



**NORTHWEST**  
NAZARENE UNIVERSITY

# Traditional Undergraduate Catalog

2021-2022

# Traditional Undergraduate Catalog 2021-2022

Northwest Nazarene University  
623 S University Blvd.  
Nampa, ID 83686  
208-467-8011  
[www.nnu.edu](http://www.nnu.edu)

The University reserves the right to make changes, whenever deemed by the University administration as necessary or desirable to all content in this catalog. Including but not limited to, the following; programs, calendars, academic policies, tuition and fees, class schedules, and course content. This includes the right to cancel scheduled classes or other academic and non-academic activities.

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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 an 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 1970s. The name of the institution was changed from Northwest Nazarene College to Northwest Nazarene University in 1999.

Northwest Nazarene University presently offers six associate degree majors, 40 bachelor's degree majors, nine master's degrees, an education specialist degree and two doctoral degrees. In addition to attending programs on the home campus and or online, NNU students may study in cooperative programs in 35 countries around the world. Northwest Nazarene University serves approximately 1,300 undergraduate students, 700 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 offering courses at our main campus, NNU also offers graduate courses in and Idaho Falls, Idaho. NNU also offers a variety of undergraduate and graduate programs in online formats that reach around the globe.

## **Students**

NNU serves 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 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, programs in the following departments are accredited by nationally-recognized specialized accrediting boards:

- Business: Accreditation Council for Business Schools and Programs (ACBSP).
- Concurrent Credit: National Alliance Concurrent Enrollment Programs (NACEP).
- Counseling: Council for Accreditation of Counseling and Related Educational Programs (CACREP).
- Education: National Council for Accreditation of Teacher Education (NCATE).
- Engineering: Accreditation Board for Engineering Technology (ABET).
- Music: National Association of Schools of Music (NASM).
- Nursing: Commission on Collegiate Nursing Education (CCNE).
- Social Work: Council on Social Work Education (CSWE).
- Graduate School of Theology: Commission on Accrediting of the Association of Theological Schools (ATS)

## **Affiliations**

The Graduate School of Theology's pastoral ministry core of the Master of Divinity and the Master of Arts in 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:

- Association of Christian Schools International (ACSI)
- Association of Governing Boards (AGB)
- Council for Christian Colleges & Universities (CCCCU)
- Council of Independent Colleges (CIC)
- National Association of Independent Colleges and Universities (NAICU)

#### Nazarene Sister School University Programs

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

## **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.

### **Context for Mission**

Founded in 1913, NNU is a Christian university of the liberal arts, professional programs, and graduate studies. The University is grounded in the Wesleyan-Arminian tradition and is in partnership with the Church of the Nazarene, which emphasizes the biblical doctrines of perfect love and Christian holiness.

## **Vision**

Northwest Nazarene University strives to be a vibrant educational community that integrates and reflects Christian faith in all that it does. The University seeks to provide nationally-recognized programs distinguished by graduates who are academically prepared, spiritually grounded, service-minded, globally engaged, and vocationally successful.

## **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 2010, October 2017

## **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 2017-2021)

# **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 demonstrate growth in embodying and articulating the four university values.
- 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 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 assess scientific practices within the foundational theories of one field of the natural sciences.
- Students will apply the basic methods of scientific inquiry in a laboratory experience.
- Students will have developed a deeper understanding of the relation of self to the world through investigation of the influence of social, cultural, economic, and political institutions in shaping human thought, values, 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 well-supported 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.

## **Notice of Non-discrimination**

In accordance with applicable federal and state laws, such as Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, the Age Discrimination in Employment Act, and the Americans with Disabilities Act and ADA Amendments, the University does not unlawfully discriminate on the basis of sex, race, color, national origin, age, disability, marital status, genetic information, veteran status, or any other protected status under federal, state or local law applicable to the University, in its education programs and activities, in employment policies and practices, and all other areas of the University. As a faith-based institution, the

University is exempted from certain laws and regulations concerning discrimination. The University maintains the right, with regard to its lifestyle covenant, employment, and other matters, to uphold and apply its religious beliefs related to, among other issues, marriage, sex (gender), gender identity, sexual orientation, and sexual activity.

Sex discrimination is prohibited by Title IX of the Education Amendments of 1972, a federal law that provides that: "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance." The University is required by Title IX and its regulations not to engage in sex discrimination in its education program or activity, including admissions and employment. Sex Discrimination is conduct based upon an individual's sex that excludes an individual from participation in, denies the individual the benefits of, or treats the individual differently in an education program or activity. Sexual harassment is a form of sex discrimination. In accordance with Title IX and its regulations, the University's Title IX Sexual Misconduct Policy addresses the University's prohibition of the following forms of sex discrimination: Title IX Sexual Harassment, Non-Title IX Sexual Harassment, Sexual Assault, Domestic Violence, Dating Violence, Stalking, and Sexual Exploitation.

The University will not tolerate Sexual Misconduct in any form. The University will promptly and equitably respond to all reports of Sexual Misconduct in order to take steps to eliminate the misconduct, prevent its recurrence, and address its effects on any individual or the community.

Inquiries or complaints about Title IX, sex discrimination, sexual harassment, or other forms of Sexual Misconduct may be directed to the University's Title IX Coordinator:

Sheila Bryant  
Title IX Coordinator  
Northwest Nazarene University  
623 S. University Blvd.  
Nampa, Idaho 83686  
Phone: (208) 467-8062  
Email: [sheilabryant@nnu.edu](mailto:sheilabryant@nnu.edu); [TitleIX@nnu.edu](mailto:TitleIX@nnu.edu)

Inquiries or complaints may also be directed to the U.S. Department of Education's Office for Civil Rights:

The Office of Civil Rights  
U.S. Department of Education  
400 Maryland Avenue, SW

Washington, DC 20202-1100  
Telephone: (800) 421-3481  
Facsimile: (202) 453-6012 TDD#: (800) 877-8339  
Email: [ocr@ed.gov](mailto:ocr@ed.gov)  
<http://www.ed.gov/ocr>

## **Academic Services**

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

## **Library**

### **John E. Riley Library**

The John E. Riley Library is housed in the Leah Peterson Learning Commons. Vital to the educational and intellectual life of the university, the library's physical collection contains more than 125,000 items, including books, curriculum, periodicals, non-print materials such as CDs and DVDs, and federal government documents (the library is a selective repository). Additionally, the library maintains a special collection of works by or about John Wesley. 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. Students may borrow a limited number of items from Boise State University and the College of Idaho.

The library's electronic collection (found at [library.nnu.edu](http://library.nnu.edu)) includes indexes and databases that contain more than 150,000 ebooks and thousands of online periodicals, dissertations, and music. The library also maintains the University's institutional repository of scholarly works from NNU students.

