decay, and quantum statistics of Bose and Fermi particles. Concurrent Requisite: PHYS3130L.

Prerequisites: [PHYS2120](#)

PHYS3130L Modern Physics Laboratory (1)

This course is designed to provide students with experience in experimental research techniques used in modern physics. Emphasis is placed on experimental methods and procedures and the relationship among various observable quantities and data analysis. Experiments performed will include determining electron charge to mass ratio, lattice spacing determination using low-energy electron diffraction, nuclear decay rate measurements, spectroscopy, and others pertaining to topics covered in class. Concurrent Requisite: PHYS3130. **Fees:** Additional fee required.

PHYS3410 Analytic Mechanics (3)

Application of Newtonian mechanics to physical systems. Topics covered include central force problems, equations of motion of Lagrange and Hamilton, normal modes resulting from small vibrations, and rotating frames of reference. Offered: Alternate years

Prerequisites: [MATH3530](#), [MATH3540](#), [PHYS2110](#)

PHYS4610 Electricity and Magnetism (3)

A vector calculus based examination of the laws of Gauss, Biot-Savart, Ampere and Faraday and the application of the equations of Laplace and Poisson to boundary valued problems. Maxwell's equations are introduced and used to investigate electromagnetic wave propagation in different media and radiation from antennas. **Prerequisites:** [MATH3530](#), [MATH3540](#), [PHYS2120](#)

PHYS4710 Optics (3)

Physical optics with emphasis on the application of the principles of interference, diffraction, and polarization; the study of lasers. Photometry and interferometry.

Prerequisites: [PHYS4610](#) or [ENGR4250](#)

PHYS4720 Solid State Physics (3)

An introduction to the physics of the solid state of matter. Topics include crystal structure, lattice vibrations and electronic band structure of crystals, electrical, optical, and thermal properties of solids, transport and other non-equilibrium phenomena in uniform and non-uniform solids. It is recommended that Modern Physics or Quantum Mechanics be taken before this course, or some general knowledge of solutions to Schrodinger's Equation. Offered: Alternate years **Prerequisites:** [MATH3530](#), [MATH3540](#), [PHYS3130](#)

PHYS4810 Fundamentals of Quantum Mechanics (3)

A beginning course in quantum mechanics which starts with the postulates and derives Schrodinger's equation from physical optics principles. Several simple systems are studied and the properties of eigen functions are used to introduce matrix methods and

operator theory. Emphasis is placed on mathematical formalism with applications to atomic systems. Offered: Alternate years **Prerequisites:** [MATH3540](#), [PHYS2120](#)

PHYS4970 Research (1)

Participation with a faculty member in an individual investigative project or literature review. Required of all physics and engineering physics majors. May be repeated for credit.

PHYS4980 Senior Seminar/Capstone (1)

Required of and limited to seniors. Involves a written and oral presentation of work completed in PHYS4970 or ENGR4970. **Prerequisites:** Instructor's approval

POLS—Political Science

POLS1000 Introduction to American Government (2)

Offered in conjunction with Boys' State or Girls' State, a one-week program designed as a leadership experience which allows self-participation in the election and legislative process of American government.

POLS1010 American National Politics (3)

An introduction to American politics from the 18th century to the present. Major themes and events include the writing of the U.S. Constitution, the development of American political principles and institutions, and contemporary political practices and issues in the United States.

POLS1030 The Foundations of Politics: The Quest for Peace and Justice (3)

An examination of peace and justice in political communities as well as the relationship of religious faith to political thought and practice. This course emphasizes the development of reading, writing, and critical thinking skills and examines historical and contemporary political issues rooted in perennial questions about justice.

POLS1050 Introduction to International Relations (3)

An introduction to the international political system and its major institutions, issues, and events. Major themes and events include the nature of the state system, national security and national interest, war and peace, alliances, diplomacy, the Cold War, conflict resolution, and international law.

POLS3094 Topics in Political Science (2-3)

An examination of various aspects of politics and political science conducted in a seminar format. May be repeated by permission for credit. Topics will vary.

POLS3210 Social Science Research Methods (3)

The study and application of empirical research methods in the social sciences, with an emphasis on political science. The course will include discussions relating to the philosophy of science, an overview of research designs, the conduct of empirical research, and the organization and preparation of research papers. (See HIST3210.) Offered: Alternate years.

POLS3310 Presidential Power: The Politics of Leadership (3)

An in-depth analysis of the presidency in the American political system. The course will examine the origins of the presidency, the nature of executive-legislative relations, the growth of presidential power, and the exercise of presidential power, especially in the modern era. Offered: Alternate years.

POLS3330 U.S. Foreign Policy (3)

An in-depth examination of the factors influencing the U.S. as a participant in the international system, especially from the end of World War II to the present. Topics include U.S. foreign policy and ideology, domestic politics and interest groups, public opinion and the media, and historical events considered chronologically. (See HIST3330.) Offered: Alternate years.

POLS3410 American Political Thought and Ideology (3)

A critical investigation of political ideas and ideologies from the pre-revolutionary era through the founding period, early 20th century and New Deal, to present distinctions between liberals, conservatives and other contemporary political orientations. The course examines the evolution of American political discourse, with particular emphasis on liberty, equality, the locus of power in the American political system, and the relationship between the included and excluded in American political history. Offered: Alternate years.

POLS3520 Theories of Politics (3)

A critical exploration of major themes and issues in the Western political and philosophical tradition from Plato to today, organized around the question, "Why should I obey the State?" Special emphasis will be placed on the concepts of state, citizen, obedience, and the rule of law. Offered: Alternate years.

POLS3610 Comparative Politics (3)

An in-depth study of how nations are governed, how different political systems operate, and the historical explanations for disparate levels of development. This course examines how modern political systems try to resolve complex domestic and international problems. Topics include the theoretical foundations of comparative political analysis, the relationship between the state, markets and civil society, and the growing importance of culture in explaining development and the quality of governance. Offered: Alternate years.

POLS4410 Constitutional Law (3)

An in-depth study of the U.S. Supreme Court and its role in the American political and legal systems. Landmark judicial decisions are examined concerning governmental powers, separation of powers, and federalism. Special attention is paid to legal reasoning and the role of the Court and its work in American government and society. Recommended for students interested in law school. Offered: Alternate years.

POLS4420 Civil Rights and Civil Liberties (3)

A critical examination of U. S. Supreme Court decisions involving constitutional rights and liberties with special attention given to the Bill of Rights and the Fourteenth Amendment. Topics will include religious freedom, freedom of expression, rights in criminal procedure, due process and equal protection, including racial and gender discrimination and sexual harassment. Offered: Alternate years. **Prerequisites:** [POLS4410](#), or instructor's approval.

POLS4560 International Peace and Global Governance (3)

An in-depth study of conflict and conflict resolution in the international political system. This course examines various theories and models such as negotiation theory, peace studies, biblical models, international law, global human rights, and international order models. Offered: Alternate years.

POLS4960 Internship in Political Science (3)

A supervised, practical work experience in either the public or private sectors. The internship is required of all political science majors and provides an opportunity to gain

practical experience in government and politics. **Prerequisites:** Instructor's approval

POLS4970 Senior Thesis and Capstone (4)

A two-part requirement for all political science and international studies majors. The departmental component (Thesis) is an independent research paper of 25-30 pages, which includes demonstration of critical analysis and evaluation involving scholarly research and data-gathering. The university component (Capstone) includes a careful evaluation of the fulfillment of the university outcomes in the growth and experience of the student while at NNU, in discussion and an extended paper of 8-10 pages.

POLS4980 Seminar in International Studies (3)

An in-depth examination of a particular problem, issue, or event in global affairs. The course is discussion-centered and involves extensive readings in the field of international studies. Offered: Alternate years.

PRTH—Practical Theology

PRTH1250 Christian Ministry Retreat (1)

A fall retreat for all Christian ministry majors, with specific emphases in spiritual formation and the development of community among students. Typically scheduled during a September weekend. **Fees:** Additional fee required.

PRTH1440 Ministerial Scholarship Practicum (0)

A practicum designed to foster spiritual formation through reflection on personal spiritual reading (assigned weekly), sharing, accountability and prayer. This course will connect classroom learning about the Bible, theology, and ministry to local church practice (praxis) through weekly ministry experience in churches and other ministry situations. Required for all ministerial scholarship recipients.

PRTH1710 Exploring Vocation and Call (1)

An exploration of calling and vocation. Emphasis will be given to the experience of a "call." Stories of how others have experienced their call and/or come to serve in their vocation will be considered.

PRTH1900 Introduction to Parachurch Ministry (2)

An introduction to and study of vocational ministry outside traditional church or denominational contexts. Topics include the call to this type of ministry, working with local churches and governing boards, raising support, and developing an advisory committee.

PRTH2094 Topics in Evangelism (1)

An examination of some phase of evangelism not covered in other courses. May be repeated for credit.

PRTH2400 Christian Missions (3)

An introduction to the study of Christian missions. Attention will be given to biblical and theological foundations, historical perspectives, and cultural dimensions of missions in a contemporary world setting. A field trip is a required part of the course. Fulfills a General Education Level II Cross Cultural Experience if taken with PRTH2400CC Intercultural Lab 2.

Fees: Additional fee required.

PRTH2440 Ministerial Scholarship Practicum (0)

A practicum designed to foster spiritual formation through reflection on personal spiritual reading (assigned weekly), sharing, accountability, and prayer. This course will connect

classroom learning about the Bible, theology, and ministry to local church practice (praxis) through weekly ministry experience in churches and other ministry situations. Required for all ministerial scholarship recipients.

PRTH2600 Foundations for Cross-Cultural Ministry (1)

An exploration of the call to missionary service and how to prepare for such service. Aptitude for cross-cultural service and conflict management skills will be emphasized. Weekend seminar. **Fees:** Additional fee required.

PRTH2960 Field Experience in Christian Ministry (1)

A study of practical applications in pastoral theology. In addition to the weekly class time, the student will be involved in some phase of Christian ministry in a local church or other appropriate ministry setting. **Fees:** Additional fee required. **Prerequisites:** [PRTH1710](#)

PRTH3094 Topics in Practical Theology (1)

An examination of some phase of practical theology not covered in other courses. May be repeated for credit.

PRTH3210 Spiritual Formation (2)

A study of the theory and practice of spiritual formation and Christian discipleship. Attention will be given to the reflective discipline of one's individual journey with God and personal spiritual development. Further attention will be given to discipling through mentoring and in small groups. A spiritual formation weekend retreat is an integral part of this course and is required of all students. **Fees:** Additional fee required. **Prerequisites:** [PRTH1710](#)

PRTH3220 Worship Theory and Development (2)

A study of the principles of Christian worship. Attention will be given to the development of contextualized, theologically informed worship, and the rites and sacraments of Christian worship **Fees:** Additional fee required.

PRTH3250 Worship Leadership and the Sacraments (2)

A study of the theology of worship and its integration into local contexts. Attention will be given to the creation, production, and implementation of Christian communal worship services. This course will also provide a theology and practice of the Christian sacraments of the Lord's Supper and Baptism. Offered: Alternate years **Fees:** Additional fee required.

Prerequisites: [PRTH3220](#)

PRTH3440 Ministerial Scholarship Practicum (0)

A practicum designed to foster spiritual formation through reflection on personal spiritual reading (assigned weekly), sharing, accountability and prayer. This course will connect classroom learning about the Bible, theology and ministry to local church practice (praxis) through weekly ministry experience in churches and other ministry situations. Required for all ministerial scholarship recipients.

PRTH3710 Preaching (3)

A study of the preparation and delivery of sermons within the context of worship, includes preaching practice. **Prerequisites:** Instructor's approval

PRTH3750 Compassionate Ministries (2)

A study of the theology of social holiness as expressed in a life of compassionate stewardship. The course will explore current literature and programs being developed by evangelical churches focusing on compassionate ministries. Special attention will be given to the urban compassionate ministry centers being developed by the Church of the

Nazarene. A field trip is a required part of the course. Fulfills a General Education Level II Cross Cultural Experience if taken with PRTH3750CC Intercultural Lab 2. **Fees:** Additional fee required.

PRTH3880 Camping and Recreation Ministry (2)

An introduction to the philosophy, methods and skills necessary to plan, organize and administer camp and recreation ministries for the local church and/or other connected entities. **Fees:** Additional fee required.

PRTH3960 Field Experience in Christian Ministry (1)

A study of topics in pastoral theology and their application. In addition to the weekly class time, the student will be contracted for involvement in some phase of Christian ministry in a local church or other appropriate ministry setting. **Fees:** Additional fee required.

PRTH4440 Ministerial Scholarship Practicum (0)

A practicum designed to foster spiritual formation through reflection on personal spiritual reading (assigned weekly), sharing, accountability and prayer. This course will connect classroom learning about the Bible, theology and ministry to local church practice (praxis) through weekly ministry experience in churches and other ministry situations. Required for all ministerial scholarship recipients.

PRTH4710 Missional Growth and Health (2)

A study of the church's mission and development with special emphasis on church health and growth. Attention will be given to observation of church and community, both historical and contemporary. Students will describe the socialization and dynamics of the church to culture, and develop skills for effective ministry. A field trip is required. **Fees:** Additional fee required.

PRTH4820 Pastoral Leadership (3)

A study of leadership and administration in Christian ministries. Areas to be discussed will include: spiritual gifts, selecting, organizing, and maintaining a church staff, conflict management and professional ethics. Field trips to several churches will be included. **Fees:** Additional fee required.

PRTH4960 Internship in Christian Ministry (3)

A practical course, open only to seniors in the Department of Philosophy and Religion, involving ministry experience in areas which include preaching, counseling, teaching, education, evangelism, administration and missions. This experience will be under the direction of the instructor in cooperation with the supervising ministry mentor. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** [PRTH1710](#), [PRTH2960](#), [PRTH3960](#), or instructor's approval.

PSYC—Psychology

PSYC1250 Psychology for Life (2)

An overview of the principal issues in the psychology of adjustment. The causes and patterns of behavior are analyzed to enable students to acquire insight and understanding regarding the actions of the emotionally healthy as well as the emotionally disturbed.

PSYC1550 Introduction to Psychology (3)

A study of the basic principles of human behavior, giving attention to developmental patterns, motivation and adjustment, learning and memory processes, and individual differences in aptitude, personality, and mental health.

PSYC1615 Careers in Psychology (2)

A study of the vast array of employment opportunities in the field of psychology. This course will provide opportunities for students to learn how to write a curriculum vita, research about various employment opportunities in the realm of psychology, and hear from guest speakers who use psychology in their jobs.

PSYC2100 Lifespan Development (3)

A study of growth and development of human beings from conception to death, with emphasis on the areas of cognitive processes, language development and social interactions. **Prerequisites:** [PSYC1550](#)

PSYC2110 Educational Psychology (3)

A study of the psychological implications involved in the teaching-learning situation with emphasis on those psychological principles applicable to children ages 6-12 and adolescents 13-18. A variety of learning and developmental theories based on research from the field of psychology are covered. (See EDUC2110). **Prerequisites:** [EDUC1100](#), Sophomore classification, or instructor's approval.

PSYC2215 Research Design (3)

A study of qualitative and quantitative research methodology. Students will learn the basics of how to use professional psychological research, design research around a hypothesis, and the basics of research writing.

PSYC2245L Statistical Analysis Lab (1)

Students will be introduced to SPSS and the process of independent data collection.

Corequisites: PSYC3640, MATH2240

PSYC2559 Psychology of Motivation and Leadership (3)

This course examines the psychological theories and methodologies of motivation and the elements of leadership, including motivating and demotivating factors, benefits of motivations, individual and team leadership, leadership styles and personalities. Applications for the organizational systems, individuals and groups will be studied.

PSYC2955 Psychology Pre-Practicum (1)

This course will prepare students for practicum in psychological settings, including orientation, psychology ethics, resume writing, and identifying possible sites and contact persons. All psychology students seeking practicum experiences in approved agencies must satisfactorily complete this course prior to registering for PSCY3960. (See CRIM2960).

PSYC3094 Topics in Psychology (1-3)

A variety of subjects is presented. Different topics are covered each offering. May be repeated for credit with change of topic.

PSYC3455 Abnormal Psychology (3)

A study of the etiology and dynamics of psychopathology, designed to give the student a working vocabulary of terminology and concepts in the area of abnormal behavior. The course includes discussions about treatments and ethics involved in caring for those suffering from mental disorders. **Prerequisites:** [PSYC1550](#)

PSYC3640 Experimental Design and Statistical Analysis (3)

A course that integrates experimental methodology and statistical data analysis procedures in behavioral science. Emphasizes statistical descriptions, statistical inference, and hypothesis testing. **Prerequisites:** 6 credits in psychology or related field. Fulfills the General Education Mathematics Competency requirement. **Corequisites:** PSYC2245L

PSYC3701 Contemporary Approaches in Child & Adolescent Development (3)

This course provides an overview of the research on the emotional, cognitive, and psychological dynamics of children and adolescents. Attention is given to factors that create problems and shape the developmental trajectory into adulthood. **Prerequisites:**

[PSYC1550](#), [PSYC2100](#) OR [SOWK2850](#)

PSYC3702 Counseling Theory and Helping Skills (3)

A study of the fundamental theories of counseling and psychotherapy, with emphasis on the processes, APA ethics, and Idaho state laws involved in counseling. Offered: Alternate years. **Prerequisites:** [PSYC1550](#) **Corequisites:** PSYC3702L

PSYC3702L Counseling Theory and Helping Skills Lab (1)

An introduction to the application of the principles of counseling and psychotherapy and identification of and practice in the basic helping skills. Offered: Alternate years.

Prerequisites: [PSYC1550](#) **Corequisites:** PSYC3702

PSYC3960 Psychology Practicum (1-2)

Readings and supervised practicum experience designed to give the student practical application in the areas of assessment, counseling, and behavior modification. May be repeated for a maximum of 4 credits. **Prerequisites:** [PSYC2955](#), and instructor's permission.