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

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

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

## **Office of the 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](http://help.nnu.edu) website.

Services include but are not limited to:

- Computer Support
- Printer Support
- Classroom Technology Support
- Phone Support

ITS provides technical support to students and employees of NNU. More information on ITS and hours can be found on [help.nnu.edu](http://help.nnu.edu). Contact ITS by visiting [help.nnu.edu](http://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, English support for international students, and Peer-Led Study Sessions (PLSS) for select courses. These services are available to all NNU students free of charge. In addition, CASA offers courses for credit: University Success, Academic Coaching, Computer Applications, Mathematics Strategies, English Strategies, Major and Career Explorations, English language acquisition courses, and more. For a detailed description of these courses, see "Course Descriptions" listed under Study Skills (STSK) and English Language/Writing (ELWR).

## **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; CLEP, DSST, and placement testing.

## **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 the various aspects of ethnic, religious, and cultural diversity.

# **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 the 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.
- For those students who would like to enroll in an NNU course prior to turning 17 years of age, the Admission Committee must review and accept the application. This applies to all NNU courses except those offered through a high school concurrent credit program.

## **Admission to the Bachelor of Science in Nursing Program**

Admission to the Bachelor of Science in Nursing Program is based on the successful completion of established criteria listed on the departmental website. Pre-nursing students can submit an online application located at [nnu.edu/bachelor-of-science-in-nursing-admission-requirements](http://nnu.edu/bachelor-of-science-in-nursing-admission-requirements) . We admit students twice a year; during the fall semester and during the spring semester.

## **Admission to the Professional Program in Teacher Education**

Admission to the Teacher Education program is granted to students who meet selection and retention criteria. In addition to University admission requirements, students must apply for and receive admission to the Professional Program in Teacher Education. Admission to Teacher Education is dependent upon department requirements in the year of the program application.

## **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 Commission 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**

Students submitting an application for Fall may apply for standard admission anytime prior to the deadlines listed below. Students applying for Early Action Consideration can be considered prior to the deadline of November 15th.

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 from high school or you are a 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 can be submitted through [The Common Application](#) or at [nnu.edu/apply](http://nnu.edu/apply)
2. Arrange for a current high school transcript to be sent to NNU Undergraduate Admission. You must also request that an official final transcript be forwarded to NNU no later than August 15th. If you've completed the GED in lieu of high school, submit the results of that test.
3. All first-year student applicants may be required to take either the ACT, SAT or Classic Learning Test (CLT) 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.
4. High School GPA, High School Class-Rank and Official test scores will be examined to determine admissions decisions.

## **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 an 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 student beginning their coursework at NNU. Applicants seeking admission as a transfer student may or may not need to present high school transcripts and ACT, SAT or CLT scores as long as the applicant has a minimum of 28 transferrable college credits.

Admissions decisions will be made based on college GPA and, if the applicant has less than 28 transferrable college credits, an official test score will be considered.

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 score of 40 or higher on the PTE Academic examination.
4. An 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, IELTS score of 5.0, PTE score of 40-44, or Interview Level 2 or higher\****

*Fall Semester:*

ELWR1061 Academic Language Acquisition (3)

ELWR1063 Course-specific Language Support (3)

ELWR1094 Topics: Academic Reading and Grammar (3)

ELWR1094 Topics: 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)

ELWR1094 Topics: 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, IELTS score of 5.5 or PTE score of 45-52***

*Fall Semester:*

ELWR1094 Topics: Academic Writing for Non-Native Speakers of English (3)

3 courses (9 credits) from a list of approved traditional courses

*Spring Semester:*

ELWR1094 Topics: 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:*

ELWR1094 Topics: 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, IELTS score of 6.0 or higher, PTE score of 53 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 ENGL1030A or B, University Writing and Research A or B.

\*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 ENGL1030A, University Writing and Research A or ENGL1030B, University Writing and Research B.

## **Accepting Your Offer of Admission**

Once an admissions decision is communicated, a student may accept the offer of admission, by following 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 a class schedule to be created. Payment can be made online through the student portal. 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 June 1. Refunds are not granted when requests are received after June 1.
2. Complete the Academic Planning Form (used for course scheduling), the Residential Status Agreement and the Immunization Form.
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. Send to Undergraduate Admissions no later than August 15th either: a) final high school transcript and any college transcripts if you have earned college concurrent credit while in high school or b) college transcripts if you attended college after graduating from high school.
6. Submit all required fees and forms as requested to ensure that space can be retained in the incoming class.

## **New Student Orientation**

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

Students may be admitted to the university but 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 Student Accounts 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 complete the readmission form and be approved before resuming attendance. Failure to register for a summer semester is not considered an interruption. A readmission form is available online at [www.nnu.edu/apply](http://www.nnu.edu/apply). 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 or she gives evidence of the requisite ability to participate in the class. To be considered for temporary non-degree status, a student must enroll for less than 12-semester credits, not be working toward the completion of 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 or 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 and private lessons, require a fee for specialized instruction, transportation, equipment, and/or supplies.**

## Payment

Payment or satisfactory financial arrangement of the balance due on a student's account must be completed 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 \$200 may be assessed if payment or satisfactory financial arrangement has not been completed by the tuition due date. Official transcripts of student course work and diploma 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 current 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 via email at [businessoffice@nnu.edu](mailto:businessoffice@nnu.edu) or by calling 208-467-8596 or go to [nnu.edu.afford](http://nnu.edu.afford) directly. 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 June 15th for students applying for fall semester and by December 1st 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 June 15	Full Refund
By June 16 and thereafter	No Refund

### **Date of Cancellation for spring semester    Amount of Refund**

By December 1	Full Refund
By December 2 and thereafter	No Refund

## Traditional Student Withdrawal Policy

All Traditional students withdrawing from NNU must complete the "Request for Withdrawal from School" form available from the Center for Academic Success & Advising (CASA), located in the Leah Peterson Learning Commons. All withdrawals are subject to a \$100 withdrawal fee if the withdrawal occurs after the tenth day of classes each semester.

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:** The withdrawal date is determined by the Director of the Center for Academic Success & Advising and will be defined based upon the date that the student began the withdrawal process or officially notified NNU of intent to withdraw. In cases in which the student leaves school without notifying an appropriate NNU official first, the withdrawal date will be defined as (a) the midpoint of the semester, or (b) the last day of documented "academic-related activity" dependent upon which occurred first.