PSYC3970 Junior Research in Psychology (1)

The student will begin the process of developing independent research. This may be in cooperation with a professor or senior research student. May be repeated for a maximum of 2 credits. **Prerequisites:** [PSYC2215](#), [PSYC2245L](#)

PSYC4010 Capstone (1)

This course provides students with a context for reflection and self-analysis regarding their educational experience at NNU. The approach in this course to self-analysis and critical reflection is two-fold: 1) students will reflect on their comprehensive educational experience through the lens of the four university outcomes, and 2) students will think about and discuss the integration of their learning with their future, post-university lives. (See CLST4010, CRIM4010, HUMN4010, SOGY4010, SPAN4010)

PSYC4111 Human Sexuality (3)

A study of human sexuality addressing biological, social, emotional, cognitive, and spiritual aspects. Sexuality, encompassing all that we are as females and males, will be taught from a holistic framework. **Prerequisites:** [PSYC1550](#)

PSYC4112 Human Diversity (3)

This course examines the multifaceted levels of diversity in humanity and will review ways to approach diversity in a sensitive and appropriate manner. Topics to be covered include a history of human diversity, cultural diversity, age differences, gender issues, spirituality, sexuality, religious diversity, physical impairments, and how to be sensitive to issues of diversity as they pertain to working with people. Key human rights and understandings will be explored. **Prerequisites:** [PSYC1550](#) or [CLTA1550](#)

PSYC4511 Psychology of Religion (3)

A study of the psychological implications of religious experience and a comparison of psychological and religious views of human behavior. Offered: Alternate years

Prerequisites: [PSYC1550](#)

PSYC4512 Social Psychology (3)

A study of the inter-relationships of individuals and their social environments, including the methods of investigation and some of the theories and findings of the field of social psychology. (See SOGY4550). **Prerequisites:** [PSYC1550](#)

PSYC4619 Introduction to Psychological Testing (3)

An introduction to the theory, problems, methods and content of psychological testing. The first part of the course deals with the basic concepts of the purpose of testing, test administration, scoring, standardization, reliability, validity, and evaluation. The remainder of the course covers the principal intelligence, achievement, aptitude, interest and personality tests. Offered: Alternate years. **Fees:** Additional fee required. **Prerequisites:** [PSYC1550](#), [PSYC2215](#)

PSYC4659 Advanced Psychology (3)

This course is a survey course in psychology in which Senior psychology majors study the major areas of general psychology in some depth, are involved in the Introduction to Psychology course serving as teaching assistants, and leading activity and study groups for students in Introduction to Psychology. May be repeated for credit. **Prerequisites:** Students will be psychology majors with at least junior standing. They must have completed at least 15 credits in psychology.

PSYC4761 Introduction to Neuropsychology and Psychopharmacology (3)

An introduction to the psychology subfields of neuropsychology and psychopharmacology. The content involves an understanding of the relationships between brain and behavior. Students will be introduced to the anatomy and functions of the brain, the way brain functioning effects cognition and behavior, situations that can lead to deviation in behaviors and cognitions, and how pharmacological agents interact with the brain to treat mental illness and brain trauma. **Prerequisites:** [PSYC3455](#)

PSYC4762 History and Systems of Psychology (2)

An historical survey of modern psychology and an analysis of its classical systems and contemporary theories. Offered: Alternate years. **Prerequisites:** 16 credits in psychology, or instructor's approval.

PSYC4850 History and Systems of Psychology Experience (1)

An historical survey of modern psychology and an analysis of the classical systems and contemporary theories in psychology. Students will visit historical sites and classic psychological and social science venues that are presented in the PSYC4762 course. **Fees:** Additional fee required.

PSYC4975 Senior Research in Psychology (1-4)

The student will develop and complete an empirical research project and a written report suitable for submission to a psychological journal, or the student will assist a psychology faculty member in independent professional research. May be repeated for a maximum of 6 credits. **Prerequisites:** [PSYC3970](#), or instructor's approval.

REST—Religious Studies

REST3094 Topics in Religious Studies (1-3)

An examination of some phase of religious studies not covered in other courses. May be repeated for credit.

REST3610 Exploring World Religious Traditions (3)

A historical and theological exploration of the dominant Eastern (Hinduism, Buddhism, Taoism, Confucianism) and Western (Islam, Judaism, Christianity) World Religions. Special attention is given to student participation in religious field trips. **Prerequisites:** BIBL1100, THEO2100

REST4400 Ancient Near Eastern History and Culture (2)

A study of the history, culture, art and religion of the ancient Near East. Attention will focus on the major civilizations of the period 7000-300 BC. Israel's interrelations with these civilizations will be touched on briefly. Major archaeological contributions will be discussed. Offered: Alternate years.

REST4600 Noncanonical Writings and New Testament Interpretation (2)

A reading seminar utilizing primary, noncanonical, religious, theological and historical writings of the Hellenistic age. Representative Jewish, Christian and pagan cognate literature relevant for the interpretation of the New Testament will be surveyed. Offered: Alternate years. **Prerequisites:** BIBL1100

SOGY—Sociology

SOGY1500 Introduction to Criminal Justice (3)

This course is an overview of the criminal justice system in the United States and covers four major content areas: the nature of crime and laws; policing and law enforcement; courts and adjudication; and corrections. (See CRIM1500.)

SOGY1550 Introduction to Cultural Anthropology (3)

An introduction to the sociological perspective and the basic theories and procedures for studying society, with an emphasis on understanding the fundamental nature of social relationships, structures, and processes. (See CLTA1550.)

SOGY2250 Issues of Developing Nations I (3)

A course designed to guide students in the study of under or lesser developed nations. Recognizing the issues are complex, the course covers the interrelatedness of political, cultural, and economic development as well as the influences of religion, conflicts, and special populations. The course is interdisciplinary in nature. (See: CLTA2250) Offered: Alternate years.

SOGY2430 Social Problems in Modern Society (2)

An examination of the origin, development, and attempted solutions of some of the major problems confronting contemporary society. Sociological and Christian perspectives are utilized in analyzing and responding to problems of focus. Offered: Alternate years.

SOGY3180 Race, Class and Gender (3)

A study of the contemporary diversity of society with a focus on inter-group relations (e.g., assimilation, conflict, and pluralism). Emphasis is placed on gaining an understanding of the multi-cultural nature of American society in comparison with other societies and on formulating a viable response. Recommended: SOGY1550 or SOGY2430. Offered: Alternate years. Fulfills a General Education Level II Cross Cultural Experience if taken with SOGY3180CC Intercultural Lab 2. (See CLTA3180) **Prerequisites:** Junior Standing, or instructor's approval.

SOGY3200 Juvenile Justice (3)

A study of the forms, causes, and consequences of juvenile delinquency. Intervention for offenders, preventive measures, and the legal and treatment system for dealing with juveniles will also be studied. The course is designed to expose students to textual/theoretical material as well as to knowledgeable professionals from agencies in the community. (See CRIM3200.)

SOGY3250 Issues of Developing Nations II (3)

A course designed to allow students an advanced study of under or lesser developed nations. Students will study the interrelated issues of political, cultural and economic development as well as the influence of religion, conflicts and special populations. Students will select a discipline in which she or he will complete an in-depth study. (See: CLTA3250) Offered: Alternate years. **Prerequisites:** CLTA1550, or ECON1050 or POLS1050.

SOGY3340 Sociology of the Family (3)

A study of the nature and diversity of marriage and family relationships, and of perspectives for investigating and understanding the social issues and forces impacting them with the aim of clarifying standards and objectives. Offered: Alternate years.

SOGY3550 Sociology of Religion (3)

An examination of the changing role and function of religion for the individual and in society, with emphasis on understanding and responding to the forces conditioning the nature of this relationship. Recommended: SOGY2030, or SOGY2430. (See: CLTA3550) Offered: Alternate years.

SOGY3970. Junior Research in Sociology (1)

The student will begin the process of developing independent research. This may be in cooperation with a professor or senior research student. May be repeated for a maximum of 2 credits.

SOGY4010 Capstone (1)

This course provides students with a context for reflection and self-analysis regarding their educational experience at NNU. The approach in this course to self-analysis and critical reflection is two-fold: 1) students will reflect on their comprehensive educational experience through the lens of the four university outcomes, and 2) students will think about and discuss the integration of their learning with their future, post-university lives. (See CLST4010, CRIM4010, HUMN4010, PSYC4010, SPAN4010)

SOGY4550 Social Psychology (3)

A study of the inter-relationships of individuals and their social environments, including the methods of investigation and some of the theories and findings of the field of social psychology. (See PSYC4512). **Prerequisites:** 3 credits in sociology or 3 credits in psychology.

SOGY4720 Group Theory and Processes (3)

A study of historical and contemporary settings of groups and theoretical foundations of group work, with experience activities involving group dynamics. (See PSYC4720). Offered: Alternate years **Prerequisites:** PSYC3750 or SOWK3550 **Corequisites:** SOGY4720L

SOGY4720L Group Theory and Processes Laboratory (1)

The student will participate as a member of a "training the trainer" group experience. (See PSYC4720L). Offered: Alternate years. **Corequisites:** SOGY4720

SOGY4970 Senior Research in Sociology (1-4)

The student will develop and complete an empirical research project and a written report suitable for submission to a professional journal or the student will assist a faculty member in independent professional research. May be repeated for a maximum of 6 credits.

Prerequisites: Instructor's permission.

SOWK—Social Work**SOWK1720 Social Justice and Modern Society (3)**

This course is an introduction to the recurrent needs of citizens and how society is organized to respond to these needs with an emphasis on small towns and rural communities. The course is organized around the major themes of poverty, socioeconomic class differences, and other major differences among people that interact with poverty and classism. The course includes a review of the history and current nature of social welfare services.