Withdraw from correspondence course = No Refund

Withdraw from on-campus housing only = No Refund after last day to add courses.  
No Prorated refunds

Withdraw from meal plan only = prorate based on number of weeks enrolled

### Refund Calculation based on traditional semester-length courses

Traditional Student-Semester Length Courses		
<i>All complete withdrawals are subject to a \$100 withdrawal fee</i>		
COMPLETE WITHDRAWAL (DROP OF ALL COURSES)	Refund	FINANCIAL AID ADJUSTMENT
1st day of class through 10th day of classes	100% refund of all tuition and fees	Loss of all University Aid. Federal aid subject to federal return of funds calculation

Traditional Student-Semester Length Courses		
Eleventh day through end of the 3rd week	75% refund of tuition. Housing charged by weeks used. No refund of Student Fee or Course Fees	Entitled to up to 25% of University Aid. Federal and State aid subject to federal return of funds calculation.
Within the 4th week of classes	50% refund of tuition. Housing charged by weeks used. No refund of Student Fee or Course Fees	Entitled to up to 50% of University Aid. Federal and State aid subject to federal return of funds calculation.
Within the 5th-7th week of classes	25% refund of tuition. Housing charged by weeks used. No refund of Student Fee or Course Fees	Entitled to up to 75% of University Aid. Federal and State aid subject to federal return of funds calculation.
Within or after 8th week of classes	Zero refund of tuition. Housing charged by weeks used. No refund of Student Fee or Course Fees	Entitled to up to 100% of University Aid. Federal and State aid subject to federal return of funds calculation.
<i>All board (meal plan) charges are based on number of weeks used. Withdrawal dates during the week are charged for the whole weeks usage.</i>		

**Refund Distribution:** Students who withdraw from NNU and have received federal financial aid may be required to return all or part of that aid based on the percent of the semester that the student is no longer enrolled in. When a refund to federal programs is required, following is the refund distribution:

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

**Repayment of Unearned Aid:** Students who receive federal financial aid and withdraw from NNU may be required to repay the federal government a percentage of their aid. This could potentially leave the student with a balance due to NNU.

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## **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 federal 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 (FSEOG), 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 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;
- 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 federal R2T4 return calculation may result in the student 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 prorated 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 student's 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 student's 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 the Free Application for Federal Student Aid (FAFSA) to NNU by February 1<sup>st</sup> for the following fall's admission. Students must apply for NNU need based aid and federal grants and loans by completing the FAFSA each year after October 1<sup>st</sup> for the following fall semester. The information below explains 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 grant and loan 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.

The FAFSA can be completed at [studentaid.gov/fafsa](https://studentaid.gov/fafsa) and should be filed as early as possible after October 1<sup>st</sup> each year for the following school year. The FAFSA uses tax information from 2 years prior. Tax information for 2019 is used on the 2021-2022 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. 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. Students living off campus will be eligible for a \$2000 annual 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 ROTC adviser, will be given a \$4,600 room stipend.

**Ministry:** Freshmen students who are Nazarene and majoring in ministry are given a ministry scholarship. Subsequent renewal of this requires continued enrollment as a ministry major and is determined by the faculty of the College of Theology and Christian Ministries.

**Miscellaneous Scholarships:** Miscellaneous Scholarships are also awarded for athletics, music, and forensics 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 90% 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 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 be charged \$150 per credit, plus all applicable student and course fees.

### **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 approved 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. All other 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) or NW Field Finals 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. 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 two 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 [studentaid.gov/fafsa](https://studentaid.gov/fafsa). 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 February 1<sup>st</sup> to be considered for this grant.

## Federal Loans

Federal loans are low-interest, fixed rate 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:** All students who complete the FAFSA are eligible for a federal unsubsidized loan including students who do not qualify or only qualify for part of the subsidized 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:** This funding source is no longer available.

## 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](http://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](http://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 [Employment](#) portion of 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. Students are eligible to receive one half of the NNU scholarships and other University aid that he or she otherwise would

receive, up to a maximum of \$7,000. A student can only receive NNU 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, 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 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](mailto:businessoffice@nnu.edu).

Student Fees	Cost Per Semester	Cost Per Year
Undergraduate: 12 credits or more	\$325	\$650
Undergraduate: 6-11 credits	\$275	\$550
Undergraduate: less than 6 credits	\$135	\$270
Special Fees		Cost
Contingency deposit (a one time refundable deposit)		\$50
Late payment or late registration fee		\$200
Non-credit fee per credit (audit)		\$85
Credit by Exam Fee		\$120

<b>Special Fees</b>	<b>Cost</b>
Graduation Application Fee	\$25
Commencement Participation Fee	\$100
Late Graduation application fee (refer to the Registrar/graduation webpage for dates)	\$100
Return check fee	\$20

Please Note: Some courses have an activity or usage fee. Check [Course Bulletin](#) for details.

## Undergraduate Tuition

<b>Type</b>	<b>Cost Per Semester</b>	<b>Cost Per Year</b>
12-18 Undergraduate Semester Credits	\$ 16,870	\$ 33,740
Less than 12 semester credits	\$1,420 per credit	\$1,420 per credit
More than 18 semester credits	Block rate plus \$500 per credit	Block rate plus \$500 per credit
Post-Baccalaureate: NNU Graduate	\$710 per credit	\$710 per credit
Post-Baccalaureate: non-NNU Graduate (part-time)	\$1,420 per credit	\$1,420 per credit

## Cost for a typical undergraduate student

<b>Type</b>	<b>Cost Per Semester</b>	<b>Cost Per Year</b>
Tuition	\$16,870	\$33,740
Fees	\$325	\$650
Room and Board	\$4,800	\$9,600
Insurance (*charged in the fall for the year)	\$2,042*	\$2,042*
Total:	\$24,037	\$46,032

## Senior Citizens

Senior citizens, 60 or older, may enroll in classes for non-credit at no charge on a space available basis. Course fees may apply. Classes taken for credit: \$150 per semester credit, plus course fee if applicable.



## Statement of Charges

Students may view their charges and financial aid on the NNU portal at [my.nnu.edu](http://my.nnu.edu).

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 deduct a processing fee from their Direct Student loans, Direct Plus loans, and Alaska Student Loan. Questions concerning your financial aid should be directed to (208) 467-8638, 1-877-668-4968, or [financialaid@nnu.edu](mailto: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). A minimum finance charge of \$5.00 will apply if calculated monthly interest is less than \$5.00.

If a student fails to pay their student account bill or any monies due and owing to Northwest Nazarene University by the scheduled due date, and fails to make acceptable payment arrangements as defined by NNU to bring their account current, NNU may refer the delinquent account to a collection agency. If NNU refers the student account balance to a third party for collection, a collection fee will be assessed and will be due in full at the time of the referral to the third party. The collection fee will be calculated at the maximum amount permitted by applicable law, but not to exceed 40% of the amount outstanding. For purposes of this provision, the third party may be a debt collection company or an attorney. If a lawsuit is filed to recover an outstanding balance, the student shall also be responsible for any cost associated with the lawsuit, such as court costs or other applicable costs. The delinquent account may be reported to one or more of the national credit bureaus.