SOWK2110 Introduction to Social Work and Social Welfare (3)

This course is an introduction to the profession of social work and the role of social work in the social welfare system. This course serves as an orientation to the nature of social work practice, the issues that confront social workers, and the types of client systems served by social workers with an emphasis on small towns and rural communities. The course is organized around the major themes of poverty, socioeconomic class differences, and includes a review of the history and current nature of social welfare services. This course will include a service learning component.

SOWK2850 Human Behavior in the Social Environment I: Theoretical Approaches throughout the Lifespan (3)

This is the first of two courses in human behavior in the social environment which will focus on a cell to society approach, paying special attention to small towns and rural communities. This course will review the processes for biological, psychological, intellectual, emotional, and life course development. An ecosystems framework will be employed to give special attention to diversity issues such as ethnicity, social class and discrimination as factors affecting human development. **Prerequisites:** [POLS1030](#), [BIOL1060](#), [PSYC1550](#), [CLTA1550](#), Program admission required.

SOWK2851 Human Behavior in the Social Environment II: Issues of Diversity (3)

The second of two courses in human behavior in the social environment, this course will continue the examination of human behavior as it relates to the life course development. An ecosystems framework will be employed to give special attention to diversity issues such as ethnicity, social class, and discrimination as factors affecting human development. This course will include a service learning component. Fulfills a General Education Level 1 Cross Cultural requirement if taken with SOWK2851CC Intercultural Lab 1. **Prerequisites:** [POLS1030](#), [CLTA1550](#) or [CLTA2030](#), or instructor's approval. Program admission required.

SOWK2970 Urban Field Experience (1)

This course is a several-day urban immersion experience, including coordinated readings. The foci for this course will be to look at services for the homeless and the programs for the development of housing stock for low income people in one major urban area. May be repeated for a maximum of two credits. Fulfills a General Education Level I Cross cultural

requirement if taken with SOWK2970CC Intercultural Lab 1. **Prerequisites:** [SOWK2110](#), or instructor's approval. Program admission required.

SOWK3250 Substance Abuse, Prevention, and Intervention (3)

This course is an overview of the phenomenon of addictions in general and addictions to substances in particular. This course will focus on the role of alcohol, tobacco, and other drugs in American society, the abuse of these substances, and strategies and policies for prevention and intervention of abuse. The skills required to work with substance abusers will be considered. Special attention will be given to the role of macro policies, societal values, and the support systems required for effective intervention and prevention strategies. Offered: Alternate years **Prerequisites:** [SOWK2110](#), or instructor's approval. Program admission required.

SOWK3350 Child Welfare Services (3)

This course is an exploration of the nature and range of child (up to age 18) welfare services offered in the United States with some comparative studies from international social work. Material covering social work intervention strategies, governmental child welfare policies, and societal values regarding these strategies and policies will be introduced. **Prerequisites:** [SOWK2110](#), or instructor's approval. Program admission required.

SOWK3450 Social Work in Health Care (3)

An overview of the need for and the nature of social work practice as it pertains to the increasing need of social work services in health care settings. This course includes a review of the multiple dimensions of aging and the implications of these for social work practices across the lifespan. Material covering social work intervention strategies, governmental policies and programs, and societal values regarding services will be considered. Offered: Alternate years **Prerequisites:** [SOWK2110](#), or instructor's approval. Program admission required.

SOWK3550 Social Work Methods I (3)

This course is a presentation of the basic skills, values, and knowledge bases for social work practice. Emphasis will be placed on the systemic contexts for the profession, its clients, and the nation's social welfare policies while introducing the student to an array of beginning social work practices. The ecosystems perspective for social work practice with an emphasis on rural communities and small towns will be used to focus on the individual and family client systems. **Prerequisites:** [SOWK2110](#), [SOWK2850](#), [SOWK2851](#), Acceptance into Methods Sequence, or instructor's approval. Program admission required.

Corequisites: SOWK3960

SOWK3551 Social Work Methods II (3)

Continuation of SOWK 3550. Students will develop an understanding of social work intervention with a strengths-based model. The ecosystems perspective for social work practice with an emphasis on rural communities and small towns will be used to focus on the individual and family client systems as well as relational systems in organizations and communities. **Prerequisites:** [SOWK2110](#), [SOWK2850](#), [SOWK2851](#), Acceptance into Methods Sequence, or instructor's approval. Program admission required. **Corequisites:** SOWK3961

SOWK3750 Social Welfare Policy (3)

This course offers an investigation of the history, development, and current nature of welfare policies in the United States. Some comparative material with other developed countries will be added for the purposes of teaching and analysis. The dynamic interaction of organizations, rationale, and perspectives behind the policies and programs developed by federal, state, local, and private entities will be reviewed. Strategies for developing, implementing, and/or influencing the development of policies will be studied.

Prerequisites: [SOWK2110](#), Program admission required.

SOWK3960 Field Practice I (1)

This course is an in-agency setting for observation of and engagement in social work practice under the supervision of a skilled practitioner. Students will log 60 hours. Attention will be given to identifying the knowledge, skills, and values bases of the social work profession. During this junior year practicum setting, each student shall practice using the change process approach (including assessment, goal setting, development of strategies, action plans, termination, and evaluation). **Corequisites:** SOWK3550

SOWK3961 Field Practice II (1)

This course is an in-agency setting for observation of and engagement in social work practice under the supervision of a skilled practitioner. Students will log 60 hours. Attention will be given to identifying the knowledge, skills, and values bases of the social work profession. During this junior year practicum setting, each student shall practice using the change process approach (including assessment, goal setting, development of strategies, action plans, termination, and evaluation). **Corequisites:** SOWK3551

SOWK3962 Field Practice III (1)

This course is an in-agency setting for observation of and engagement in social work practice under the supervision of a skilled practitioner. Students will log 40 hours. Attention will be given to identifying the knowledge, skills, and values bases of the social work profession. During this junior year practicum setting, each student shall practice using the change process approach (including assessment, goal setting, development of strategies, action plans, termination, and evaluation). This course is optional.

Prerequisites: Instructor's approval, Program admission required.

SOWK3970 Social Work Research and Statistics (3)

This course is an introduction to research and statistics as tools for understanding and improving social work practice. This course will include a review of traditional scientific research methodologies and alternative perspectives, such as the feminist approach to research. Attention will be given to evaluating descriptive, exploratory, explanatory, and evaluative research (and supportive statistical tools) to improve one's professional practice and agency programs, specifically in rural and small town communities. **Prerequisites:** [SOWK2110](#), [SOWK2850](#), [SOWK2851](#), [SOWK3550](#), [SOWK3551](#), or instructor's approval. Program admission required.

SOWK4094 Topics in Social Work (1)

This course is designed to cover current topics of interest in the field of social work. This course may be repeated for credit. **Prerequisites:** [SOWK2850](#), [SOWK2851](#), Program admission required.

SOWK4960 Social Work Practicum I (3)

This course is a senior-level social work internship in a social service agency. The student is assigned to work under the supervision of a licensed social worker. The placement is chosen to assure that the student attains necessary competencies for entry-level social work. Normally the internship experience is spread across two terms and involves 200 hours of on-location time for each semester.

SOWK4961 Social Work Practicum II (3)

This course is a senior-level social work internship in a social service agency. The student is assigned to work under the supervision of a licensed social worker. The placement is chosen to assure that the student attains necessary competencies for entry-level social work. Normally the internship experience is spread across two terms and involves 200 hours of on-location time for each semester.

SOWK4962 Social Work Practicum III (3)

This course is a senior-level social work internship in a social service agency. The student is assigned to work under the supervision of a licensed social worker. The placement is chosen to assure that the student attains necessary competencies for entry-level social work. Normally the internship experience is spread across two terms and involves 200 hours of on-location time for each semester. This course is optional. **Prerequisites:** Instructor's approval

SOWK4980 Seminar in Social Work I (1)

This course is a senior-level seminar that runs concurrently with Social Work Practicum. This seminar is designed to help students integrate social work theory and social work practice. A small group format is used so that each student contributes to the learning of other students. The focus is for each student to be prepared for entry into generalist social work practice upon graduation. **Corequisites:** SOWK4960

SOWK4981 Seminar in Social Work II/Capstone (1)

This course is a senior-level seminar that runs concurrently with Social Work Practicum. This seminar is designed to help students integrate social work theory and social work practice. A small group format is used so that each student contributes to the learning of other students. The focus is for each student to be prepared for entry into generalist social work practice upon graduation. **Corequisites:** SOWK4961

SOWK4982 Seminar in Social Work III (1)

This course is a senior-level seminar that runs concurrently with Social Work Practicum. This seminar is designed to help students integrate social work theory and social work practice. A small group format is used so that each student contributes to the learning of other students. The focus is for each student to be prepared for entry into generalist social work practice upon graduation. This course is optional. **Prerequisites:** Instructor's approval

SPAN—Spanish**SPAN1010 Elementary Spanish (4)**

For students who wish to begin the study of Spanish. The acquisition of basic vocabulary, sounds and structures with emphasis on conversation. An introduction to Spanish and Hispanoamerican cultures. Fulfills a General Education Level I Cross Cultural Experience if taken with SPAN1010CC Intercultural Lab 1.