## Room and Board

Room cost is for each student in a shared dorm room. A private room (when available) is an additional \$875 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
BLACK meal plan and shared dorm room	\$4,800	\$9,600

This meal plan offers students 180 entries to the cafeteria per semester and \$450 Flex dollars per semester.

Alternative meal plans are available to certain students. Information on these alternative meal plans is available from the Office of Student Life at <https://www.nnu.edu/office/student-life>.

## Undergraduate Degree Requirements

The Traditional Undergraduate Program 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 46 fields of study. To qualify for a bachelor's degree at NNU, the student must satisfy the seven (7) 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. All grades must average C (2.000) or better. 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 eight semester credits in the major.
5. General Education Program. The student must complete the General Education Program as described below.
6. Major Field of Study. The student must complete the requirements for one major or two co-majors.
7. Application for Graduation. Candidates for a degree must submit an application for graduation one semester prior to the intended graduation date.

# 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, and movement of 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 (50 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 - 14 Credits

Course Code	Course Name	Credits
HUMN1020	Cornerstone	1
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
	Capstone (see list below)	1

## Intellectual/Practical - 9 Credits

Course Code	Course Name	Credits
ENGL1030A or ENGL1030B	University Writing and Research A or B	3
ENGL3015	Topics in Writing (or a course with a W designation)	3
COMM	Approved Speech Course	3
Math Proficiency	Satisfactory score on the mathematics portion of the ACT, SAT, or Accuplacer tests	0
		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

Electives from two of the following areas to equal 6 credits:

Additional Electives	<ul style="list-style-type: none"><li>• Mathematics</li><li>• Natural Sciences</li><li>• Social Sciences</li></ul>
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## Cultural Competency - 0 credits

Students are required to complete the NNU Cultural Competency Requirement. Requirements are explained in the detailed requirements following this summary.

To complete the General Education Program at Northwest Nazarene University, the student must take 49 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 three 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)**

Select one course from:

- BIBL3220. Psalms (3)
- BIBL3230. Wisdom Literature (3)
- BIBL3260. Life and Teachings of Jesus (3)
- BIBL3270. Johannine Writings (3)
- BIBL3810. The Bible and the Holy Lands (3)
- THEO3410. Philosophy and Literature of Existentialism (3)
- THEO3540. Christian Holiness (3)
- THEO3560. Theological Explorations of Evangelism (3)
- THEO3580. Love (3)
- THEO3590. Theology of the Church (3)
- THEO3620. Science and Christian Faith (3)
- THEO3630. Exploring Western World Traditions (3)
- THEO3640. Exploring Eastern World Traditions (3)
- THEO3710. Church, Culture, and Christian Living (3)
- THEO3730. Theology and Practice of Compassion (3)
- THEO4530. Christian Theology I (3)
- THEO4540. Christian Theology II (3)

### **Philosophy Elective (3)**

Select one course from:

- PHIL2010. Introduction to Philosophy (3)
- PHIL2020. Ethics (3)
- PHIL2030. Quest for the Good Life (3)
- PHIL3010. Deconstructing the Western Mind (3)
- PHIL3080. Critical Reasoning (3)
- PHIL3520. Philosophy of Science (3)
- PHIL3600. Clinical Ethics (3)
- PHIL3620. Science and Christian Faith (3)

## **II. Humanities (14 credits)**

### **HUMN1020. Cornerstone (1)**

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. Contemporary Poetry (3)
- ENGL3520. Contemporary Drama (3)
- ENGL3750. Children's and Young Adult 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:

- ARDE2020. Survey of Visual Art (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)
- MUSC2020. Survey of Performing Arts (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. Art Capstone: 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)
- COMM4980. Senior Capstone Seminar in Communication (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)
- MATH4100. History of Mathematics/Capstone (1)
- MUSC4000. Music Capstone Seminar (1)
- NURS4040. Transition to Professional Nursing Practice/Capstone (6)
- PHIL4900. Philosophy Capstone (1)
- PHYS4980. Senior Seminar/Capstone (1)
- POLS4970. Senior Thesis and Capstone (4)
- PSYC4010. 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:

- KINE1010. Adapted Physical Education (1)
- KINE1020. Heart Healthy Activity
- KINE1030. Lifetime Sport Activity
- 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.)
- MILS2500. Military Style Fitness (1)

### **Natural Science Elective to include a laboratory (4)**

Select one natural science lecture and corresponding laboratory course.

BIOL1010 and BIOL1010L. Introduction to Biology

BIOL1030 and BIOL1030L. Earth Science

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

CHEM1210 and CHEM1210L. Principles of Organic and Biochemistry

CHEM2210 and CHEM2210L. General Chemistry I

CHEM2220 and CHEM2220L. General Chemistry II

COMP3230. Introduction to Spatial Analysis

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)  
CLTA3180. Race, Class, and Gender (3)  
COMM2030. Interpersonal Communication (3)  
COMM3200. Intercultural Communication (3)  
ECON1050. Analysis of Economic Issues (3)  
ECON2010. Principles of Economics (3)  
ECON2410. Principles of Microeconomics (3)  
ECON2420. Principles of Macroeconomics (3)  
ECON3010. Personal Finance and Stewardship (3)  
EDUC2110. Educational Psychology (3)  
ENGR3410. Engineering Economics and Ethics (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)

### **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. Business Statistics (3)
- COMP1220. Introduction to Computer Science (3)
- KINE4520. Tests and Measurements in Physical Education (3)
- MATH1100. Liberal Arts Math (3)
- MATH1300. College Algebra (3)
- MATH1400. Trigonometry (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)**

##### **ENGL1030A or ENGL1030B. University Writing and Research A or B (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 COMM3211. Technical Communication for Scientists and Engineers (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 QRAS Score of 250 or higher
- Completion of an approved college level math course with a grade of C- or higher

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

#### **V. Cultural Competency Requirement**

Students are required to complete the Cultural Competency Requirement. This may be accomplished through one of the three following pathways:

1. Participating in an international study program outlined at [nnu.edu/studyabroad](http://nnu.edu/studyabroad).
2. Completing **one** course with a Cultural Competency Experience (CE) designation.