SPAN1020 Elementary Spanish (4)

A continuation of SPAN1010. For students who wish to begin the study of Spanish. The acquisition of basic vocabulary, sounds and structures with emphasis on conversation. An introduction to Spanish and Hispanoamerican cultures. Fulfills a General Education Level II Cross Cultural Experience if taken with SPAN1020CC Intercultural Lab 2. **Prerequisites:** [SPAN1010](#), or equivalent

SPAN2010 Intermediate Spanish (4)

For students who have had at least two years of high school Spanish or one year of college Spanish. A refinement of basic skills and structure with continued emphasis on conversation and increasing emphasis on composition and reading. Fulfills a General Education Level II Cross-Cultural Experience if taken with SPAN2010CC Intercultural Lab 2. **Prerequisites:** [SPAN1020](#), or equivalent.

SPAN2020 Intermediate Spanish (4)

A continuation of SPAN2010. For students who have had at least two years of high school Spanish or one year of college Spanish. A refinement of basic skills and structure with continued emphasis on conversation and increasing emphasis on composition and reading. Fulfills a General Education Level II Cross Cultural Experience if taken with SPAN2020CC Intercultural Lab 2. **Prerequisites:** [SPAN2010](#), or equivalent.

SPAN3010 Advanced Conversation and Composition (3)

Extensive conversation with lesser emphasis on composition. Spanish-language media such as television and Internet provides or supplements topics for discussion and writing. Counts for cultural or linguistic credit. May be repeated for credit once. Fulfills a General Education Level II Cross-Cultural Experience if taken with SPAN3010CC Intercultural Lab 2. **Prerequisites:** [SPAN2020](#), or instructor's approval.

SPAN3094 Topics in Hispanic Culture, Literature or Linguistics (3)

Topics of special interest in Hispanic culture (including history), literature, or linguistics. May be taught in Spanish or English. May be repeated for credit. **Prerequisites:** Instructor's permission if course is taught in Spanish.

SPAN3230 Spanish for the Medical Professional (3)

A study of language, forms and culture for medical practitioners. Useful for students majoring in nursing, biology or chemistry. Basic conversation and communication are taught, along with highly specialized terminology. **Prerequisites:** [SPAN2020](#)

SPAN3240 Spanish-Language Children's Literature (3)

A study of various U.S. and Latin American authors of children's literature in Spanish. The course addresses the cultural and linguistic differences and similarities of Spanish language children's literature. Various perspectives, genres and literary styles will be explored. In the course, students will examine the nature of language construction and the construction of meaning in the social context. **Prerequisites:** [SPAN2020](#), or instructor's approval.

SPAN3310 Hispanic Civilization (3)

Historical survey to the present with focus on varying themes from sociology, politics, religion and literature. The course alternates between a focus on Hispanoamerica and Spain in coordination with SPAN3510 Survey of Hispanic Literature. May be repeated once for credit. **Prerequisites:** [SPAN2020](#), or instructor's approval.

SPAN3420 Introduction to Spanish Linguistics (3)

A study of the basics of phonetics, phonology, syntax, and lexicon of Spanish.

Prerequisites: SPAN2010, or instructor's approval.

SPAN3510 Survey of Hispanic Literature (3)

A survey of Spanish literature from the medieval or colonial times to the present. Includes the genres of poetry, drama, and novel. The course alternates between a focus on Hispanoamerica and Spain in coordination with SPAN3310 Hispanic Civilization. May be repeated once for credit. **Prerequisites:** SPAN2020, or instructor's approval.

SPAN3630 Teaching Foreign Language in the Secondary School (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to assist and teach a minimum of 20 hours. (See EDUC3630) **Prerequisites:** Junior classification, Program admission required. **Corequisites:** EDUC3750, EDUC3510

SPAN3950 Spanish Field Experience (1-4)

Language and culture field experience in the local community or the international setting. Students who work with predominantly Hispanic clientele, translate for a business, participate or volunteer in Hispanic Community events, or are in other ways using their Spanish may enroll in the field experience for credit. Up to 4 semester credits may be earned through the Spanish field experience. The field experience may be completed over one or more semesters during the academic year, depending on the nature of the experience and subject to approval by the chair of the department.

SPAN4010 Capstone (1)

This course provides students with a context for reflection and self-analysis regarding their educational experience at NNU. The approach in this course to self-analysis and critical reflection is two-fold: 1) students will reflect on their comprehensive educational experience through the lens of the four university outcomes, and 2) students will think about and discuss the integration of their learning with their future, post-university lives. (See CLST4010, CRIM4010, HUMN4010, PSYC4010, SOGY4010)

SPAN4970 Senior Thesis (3)

A capstone experience involving the writing of a major research paper under the close supervision of a faculty member. The paper is subject to multiple stages of criticism and rewriting. The Spanish Senior Thesis integrates the study of language and culture with the sociological approach of symbolic interactionism and the works of Blumer, Mead, Denzin, and other contemporary theorists. Required of all Spanish majors.

STSK—Study Skills**STSK1210 University Success (1)**

Students will learn several useful strategies for maximizing self-awareness, establishing goals, developing interdependence, identifying learning styles, managing time, taking notes, reading a textbook, and taking tests while developing self-management and self-motivation. Grade of C- or higher must be earned to satisfy provisional admittance requirement.

STSK1320 Computer Applications- Introduction to Word Processing (1)

A self-study course of word processing concepts. This course will be graded Pass/Fail.

STSK1330 Computer Applications- Introduction to Spreadsheets (1)

A self-study course of spreadsheet concepts. This course will be graded Pass/Fail.

STSK1350 Computer Applications- Introduction to Electronic Presentations (1)

A self-study course of electronic presentation concepts. This course will be graded Pass/Fail.

STSK1410 Reading Strategies (1)

An independent study course that assists readers in developing higher level reading skills while increasing reading speed and comprehension. Focus will also be given to strategies for reading different types of documents.

STSK1510 Mathematics Strategies (1)

An individualized study of mathematics emphasizing re-entry, review, or development of mathematics competency in new areas. May be repeated a maximum of six times for credit.

STSK1610 English Strategies (1)

An individualized study of English writing conventions necessary to develop effective prose writing.

STSK1810 Major and Career Exploration: A Strengths-Based Approach (2)

This course is designed to assist students in their major and career exploration process. Activities and course assignments are interactive and reflective in nature, and include self and career exploration, in-class and outside of class activities, usage of career assessment resources, exploration of academic majors and career options.

STSK3120 Academic Peer Mentoring (1)

This course is required of Academic Peer Mentors within the Center for Academic Success and Advising. It is a one semester, one credit, letter grade course consisting of learning theory and skill training for coaching provisionally admitted freshmen. Topics include: time management, sensory learning preferences, note-taking, reading strategies, test taking, memory, education and development theory, motivation, self-regulation, wellness, and other general university study skills. May be repeated for credit. **Prerequisites:**

Instructor's approval

STSK3710 Career and Life Planning: Preparing for the Journey (2)

This course will assist students with many aspects of transitioning from NNU, including clarifying strengths and goals, marketing yourself to find a meaningful job/career path, and exploring adjustments to change. Activities and course assignments will be interactive and will include creating a vision for life and work, learning how to develop job search skills and tools.

STSK4120 Writing Consulting (1)

This class is required of all writing consultants in the Center for Academic Success and Advising. It is a semester long, one credit course that covers the basics of composition theory and writing mentorship. It is designed to support writing center consultants as they engage in peer-tutoring capacities. **Prerequisites:** Instructor's approval

THEO—Theology

THEO2100 Introduction to Christian Theology (3)

A study of the essential doctrines of the Christian faith in systematic form. The underlying foundation will be biblical faith, with special emphasis given to the interpretation of the Wesleyan-Arminian tradition. This course is designed for general students. **Prerequisites:** [BIBL1100](#)

THEO3094 Topics in Theology (1-3)

An examination of some phase of theology not covered in other courses. May be repeated for credit. **Prerequisites:** [THEO2100](#)

THEO3410 Philosophy and Literature of Existentialism (3)

A study of the major concepts of existential philosophy along with the literary styles that are used by the major existential thinkers. The study will include Kierkegaard, Nietzsche, Sartre, Camus, Tillich, and Buber. Offered: Alternate years. (See PHIL3410)

THEO3540 Christian Holiness (3)

A study of the doctrine of Christian perfection, stressing its biblical and historical background with particular attention to its development in the writings of John Wesley and the Wesleyan Holiness tradition. Special emphasis will be given to spiritual formation aspects of entire sanctification. This course is designed for general students.

Prerequisites: [BIBL1100](#), [THEO2100](#)

THEO3560 Theological Explorations of Evangelism (3)

A study of the various historical and contemporary expressions of evangelism from a theological perspective. The course seeks to help students develop a theological understanding of evangelism within the broader categories of ecclesiology and discipleship, as well as enabling them to reflect on and evaluate different methods often associated with evangelistic practices. **Fees:** Additional fee required.

THEO3580 Love (3)

An examination of theological and philosophical aspects of love. There will be a spiritual formation project. **Fees:** Additional fee required. **Prerequisites:** [THEO2100](#)

THEO3590 Theology of the Church (3)

An advanced study of ecclesiology exploring the relationship between communal worship, Christian belief, and ethics. The course will also explore the biblical and theological background of various Christian traditions, the relationship of the Church to culture, current ecclesiological shifts, and the trajectory of the Church in a postmodern culture.

Prerequisites: [THEO2100](#)

THEO3620 Science and Christian Faith (3)

The primary objective of the course is to enhance the interdisciplinary dialogue taking place between science and theology. To accomplish this, the course will explore several core scientific theories and how these theories impact Christian theology. The three primary scientific theories covered in this course are cosmology and the big bang, the theory of macroevolution, and quantum physics. Each of these scientific theories has a significant impact on Christian theology. For instance, the big bang raises questions related to creation, provides evidence for a literal “beginning” and supports the argument from fine tuning. Similarly, evolution raises questions about the historical accuracy of Genesis 1-3, the fall, original sin, and the imago dei. Each of these theological views will be explored in

depth. Finally, quantum physics calls into question the determinism of a clockwork universe and opens the door to chaos, indeterminacy and potentially human freedom. The key questions undergirding the course are as follows. How does modern science aid the theological process? How has Christian faith aided the rise of modern science? How does modern science challenge some theological views? What are the limits of natural science in relation to the Christian faith? See PHIL3620.

THEO4240 Theology of Holiness (2)

A study of the theology of entire sanctification designed for Christian Ministry majors. Emphasis will be given to its biblical and historical background, especially as developed by John Wesley and the Wesleyan Holiness tradition. **Prerequisites:** [BIBL1100](#), [THEO2100](#)

THEO4530 Christian Theology I (3)

An advanced systematic study of the Christian faith from a Wesleyan perspective, with particular reference to historical development and contemporary understanding. The subjects include Theological Methodology, Revelation and Inspiration, the Trinitarian God, Humanity, and Sin. **Fees:** Additional fee required. **Prerequisites:** Two courses in theology, or instructor's approval.

THEO4540 Christian Theology II (3)

An advanced systematic study of the Christian faith from a Wesleyan perspective, with particular reference to historical development and contemporary understanding. The subjects include Christology, Soteriology, Pneumatology, Christian Ethics, and Eschatology. **Fees:** Additional fee required. **Prerequisites:** 2 courses in Theology, or instructor's approval.

THEO4900 Religion Capstone (1)

The course evaluates how students in the Department of Philosophy and Religion have integrated theology and ministry practice through the use of case studies. The case studies will provide a context for faculty to assess whether students have integrated the university outcomes in their understanding of Christian ministry.

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Master of Divinity and Master of Arts in Missional Leadership: Jay Akkerman, Director

Master of Divinity and Master of Arts in Spiritual Formation: Jay Akkerman, Director

Academic Services: TBD, Dean

Center for Academic Success and Advising: Heidi L. Tracht, Director

Instructional Design and Technology: Jesse Buchholz, Director

Library Services: Amy Rice, Director

Registrar: Nancy Ayers

OFFICE OF FINANCE AND OPERATIONS

Vice President for Finance and Operations: TBD

Controller: Macey Crow

Assistant Controller: TBD

Campus Store/Post Office: Gail Walker, Manager

Conferences and Events: Bryce Quarve, Director

Facilities: Jade Anderson, Director

Financial Aid: Ann Crabb, Director

Food Service: Andrew Chaplin, Director

Human Resources: Sherry Hartman, Director

Information Technology Services: Sal Simili, Director

OFFICE OF STUDENT LIFE

Vice President for Student Life: Carey W. Cook

Student Life

Campus Safety: Darrel Stewart

Career Center: Amanda Marble

Community Life: Grant Miller, Director

Counseling: Jeff Edmiston, Malinda Poe

Residential Life: Karen Pearson, Director

Corlett Hall: Mark Baas

Culver Hall: Roman Lyon

Dooley Hall: Stacy Freiburghaus

Ford Hall: Jennifer Miller

Kirkeide Apartments: Jeb Anderson

Olsen Apartments: Jeb Anderson

Sutherland Hall: Robert Poe

Retention Officer: Amanda Marble

Wellness Center: Terri Blackburn, Director

Athletics

Athletic Director: Kelli Lindley

Assistant Athletic Director: Alison Larson

Director of Facilities and Events: Jeanette Jenkins

Office Manager: Molly Kling

Sports Information Director: Mike Stetson

Head Athletic Trainer: Ken Becker

Assistant Athletic Trainer: Jaime May

Faculty Athletic Representative: Duane L. Slemmer

Baseball, Head Coach: Rocke Musgraves

Baseball, Assistant Coaches: Nathan Bobrowski, Jason Krohn, Jeremy Richardson

Basketball, Men's Head Coach: Scott Flemming

Basketball, Men's Assistant Coaches: Bobby Gantt, Jon Hawkins, Paul Rush

Basketball, Women's Head Coach: Steve Steele

Basketball, Women's Assistant Coaches: Elpidia Allen, Laci Effenberger

Golf, Men's and Women's Head Coach: Craig Stensgaard

Golf, Men's and Women's Assistant Coaches: Chris Jensen, Scott Nicholes, Fred Sutton

Soccer, Men's Head Coach: Joel DeLass

Soccer, Men's Assistant Coach: Dane Manley

Soccer, Women's Head Coach: Mary Trigg

Soccer, Women's Assistant Coaches: Dane Manley, Jen O'Neill

Softball, Head Coach: Rich Wagner

Softball, Assistant Coach: Lela Work

Track & Field/Cross Country, Men's and Women's Head Coach: John Spatz

Track & Field Associate Head Coach: Nick Collins

Cross Country Associate Head Coach & Assistant Track Coach: Jake Perry

Track & Field/Cross Country, Men's and Women's Assistant Coaches: Dustin

Ainsworth, Jenny Perry

Volleyball, Head Coach: Doug English

Volleyball, Assistant Coach: Collin Hartman

OFFICE OF EXTERNAL RELATIONS

Vice President for External Relations: TBD

University Advancement

Associate Vice President for Advancement and Executive Director, NNU Foundation, Inc.:
Mark Wheeler

Alumni Relations and University Fund: Darl Bruner, Director

Alumni Relations: Deb Cano, Associate Director

Estate and Gift Planning: Robert Depew

Foundations and Corporations: Bryon Knight, Development Officer

Scholarships and Planned Giving: Shelley Eilers, Associate Director

University Fund: Judi Jahn, Associate Director

Admissions

Associate Vice President for Admissions: TBD

Admissions: Graduate, Adult and Professional Programs

Executive Director: Shawn Blenker

Senior Admissions Counselor: Lynette Kingsmore

Admissions Counselors: Charlene Brown, Stacey Bullard, Stacey Little

Admissions: Traditional Undergraduate

Executive Director: Shawn Blenker

Associate Director for Recruitment: Josh Hodges

Assistant Director for Transfer Outreach and International Student Admissions: Richard Vasquez

Senior Admissions Counselor: Courtney Gilbert

Admissions Counselor for Asian Recruitment: Dillon Luo

Admissions Counselors: Roger Evenson, Nate Jansen, Christian Rohnert

Admissions Counselor/Campus Visit Coordinator: Angela Monroe

Veteran Services

Director: TBD

Marketing and Communications

Associate Vice President for Marketing and Communications: TBD

Development: Zac Vineyard, Director

Marketing: Kendra Lubiens, Director

Media Relations: Robert O'Donahue, Director

Marketing and Media Specialist: Melissa Smith

Web and Digital Media Specialist: Linnea Hanson

Faculty

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B.A., Northwest Nazarene University; M.A., Boise State University

Jay Akkerman (2003-), Professor of Practical Theology

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; D. Min., Asbury Theological Seminary

Donna M. Allen (2003-), Associate Professor of Communication

B.A., M.A., Eastern Nazarene College; M.A., Ph.D., University of Connecticut

Tim Anstine (1999-), Associate Professor of Chemistry

B.A., Point Loma Nazarene University; Ph.D., University of Nevada

Nancy Ayers (2006-), Registrar

B.A., Arizona State University; M.B.A., Northwest Nazarene University

Joseph Bankard (2007-), Associate Professor of Philosophy

B.A., Point Loma Nazarene University; M.A., San Diego State University; Ph.D., Claremont Graduate University

Mike Bartlett (2013-), Instructor of Graphic Design

B.A., Northwest Nazarene University

Catherine Becker (2016-), Assistant Professor of Academic Support

B.A., Northwest Nazarene University; M.A., Mercy College

David Blowers (2008-), Assistant Professor of Sociology

B.A., Mid America Nazarene University; M.A., Azusa Pacific University; M.A., Northwest Nazarene University

Lynn Bohecker (2016-), Assistant Professor of Counseling

B.S., University of Wisconsin-Stout; M.S., California State University-Sacramento; Ph.D., Idaho State University

Rick Boyes (2014-), Assistant Professor of Counseling

B.S., Boise State University; M.A., Idaho State University; Ph.D., Idaho State University

Jesse Buchholz (2013-), Assistant Professor of Instructional Design and Technology

B.A., Dickinson State University; M.Ed., University of Phoenix; Ed.S., Northwest Nazarene University

Duke Bulanon (2011-), Associate Professor of Engineering

B.S., University of San Carlos, Philippines; M.Ag., IWATE University, Japan; D.Ag.S., IWATE University, Japan

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B.A., The College of Idaho; M.S.W., Northwest Nazarene University; Ph.D., Northwest Nazarene University

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David Chaplin (2009-), Professor of Business

B.A., University of California, Santa Cruz; M.S., Texas Christian University; Ph.D., Colorado State University

Jennifer Chase (1996-), Professor of Biology

B.A., Point Loma Nazarene University; Ph.D., Yale University

Casey Christopher (2000-), Professor of Music

B.Mus., University of Oregon; M.Mus., D.M.A., Arizona State University

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B.A., Boise State University; M.Ed., Northwest Nazarene University