BIOL3250L. Tropical Ecology Lab (1)

CHIN1094B. TP Chinese Cultrual Experience (1)

COMM3200. Intercultural Communication (3)

### 3. Completing **two** courses with Cultural Competency (CC) designation.

The following courses have been approved for the CC designation:

ARDE4950. Art Capstone: Engaging Art and Faith (3)  
BSNS4600. Global Business Strategies (3)  
CHIN1010. Elementary Chinese (4)  
CHIN1020. Elementary Chinese (4)  
CHIN2010. Intermediate Chinese (4)  
CHIN2020. Intermediate Chinese (4)  
CLTA1550. Introduction to Cultural Anthropology  
CLTA3180. Race, Class and Gender (3)  
COMM1050. Nonverbal Communication in Culture (1)  
EDUC2250. Cultural Diversity in Education (2)  
EDUC3175 Teaching Diverse Learners (3)  
EDUC3310. Teaching English Language Learners (1)  
EDUC3410. English Language Learners and Content Literacy in Secondary Classrooms (3)  
ENGL3015A. TP in Writing: Pop Culture (3)  
ENGL4270 or ENGL4270W. Minority Voices in American Literature (3)  
MILS3900. Military Science Practicum (3-6)  
NURS4010. Nursing of Diverse Populations in the Community (4)  
PSYC4112. Human Diversity (3)  
SOWK2851. Human Behavior and the Social Environment II: Issues of Diversity (3)  
SOWK2970. Urban Field Experience (1)  
SPAN1010. Elementary Spanish (4)  
SPAN1020. Elementary Spanish (4)  
SPAN2010. Intermediate Spanish (4)  
SPAN2020. Intermediate Spanish (4)  
SPAN3010. Advanced Conversation and Composition (3)  
SPAN3310 Hispanic Civilizations (3)  
THEO3630. Exploring Western World Religious Traditions (3)  
THEO3640. Exploring Eastern World Religious Traditions (3)  
THEO3730. Theology and Practice of Compassion (3)

Courses will be added as they are approved

#### **Additional Cultural Competency information:**

- Students that transfer to NNU with a minimum of 60 credits will be required to complete only **one** course (CC or CE).

- If a student grew up in a Bi-Cultural/Bi-Lingual home or spent time overseas after the age of 7, life experience may be considered as part of the Cultural Competency requirement. For consideration, students may fill out a request with the General Education Council.
- Concurrent credit or transfer courses will not be considered for CC or CE credit.
- A faculty-directed research or internship course may receive the CC or CE designation. For consideration, students should work with their major advisor.

### **Additional General Education 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**

### **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.

<b>Honors College Course</b>	<b>Fulfills General Education Requirement(s)</b>
HNRS2550. Western Intellectual Traditions I (3)	Philosophy Elective
HNRS2560. Western Intellectual Traditions II (3)	Non-US History Elective ENGL1030A University Writing and Research A
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.

## Programs Offered

Northwest Nazarene University offers 46 majors, 8 co-majors, and 43 minors through 17 academic departments.

In order to earn a bachelor's degree, a student must complete one major *or* two co-majors.

Although a minor is not required, it provides a well-defined set of courses identifying a secondary area of expertise.

## Majors Offered

Northwest Nazarene University offers undergraduate degrees in 43 majors. Some majors provide an additional area of emphasis or concentration. A major within a single area of study generally requires 36-50 credits. An interdisciplinary major generally requires 40-60 credits. Some majors with external accreditation or licensing requirements may have a higher credit requirement. The degree requirements for each major can be found in the Academic Departments chapter of this catalog.

### [Applied and Liberal Studies Programs](#)

- Applied Studies
- Liberal Studies

### [Biology](#)

- Biology, General Biology Concentration
- Biology, Pre-Medical Concentration
- Pre-Physical Therapy, Physical Therapy Concentration
- Wildlife Biology and Ecology
- Biology Education

### [Business](#)

- Accounting
- Business Administration
- Financial Economics
- Global Business
- Management
- Marketing

## Chemistry

- Chemistry
- Chemistry, Biochemistry Concentration
- Chemistry, Environmental Chemistry Concentration
- Chemistry Education

## Communication Arts and Science

- Communication
- Health Communication
- Public Relations

## Education

- Elementary Education
- Secondary Education
  - Biology
  - Chemistry
  - English
  - History
  - Mathematics
  - Music
  - Physical Education
  - Psychology
  - Spanish
  - Visual Arts
  - See additional endorsements  
available: <https://catalog.nnu.edu/cas/academic-departments/education>

## History and Political Science

- History
- Political Science and International Relations
- History Education

## Kinesiology

- Recreation and Sport Management, Athletic Training Concentration
- Recreation and Sport Management, Kinesiology/Coaching Concentration
- Recreation and Sport Management, Sport Management Concentration
- Recreation and Sport Management, Outdoor Recreation Concentration
- Physical Education

## Language and Literature

- English
- English Education
- Spanish Education

## Mathematics and Computer Science

- Computer Science
- Mathematics
- Mathematics Education

## Music

- Music, Applied Concentration
- Music, Commercial Music Concentration
- Music, General Music Concentration
- Worship Arts
- Music Education

## Nursing

- Nursing

## Philosophy and Religion

- Biblical Studies
- Christian Ministry
- Intercultural Ministry
- Philosophy
- Philosophy and Religion
- Religious Studies
- Worship Arts
- Youth Ministry



### Physics and Engineering

- Engineering, Agricultural Engineering Concentration
- Engineering, Computer Engineering Concentration
- Engineering, Electrical Engineering Concentration
- Engineering, Mechanical Engineering Concentration
- Engineering, Engineering Physics Concentration
- Physics

### Psychology

- Psychology

### Social Work and Criminal Justice

- Criminal Justice
- Social Work

### Visual Arts

- Art, Graphic Design Concentration
- Art, Studio Art Concentration
- Digital Media
- Art Education

*Individualized Major: For students whose educational objectives cannot be met by one of the majors given above, an individualized major allows 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.*

## Co-Majors Offered

Northwest Nazarene University offers seven co-majors from three academic departments. The co-major combines the strengths from two disciplines to form a single Bachelor of Arts degree. Each co-major requires 25-35 credits. Students must complete the requirements from two co-majors or a major and a co-major from two different disciplines. Students will choose their co-major from two of the following areas:

### [Communication Arts and Science](#)

- Communication

### [Language and Literature](#)

- Creative Writing

### [Philosophy and Religion](#)

- Christian Theology
- Family Ministry
- Missions
- Social Justice

### [Visual Arts](#)

- Graphic Design
- Studio Art

## Minors Offered

Northwest Nazarene University offers 47 minors from 15 academic departments. A minor consists of a minimum of 15 to a maximum of 24 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. The requirements for each minor can be found in the Academic Departments chapter of this catalog.

### [Biology](#)

- Biology
- Wildlife Biology and Ecology

## Business

- Accounting
- Business Administration
- Financial Economics
- Global Business
- Management
- Marketing

## Chemistry

- Chemistry

## Communication Arts and Science

- Communication
- Acting

## History and Political Science

- History
- Political Science

## Kinesiology

- Kinesiology

## Language and Literature

- Literature
- Professional Writing
- Spanish

## Mathematics and Computer Science

- Computer Science
- Mathematics

## Military Science

- Military Science

## Music

- Music
- Commercial Music
- Worship Arts

## Philosophy and Religion

- Bible
- Children's Ministry
- Christian Ministry
- Family Ministry
- Missions
- Philosophy
- Social Justice
- Theology
- Worship Leadership
- Youth Ministry

## Physics and Engineering

- Physics

## Psychology

- Psychology

## Social Work and Criminal Justice

- Criminal Justice
- Social Welfare

## Visual Arts

- Graphic Design
- Photography
- Studio Art

# Academic Perspectives

## 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 work to be copied, completing work, in whole or in part, for another student, using unauthorized aids, including Internet resources, on an assessment, having someone else take an exam for you (in-class, take-home, or online), submitting another person's work as your own, giving a false excuse to have an exam rescheduled;
2. Plagiarizing, e.g. presenting the words or ideas of another person as your own, including inadequate documentation of sources (electronic, internet, or print) and excessive dependence on the language of sources even when documented, by using 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, including 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 reading or other course assignments;
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 engage in any of the above violations.

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 for 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.

## **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 adverse action against the student shall discuss the problem through an informal meeting with the appropriate member of the faculty. Such an informal meeting need not be recorded in 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 the 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 the 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 examined and 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 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 15 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 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 Commission (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 the 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 (e.g., financial aid, NCAA athletics).

## **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. THEO2100 must be taken.

## **Additional Major**

To earn multiple majors, a student must complete all requirements in each major. Some academic departments may limit the number of majors that are allowed to be earned within the department.

## Advanced Placement Credit

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

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:

AP Test Name	Minimum Score	Credit	NNU Equivalent
2-D Art and Design	3	6	ARDE1020 - 2D Design (3) and elective credit (3)
3-D Art and Design	3	6	ARDE2010 - 3D Design (3) and elective credit (3)
Art History	3	6	ARDE2020 - Survey of Visual Art (3) and elective credit (3)
Drawing	3	6	ARDE1040 - Drawing I (3) and elective credit (3)
Music Theory	3	3	MUSC1200 - Beginning Music Theory I (3)
Music Theory	4	6	MUSC1200 and MUSC1220 -Beginning Music Theory II
English Language and Composition*	3	6	ENGL1020 and elective credit (NOT ENGL1030A)
English Literature and Composition*	3	6	ENGL1020 and ENGL1XXX (English Lit elective) (NOT ENGL1030A)
Comparative Government and Politics	3	3	POLS1010 - American National Politics (3)
European History	3	6	HIST1030 and 1040 - The World and the West I and II (6)
Human Geography	3	3	GEOG2100 - Human Geography (3)
Macroeconomics	3	3	ECON2010 (requires either Macro or Micro not both)
Microeconomics	3	3	ECON2010 (requires either Macro or Micro not both)

<b>AP Test Name</b>	<b>Minimum Score</b>	<b>Credit</b>	<b>NNU Equivalent</b>
Psychology	3	3	PSYC1550 - Introduction to Psychology (3)
United States Government and Politics	3	3	POLS1010 - American National Politics (3)
United States History	3	6	HIST2030 and 2040 - Conflict and Consensus I and II (6)
World History: Modern	3	6	HIST3480 - Modern Europe (1800-Present) (3) and elective credit (3)
Calculus AB**	4	4	MATH2510 - Calculus I (4) - Score of 3 accepted for Gen Ed Sub
Calculus BC**	4	8	MATH2510 - Calculus I (4) - Score of 3 accepted for Gen Ed Sub and elective credit (4)
Computer Science A	4	4	COMP2220 - Computer Programming I & Lab (4)
Computer Science Principles	3	3	COMP1220 - Intro to Computer Science (3)
Statistics	3	3	MATH2240 - Elementary Statistics (3)
Biology	3	4	BIOL2220 - General Biology and lab (4)
Biology	4	8	BIOL2220 - General Biology and lab (4) and BIOL2230 and lab (4)
Chemistry	3	4	CHEM2210 - General Chemistry I and lab (4)
Chemistry	4	8	CHEM2210 and CHEM2220 - General Chemistry I and II and lab (4)
Environmental Science	3	4	BIOL1040 - Environmental Science and lab (4)
Physics 1: Algebra-Based**	4	4	PHYS1110 - College Physics I & Lab (4) - Score of 3 accepted for Gen Ed Sub
Physics 2: Algebra-Based**	4	4	PHYS1120 - College Physics II & Lab (4) - Score of 3 accepted for Gen Ed Sub
Physics C: Electricity and Magnetism**	4	4	PHYS2120 - Physics for Sci & Engr II & Lab (4) - Score of 3 accepted for Gen Ed Sub
Physics C: Mechanics**	4	4	PHYS2110 - Physics for Sci & Engr I & Lab (4) - Score of 3 accepted for Gen Ed Sub
Chinese Language and Culture	3	8	CHIN1010 and CHIN1020 - Elementary Chinese
Chinese Language and Culture	4	12	CHIN1010 and 1020 - Elementary Chinese

<b>AP Test Name</b>	<b>Minimum Score</b>	<b>Credit</b>	<b>NNU Equivalent</b>
Chinese Language and Culture	5	16	CHIN1010, 1020 and 2010
French Language and Culture	3	6	FREN1010 - Elementary French
French Language and Culture	4	9	FREN1010 and FREN1020 - Elementary French
French Language and Culture	5	12	FREN1010, FREN1020, FREN2010
German Language and Culture	3	6	
German Language and Culture	4	9	
German Language and Culture	5	12	
Italian Language and Culture	3	8	
Italian Language and Culture	4	12	
Italian Language and Culture	5	16	
Japanese Language and Culture	3	8	
Japanese Language and Culture	4	12	
Japanese Language and Culture	5	16	
Latin	3	8	
Latin	4	12	
Latin	5	16	
Spanish Language and Culture	3	6	SPAN1010 - Elementary Spanish
Spanish Language and Culture	4	9	SPAN1010 and 1020 - Elementary Spanish
Spanish Language and Culture	5	12	SPAN1010, 1020, 2010 - Elementary and Intermediate Spanish
Spanish Literature and Culture	3	9	SPAN1010 and 1020 - Elementary Spanish
Spanish Literature and Culture	4	12	SPAN1010, 1020, 2010 - Elementary and Intermediate Spanish

<b>AP Test Name</b>	<b>Minimum Score</b>	<b>Credit</b>	<b>NNU Equivalent</b>
Spanish Literature and Culture	5	12	SPAN1010, 1020, 2010 - Elementary and Intermediate Spanish

\*Students with both English exams receive a total of 9 credits. Students with a score of 3 or higher on the English Language/Comp or the English Literature/Comp AP test will be placed in ENGL1030A. 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 ENGL1030A general education requirement.