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B.S., M.S., University of Alberta; Ph.D., California Institute of Technology

Carey W. Cook (2001-), Vice President for Student Life

B.A., Point Loma Nazarene University; M.Ed., The College of Idaho; Ph.D., University of Idaho

John Cossel, Jr. (1999-), Professor of Biology

B.A., Northwest Nazarene University; M.S., Oregon State University; D.A., Idaho State University

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B.A., M.Ed., Ed.S., Ed.D., Northwest Nazarene University

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Fred C. Fullerton (2009-), Executive Director, Office of University Mission and Ministry

Th.B., Olivet Nazarene University; M.Div., Nazarene Theological Seminary; D.D. Eastern Nazarene College

Ronald R. Galloway (1995-), Professor of Psychology

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Eric J. Kellerer (1998-), Director of The Doceō Center

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Paula Kellerer (2010-), Dean, College of Adult and Graduate Studies; Associate Professor of Education

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Dan Lawrence (2001-), Professor of Physics

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B.Sc., M.Sc., University of the Witwatersrand; Ph.D., University of South Africa

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B.A., Northwest Nazarene University; M.S., Baylor University

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Judy L. Marlett (1996-), Professor of Music

B.S., Roberts Wesleyan College; M.M., Ithaca College; D.A., Ball State University

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B.A., Northwest Nazarene University; M.A., Boise State University

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B.S., Northwest Nazarene University; M.S., Walden University; D.N.P., North Dakota State University

Dustin Metcalf (2014-), Director of Spiritual Formation and University Chaplain

B.A., Northwest Nazarene University; MA., Nazarene Theological Seminary

Olivia Metcalf (2014-), Director of Spiritual Formation and University Chaplain

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary

Philip Miller (2013-), Professor of Music

B.M.E., Oklahoma Baptist University; M.M., D.M.A., University of Oklahoma

Barry L. Myers (1998-), Associate Professor of Computer Science

B.S., Southern Nazarene University; M.S., Oklahoma State University; Ph.D., University of North Texas

Jamee C. Nixon (2007-), Associate Professor of Biology

B.S., Northwest Nazarene University; M.S., University of Southern Maine; Ph.D., University of Oklahoma Health Sciences Ctr.

Daniel F. Nogales (1994-), Dean of the College of Arts and Sciences; Professor of Chemistry

B.A., Point Loma Nazarene University; Ph.D., University of Nevada, Reno

Thomas Jay Oord (2002-), Professor of Theology and Philosophy

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; M.A., Ph.D., Claremont Graduate University

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A.S., College of Western Idaho; M.S.N., Northwest Nazarene University

William Packard (1999-), Professor of Physics

B.S., Olivet Nazarene University; M.S., Ph.D., University of Wisconsin-Madison

Shannon Panfilio-Padden (2016-), Assistant Professor of Education

A.A., Lassen Community College; B.A., Whitworth University; M.A., Concordia University; Ed.S., Ph.D., Northwest Nazarene University

Steve Parke (2010-), Professor of Engineering

B.S., M.S., Purdue University; Ph.D., University of California, Berkeley

Joel K. Pearsall (2015-), President

B.A. Northwest Nazarene University; J.D., Willamette University College of Law

Brent D. Peterson (2007-), Associate Professor of Theology

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; Ph.D., Garrett-Evangelical Theological Seminary

Michael Pitts (2008-), Associate Professor of Counseling

B.A., Point Loma Nazarene University; M.A., University of Missouri; Ph.D., University of Idaho

E. Michael Poe (1998-), Professor of Education

B.A., Northwest Nazarene University; M.Ed., The College of Idaho; Ed.S., Ed.D., University of Idaho

Amy C. Rice (2014-), Assistant Professor of Library Services

B.A., Northwest Nazarene University; M.S.L.S., Simmons College; M.A., Northwest Nazarene University

Stephen Riley (2011-), Assistant Professor of Old Testament

B.A., Southern Nazarene University; M.Div., Southern Methodist University; Ph.D., Southern Methodist University

Ryan M. Roberts (2014-), Assistant Professor of Education

B.A., Northwest Nazarene University; M.Ed., Northwest Nazarene University; M.A., Northwest Nazarene University; D.Min., Drew University

Gregg D. Russell (2014-), Assistant Professor of Innovation

B.S., Boise State University; M.Ed., University of Idaho; Ed.S., Northwest Nazarene University

LoriAnn Sanchez (2012-), Associate Professor of Education

B.A., M.Ed., Northwest Nazarene University; Ph.D., University of Hawaii at Manoa

Roger Schmidt (1986-), Associate Professor of Kinesiology

B.A., Northwest Nazarene University; M.A., Central Michigan University

Stephen Shaw (1979-86, 1987-), Professor of Political Science

B.A., Southern Nazarene University; M.A., Ph.D., University of Oklahoma

Scott A. Slater (2007-), Assistant Professor of Social Work

B.A., Northwest Nazarene University; M.S.W., Walla Walla College

Duane L. Slemmer (1997-), Professor of Education and Media Technology

B.A., Northwest Nazarene University; M.S., Western Oregon State University; Ed. D., Boise State University

LeAnn Stensgaard (2001-), Assistant Professor of Social Work

B.A., Northwest Nazarene University; M.S.W., Walla Walla College

Julie Straight (2004-), Associate Professor of English

B.A., Wheaton College; M.A., University of North Carolina; Ph.D., University of North Carolina at Chapel Hill

Bethani Studebaker (2015-), Assistant Professor of Education

B.A., Idaho State University; M.Ed., University of Idaho; Ed.D., University of Idaho

John D. Stutz (2013-), Assistant Professor of Engineering

B.S., University of Alabama; M.S., University of Alabama in Birmingham; Ph.D., University of Alabama in Huntsville

Leonie L. Sutherland (2014-), Professor of Nursing

B.S., University of Phoenix; M.S., Azusa Pacific University; Ph.D., University of San Diego

Fred Sutton (2012-), Associate Professor of Business

B.S., California State University; M.B.A., Keller Graduate School of Management; D.B.A., Argosy University

Mollie M. Sweet (2003-), Associate Professor of Business

B.S., Miami University; M.B.A., Northwest Nazarene University; Ph.D., Northcentral University

David S. Tarrant (2012-), Vice President for Finance and Operations

B.B.A., The University of Toledo, OH; M.B.A., Crown College

Maureen Tarrant (2016-), Instructor of Nursing

B.A., University of Western Ontario/Kings College; B.S., Crown College

Richard P. Thompson (2007-), Professor of Biblical Studies

B.A., Olivet Nazarene University; M.Div., Nazarene Theological Seminary; Ph.D., Southern Methodist University

Heidi L. Tracht (2010-), Assistant Professor of Academic Advising & Testing, Director

B.S., Olivet Nazarene University; M.S., Capella University

Jamie Tucker (2006-), Associate Professor of Art

B.A., Saint Mary-of-the-Woods College, M.F.A., Indiana State University

George Turner (1974-), Associate Professor of Music

B.A., Northwest Nazarene University; M.A., University of Denver

Devon Van Essen (2011-), Instructor of English

B.A., Northwest Nazarene University; M.A., University of Oregon

Dennis R. Waller (1982-87, 1990-), Professor of Concurrent Credit

B.A., Northwest Nazarene University; M.A., Boise State University; Ed.D., Seattle University

Konya Weber (2001-), Professor of Business

B.A., Mount Vernon Nazarene University; M.B.A., St. Joseph's University; Ph.D., Touro University International

Jane Weis (2013-), Assistant Professor of Nursing

B.S., University of San Francisco; M.S.N., University of Cincinnati

Alan Wheatley (2001-), Associate Professor of World History

B.A., Point Loma Nazarene University; M.Div., Nazarene Theological Seminary; C.Phil., Ph.D., University of California, Los Angeles

B. Joseph Willey (2012-), Instructor of English as a Second Language

B.A., M.Ed., Mid-America Nazarene University

Celia I. Wolff (2014-), Assistant Professor of Biblical Studies

B.A., Seattle Pacific University; M. Div., Duke University Divinity School

Arnold Ytreeide (2005-), Associate Professor of Mass Communications

B.A., Northwest Nazarene University; M.A., Boise State University; Ph.D., University of Vallaais

Bonnie J. Zaroban (2009-), Assistant Professor of Nursing

B.S.N., M.S.N., University of Nebraska Medical Center

President Emeritus

Richard A. Hagood (1985-2008), President; Education

B.A., Northwest Nazarene University; M.S., University of Oregon; Ph.D., University of Illinois Urbana-Champaign

Vice Presidents Emeriti

Samuel L. Dunn (1994-2002; 2007-2010), Vice President for Academic Affairs, Business and Mathematics

B.A., B.S., Olivet Nazarene University; M.S., University of Wisconsin-Milwaukee; M.B.A., University of Puget Sound; Ph.D., University of Wisconsin-Milwaukee; D.B.A., Northcentral University

Kenneth D. Hills (1989-1998), Vice President for Student Development, Psychology

B.A., Northwest Nazarene University; M.A., Ph.D., University of Wyoming

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Faculty Emeriti

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Karen Blacklock (1997-2014), Education

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Marvin R. Bloomquist (1958-1994), Music

B.A., B.Mus., Northwest Nazarene University; M.A., University of Minnesota; D.M.A., University of Missouri-Kansas City Conservatory of Music