\*\*A score of 4 or higher is needed if the course is required for the student's major.

## **Changes in Registration (Drop/Add)**

**ADD:** Students may add a class up to and including the sixth course day of the semester.

**DROP:** Students may drop a class up to and including the eighth course day of the semester without the transaction appearing as a 'W' (Withdrawal) on the student's permanent record.

**WITHDRAW:** Student may withdraw from a 14-15 week semester course with a "W" up to and including the eighth course day after the midterm grade due date of each semester.

Students may withdraw from a quad class up to and including the 20th course 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 and Absence Policy**

Northwest Nazarene University expects students to complete all course requirements and achieve course-related student learning outcomes, including class attendance either in person or online, as appropriate. A strong positive correlation exists between class attendance and academic performance (Credé, Roch, and Kieszczynka, 2010). Students are responsible to create, with help from their advisors, academic schedules that coordinate with their other activities to minimize class absences.

Instructors are responsible to establish the class attendance and absence policy for their courses. If the instructor determines that attendance will directly affect students' grades, accurate attendance records must be kept and made available to the students. Students are responsible to notify the instructor of inaccuracies before the end of the semester. If a student's total number of absences for a course exceeds the maximum limit established in the course syllabus, the instructor is encouraged to work with the student on an individual basis to find a reasonable, mutually acceptable resolution of conflicts and difficulties brought about by the student's absences in the course (particularly when absences are the result of a student's participation in University-sponsored activities). In some circumstances, withdrawal from the course or non-participation in the University-sponsored activity may be necessary.

### **Student Responsibilities for Class Absences**

1. Students are responsible for course content and class work even if there are legitimate reasons for their absence(s).
2. Students must provide a list of scheduled absences to each instructor during the first week of class.
3. Students must notify each instructor in writing as soon as possible if they are unable to attend class due to illness, emergency, or unplanned university activity.
4. Students are responsible to submit required class work, acquire information for classes missed, and make up missed assessment activities (assignments, quizzes, exams, etc.) as mutually determined by the instructor and student.
5. Students are responsible for providing appropriate documentation for class absences when requested or needed (e.g., illness, jury duty, etc.).
6. Where attendance and participation are required for practicums and internships (particularly as required for licensure or accreditation), students may be required to schedule additional time to compensate for the time missed (which may require additional student fees).

### **Instructor Responsibilities for Class Absences**

1. Instructors' class attendance and absence policies must be stated in their course syllabi.
2. Instructors must indicate on all course syllabi the date and explanation of any assessed activity for which it is not feasible to replicate the original activity nor an alternate activity if the student is absent. The explanation must include how the student's grade will be affected should the student miss that assessed activity.
3. In cases where University-approved activities conflict with exam dates, instructors should make reasonable arrangements for either proctored, make-up, or early exams.
4. Instructors are strongly encouraged to allow students to make up missed course work for absences due to participation in University-sponsored activities, illness, or emergency situations. (Appropriate documentation may be required.)
5. Instructors are encouraged to use professional discretion in allowing students to make up any missed assessed activity if notification and arrangements are not made in advance. However, instructors are not obligated to provide the student with an opportunity to complete either that assessed activity or an alternate activity.

### **University Activities Sponsor Responsibilities**

1. Non-Athletic sponsored activities that require students to be absent from class must be communicated to the Office of Academic Affairs with the student name, dates and times of absence. The VPAA is authorized to cancel any proposed activity.
2. The Athletic Commission approves athletic team schedules and the Faculty Athletics Representative reviews travel schedules.
3. Sponsors are required to provide a list of scheduled absences in advance to allow students the ability to communicate their absences to instructors in the first week of class.
4. In situations where absences are not preplanned, sponsors are required to inform students, instructor and the appropriate administrator (VPAA and/or Athletic Director) as soon as possible.
5. Communication between instructors and sponsors is essential for student success. If questions occur regarding class absence, the instructor is encouraged to communicate with the University sponsor.
6. University personnel responsible for activities requiring absence from classes must be willing to proctor exams for students as necessary and provide opportunities for students to complete class work, homework, assessed activities, and exams while away from campus.
7. University personnel responsible for activities requiring absence from classes are expected to monitor the academic progress of participating students according to the Eligibility to Compete and/or Perform Policy. Students who are not performing at satisfactory academic levels may be strongly encouraged to attend classes rather than participate in the activity.



Student appeals related to the Class Attendance and Absence Policy will follow the current Academic Appeal Policy, located in the appropriate NNU Catalog.

Credé, M., Roch, S., and Kieszczynka, U. (2010). Class Attendance in College: A Meta-Analytic Review of the Relationship of Class Attendance with Grades and Student Characteristics. *Review of Educational Research*, 80(2), 272-295.

## **Classification of Undergraduate 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.

## **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. No grades or quality points will be assigned CLEP credits.

The recommendation by the American Council on Education (ACE) for designated passing scores and credit values will be used to issue University 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.

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.

## **Copyright Statement**

Northwest Nazarene University, as a nonprofit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Access and use of course materials is restricted to enrolled students for the duration of the course. Any use or distribution of those materials outside the class may violate the law.

## **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 courses numbered one level higher than their classification.

### **Cancellation of Courses:**

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

## **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, with consultation of the professor for the course, decides 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. The following are guidelines for accepting credits:

Credits earned by DSST 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. No grades or quality points will be assigned to DSST credits.

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.

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

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 Conferral**

A student's official graduation from Northwest Nazarene University occurs on the day the University confers students' degrees.

The phrase "**conferred degree**" means the student has completed all the academic and administrative requirements of their education program. When your degree is conferred, it means you are a legal and official graduate of your program.

Degrees are conferred in a rolling process to allow students who complete all program requirements to have their final transcript and diploma. Degrees are posted at the end of the semester (after grades have been entered and degree requirements verified), and the end of each month during the semester. Students whose degrees have already been conferred are encouraged to participate in the annual commencement ceremony conducted each spring.

## **Commencement**

Commencement is the official ceremony celebrating students' graduation. All students who wish to participate in spring commencement ceremonies must have six or fewer credits remaining to completed during the summer semester, and have all other degree requirements met.

## **Degree Requirement Substitution or Exemption**

Only the registrar may make any substitutions or exemptions within the General Education Program for degrees. Requests should be made using the Special Academic Petition which can be obtained in the registrar's office or online at <https://www.nnu.edu/registrar-forms>.

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.