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B.A., Northwest Nazarene University; M.A.T., Lewis and Clark College

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C.S. Cowles (1975-1984, 1986-2001), Religion

B.A., Azusa Pacific University; B.D., Nazarene Theological Seminary; S.T.D., San Francisco Theological Seminary

Richard D. Craig (1992-2007), Education

B.A., The College of Idaho; M.Ed., The College of Idaho; Ed.D., Brigham Young University

Edwin Crawford (1976-2009), Philosophy, Religion

B.A., Northwest Nazarene University; M.A., Whitworth College; L.H.D., Northwest Nazarene University

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B.A., Point Loma University; M.A. Claremont Graduate School; Ph.D., Oklahoma State University

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B.A., Northwest Nazarene University; M.A., University of Colorado; Ph.D., University of Idaho

Double E. Hill (1948-1986), Music

B.Mus., Northwest Nazarene University; M.Mus., University of Idaho; Ph.D., University of Illinois

Reginald Hill (1969-2008), English

B.A., George Fox University; M.A., University of Oregon

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B.A., Northwest Nazarene University; M.S., Indiana University; Ed.D., University of Idaho

Jean Horwood (1969-1992), Physical Education

B.S., Ursinus College; M.Ed., Temple University

W. Arthur Horwood (1969-1992), Physical Education

B.A., Roberts Wesleyan College; M.A., Ed.D., Michigan State University

Jerry Hull (1978-2007), Social Work

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; M.A., University of Nebraska at Omaha; M.S.W., University of Tennessee

Arthur Imel (1964-1994), Chemistry

B.S., Willamette University; M.S., Ph.D., Oregon State University

Chris Kapicka (1994-2008), Biology

B.S., Boise State University; M.S., Washington State University; Ph.D., University of Nevada, Reno

Fred Knight (1964-1986), Education

B.A., Th.B., Northwest Nazarene University; M.A., University of Wichita; Ed.D., University of Southern California

Ruth A. Long (1946-1984), Art

B.A., Northwest Nazarene University; M.A., University of Idaho

George Lyons (1991-2013), Professor of Biblical Studies

B.A., Olivet Nazarene University; M.Div., Nazarene Theological Seminary; Ph.D., Emory University

Janine Lytle (1968-1994), French

B.A., Northwest Nazarene University; M.A., University of Washington

Thomas E. Mangum (1982-2006), Biology

B.A., Northwest Nazarene University; M.A., Ed.D., Ball State University

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B.A., Northwest Nazarene University; M.S., Massachusetts Institute of Technology; Ph.D., Oregon State University

Larry McMillin (1986-2012), Professor of Education, Extended University Services

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Elizabeth Murtland (1987-1998), Family and Consumer Sciences

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Lynn R. Neil (1981-2001), English

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Earl Owens (1960-1998), Speech Communication

B.A., University of California; M.A., Stanford University; Ed.D., University of Northern Colorado

Ronald Ponsford (1976-2013), Dean, School of Arts, Humanities and Social Sciences; Professor of Psychology

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Leon Powers (1974-2006), Biology

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Francis Sharpton (1970-2001), Physics

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Barry Swanson (1991-2015), Music

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Ernest L. Thompson (1974-1998), Education

B.A., Northwest Nazarene University; M.Nat.Sc., University of Idaho

Merilyn Thompson (1970-79, 1988-2006), Registrar; Communication Studies

B.A., Northwest Nazarene University; M.S., Portland State University

Eula Tombaugh (1958-1983), Home Economics

B.S., Iowa State University; M.A., University of Minnesota

Richard Van Schyndel (2008-2016), Business

B.S., Northwest Nazarene University; M.A.M., University of Redlands; A.B.D., NOVA Southeastern University

Gary Waller (1997-2004; 2009-2016), Spiritual Formation

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; D. Min., San Francisco Theological Seminary

Kenneth F. Watson (1985-1998), Assistant to the President; Chemistry

B.A., Northwest Nazarene University; Ph.D., Oregon State University

Lilburn Wesche (1961-1981, 1988-1997), Education

B.A., Northwest Nazarene University; M.Ed., Trinity University; Ed.D., University of Northern Colorado

Jim Willis (1966-2006), Music

B.A., Northwest Nazarene University; M.Mus., University of Portland; D.M.A., University of Missouri-Kansas City

JoAnn Willis (1968-2006), Dean, School of Academic Resources; Psychology

B.A., Northwest Nazarene University; M.A., University of Missouri-Kansas City; Ph.D., Oregon State University

Robert C. Woodward (1958-1991), History

B.A., Northwest Nazarene University; M.A., Ph.D., University of Oregon

Kenneth Yoder (1980-2007), Mathematics

B.A., Eastern Nazarene College; M.Ed., University of North Carolina; M.A., University of California-Los Angeles

Senior Fellows

Clark Childers (2004-), Physics

B.A., California State Polytechnic University, Pomona; M.S., University of Idaho; Sc.D., Point Loma Nazarene University

Samuel L. Dunn (1994-2002; 2007-2010) Vice President for Academic Affairs, Business and Mathematics

B.A., B.S., Olivet Nazarene University; M.S., University of Wisconsin-Milwaukee; M.B.A., University of Puget Sound; Ph.D., University of Wisconsin-Milwaukee; D.B.A., Northcentral University

Mark Gismondi (2014-), Political Science and International Studies

B.A., Ph.D., University of Oklahoma; M.A., The University of Central Oklahoma

Wallace C. Johnson (1993-), Chemistry

B.A., Northwest Nazarene University; M.S., New Mexico Highlands University

Academic Calendar

Fall Semester
2017

Aug 25-28	Fri-Mon	New Student Orientation, Testing, and Registration
Aug 28	Monday	Returning Student Registration
Aug 29	Tuesday	Classes Begin: Semester & Quad I
Aug 30	Wednesday	Last Day to Enroll at NNU
Sept 4	Monday	Labor Day (Student Holiday)
Sept 6	Wednesday	Last Day to Add a Semester and Quad I Class
Sept 8	Friday	Last Day to Drop a Semester and Quad I Class without a 'W'
Sept 26	Tuesday	Last Day to Withdraw from a Quad I Class with a 'W'
Oct 9-10	Mon-Tues	Fall Break (Student Holiday)
Oct 18	Wednesday	Quad I Classes End
Oct 19-20	Thurs-Fri	Final Examinations for Quad I
Oct 23	Monday	Quad II Classes Begin
Oct 24	Tuesday	Mid-Term and Quad I Grades Due
Oct 30	Monday	Last Day to Add a Quad II Class
Oct 31	Tuesday	Early Registration Advising Session
Nov 1	Wednesday	Last Day to Drop a Quad II Class without a 'W'
Nov 3	Friday	Last Day to Withdraw from a Semester Class with a 'W'
Nov 17	Friday	Last Day to Withdraw from a Quad II Class with a 'W'
Nov 22-24	Wed-Fri	Thanksgiving (Student Holiday)
Dec 8	Friday	Last Day of Undergraduate Classes
Dec 11-14	Mon-Thurs	Final Examinations
Dec 19	Tuesday	Grades Due

Spring Semester
2018

Jan 8	Monday	Check-In, Registration, and Testing
Jan 9	Tuesday	Classes Begin: Semester & Quad I
Jan 10	Wednesday	Last Day to Enroll at NNU
Jan 15	Monday	Martin Luther King Day (Student Holiday)
Jan 17	Wednesday	Last Day to Add a Semester and Quad I Class
Jan 19	Friday	Last Day to Drop a Semester and Quad I Class without a 'W'
Feb 6	Tuesday	Last Day to Withdraw from a Quad I Class with a 'W'
Feb 19	Monday	President's Day (Student Holiday)
Feb 28	Wednesday	Quad I Classes End
Mar 1-2	Thurs-Fri	Final Examinations for Quad I
Mar 5	Monday	Quad II Classes Begin
Mar 6	Tuesday	Mid-Term and Quad I Grades Due
Mar 12	Monday	Last Day to Add a Quad II Class
Mar 14	Wednesday	Last Day to Drop a Quad II Class without a 'W'
Mar 16	Friday	Last Day to Withdraw from a Semester Class with a 'W'
Mar 26-Apr 2	Mon-Mon	Semester Break & Easter Monday
Apr 3	Tuesday	Early Registration Advising Session
Apr 10	Tuesday	Last Day to Withdraw from a Quad II Class with a 'W'
Apr 27	Friday	Last Day of Undergraduate Classes
APR 30-May3	Mon-Thurs	Final Examinations
May 4	Friday	Baccalaureate
May 5	Saturday	Commencement
May 8	Tuesday	Grades Due

Important Contact Numbers

Admissions	208-467-8000
Toll Free	1-877-NNU-4-YOU
Athletics	208-467-8876
Bookstore	208-467-8844
Career Center	208-467-8402
Center for Academic Success and Advising (CASA)	208-467-8463
Center for Professional Development	208-467-8495
Concurrent Credit	208-467-8373
Express Education	208-467-8373
Financial Aid	208-467-8638
Food Service	208-467-8667
Off Campus Study and Study Tours	208-467-8870
Registrar's Office	208-467-8548
Security	
24/7 Campus EMERGENCY	208-467-8911
Administration* (Non-Emergency)	208-467-8550
Student Life	208-467-8643
Summer Session	208-467-8495
Veterans Services	208-467-8503
Wellness Center	208-467-8466

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