## **Degree Withholding or Revocation**

### **Withholding Degree**

The University may permanently withhold the awarding of a degree, or withhold the awarding of a degree pending the completion of Disciplinary Procedures, including the completion of all sanctions imposed, if any.

### **Revocation of Degree**

A degree awarded from Northwest Nazarene University may be revoked for fraud, misrepresentation, or other violation of University standards in obtaining the degree, or for other serious violation committed by a student prior to graduation.

## Determining Catalog

The Catalog for the beginning enrollment year of a student will be the catalog that a particular student will adhere to throughout the completion of the degree. The student has the right to use their beginning enrollment year catalog or any other subsequent catalog throughout their enrollment time at Northwest Nazarene University. The student may NOT move to a catalog that was in use prior to their beginning enrollment at NNU. If a student wishes to move to another catalog, other than their starting year catalog, they must request permission with the Office of the Registrar. Students must complete their degree within seven years of their beginning enrollment year in order to remain on their beginning enrollment year catalog. Otherwise, they will be moved to the most recent catalog after the lapse of those seven years.

## 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.

FERPA defines Directory Information as information contained in the educational record that would not generally be considered harmful or an invasion of student privacy if disclosed. A college is able to release Directory Information regarding a student without prior student consent. Students may request that Directory Information **not be** disclosed by contacting the assistant registrar in the Emerson Administration Building, Room 10, or at [registrar@nnu.edu](mailto:registrar@nnu.edu).

### **The following is considered Directory Information:**

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

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Non-directory information is personally identifiable information and is not given without written consent from the student, except to the extent that FERPA authorizes disclosure without consent.

### **The following is considered non-Directory Information:**

Student ID Number

Social Security Number\*

Date/Place of Birth

Race

Ethnicity

Nationality

Gender

\*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**

Undergraduate students who wish to compete and/or perform in intercollegiate and/or University-sponsored athletics, activities and/or academic courses which require audition and performance must be enrolled for at least 12 credits, be in good academic standing (i.e., not on academic probation), and meet the specific academic standard of the group in which participation is sought.

Students on academic probation may appeal their eligibility to compete and/or perform through written communication to the Academic Progress Commission (APC) using the Special Academic Petition available at the Registrar's Office. If the Special Academic Petition is approved, students are expected to report planned absences related to participation in University activities to the instructors of their courses within the first week of classes.

The recommended practice for University-activity sponsors is to monitor the academic progress and academic status of students before selecting participants in key roles.

### **Grade Reports**

Grades are available 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	Meritorious work	3.0
B-		2.7
C+		2.33
C	Adequate work	2.0
C-		1.7
D+		1.33
D	Less than satisfactory work but passing	1.0
F	Failing work	0.0

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 (Pass) may be assigned. A grade of I indicates incomplete work. A grade of X indicates no final exam was taken. An incomplete (I or X) may be given when, because of extreme circumstances, a student requires an extension of time to complete the course work or final exam. An I or X 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 represents the grade 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, e.g. ID will become D, 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 grades that can be assigned to a pass/fail course is IF or XF.

<b>Grade</b>	<b>Explanation</b>
P	Passing work (Reflects a grade of C- or better (C for the Spring 2020 Semester only)
LP	Low Pass (Reflects a grade of D)
I	Incomplete work ("I" must be followed by the letter grade that the student will receive if no further work is done)
IP	In progress
L	Long term coursework in progress
X	No final examination ("X" must be followed by a letter grade)
W	Withdrawal
K	Conditional mark
AU	Audit
CR	Credit
LC	Lab Credit
NC	Non-credit
NR	Not Received

A grade of L may be given only in courses that 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, and X are neutral grades and no quality points are given for them. The semester 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 or higher. 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's 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 transfer cumulative GPA of 3.5 or higher to be eligible for honors at graduation. The cumulative grade point average for determining honors is based only on grades received at Northwest Nazarene University.

## 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, soccer, softball, track and field (indoor and outdoor), 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 the GNAC and NNU.

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 more than four seasons in any one sport.

## **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 out of 124 credits) may be earned using CLEP, DSST, Advanced Placement, International Baccalaureate, and credit by examination.

## Non-Credit Classes

With the consent of 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. 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.

**Non-Credit Courses for individuals 60 years of age or older:** Individuals 60 years old or older may enroll in non-credit courses without paying a non-credit fee, pending consent from the registrar and the instructor concerned.

**Non-Credit Courses for Ordination:** 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.

## Online Courses

Traditional undergraduate students are permitted to enroll in one online course (offered through the NNU Online program) per semester. If a student wishes to take more than one NNU Online course, the student can make that request through the completion of a special academic petition form available in the registrar's office or online at <https://www.nnu.edu/registrar-forms>.

## 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.

## **Program Teach Out Policy**

When program elimination occurs or program requirements significantly change, students are informed as soon as possible. In the case of program elimination, the University commits to “teach-out” the courses for the program within a reasonable time frame or make appropriate course substitutions to ensure students fulfill all the requirements of the program. Advisors work closely with the students to develop a plan that enables students to complete program requirements in a timely manner. Students enrolled in a program that has been eliminated or modified may graduate with the degree requirements in a previous catalog within a seven-year time period.

## **Quad Credit**

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

## **Recognition at Semester**

Each semester recognition is awarded to Traditional Undergraduate students according to the following criteria:

- President's List is awarded to students with a semester GPA of 4.00.
- Dean's List is awarded to students with a semester GPA between 3.50 and 3.99.

Students must have earned a minimum of 12 credits and be degree-seeking in order to receive this recognition.

## **Recommendation of a Student**

Recommendation of a student for entrance into a profession or professional school is done at the sole discretion of the faculty member. Satisfactory completion of the

prescribed academic curriculum does not in itself guarantee a recommendation will be given. 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.

Information recorded and maintained at the college is considered an educational record. Any information found in the student's educational record (or that you would expect would be part of that record) may not be shared in a letter of recommendation unless it clearly falls under the institution's identified "directory information.

## **Registration Schedule**

There is a registration period each fall semester to allow students to register for the following spring semester and summer semester.

There is a registration period each spring semester to allow students to register for the following summer semester and fall semester.

Registration access is granted to the following groups of students in the order listed below based on the total of their prior credits accepted from other universities, credits earned at NNU and credits the student is currently enrolled in. Each registration group receives two days of access to registration before access is granted to the next group.

1. Seniors (90 or more credits) and all Veterans of the United States Armed Forces
2. Juniors (60 or more credits)
3. Sophomores (28 or more credits)
4. Freshmen (27 or fewer credits)

## **Repeated Courses**

Students may repeat courses that 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 Request for Course Repeat form must be filed with the registrar before enrolling in the course. The form is available in the registrar's office or online at <https://www.nnu.edu/registrar-forms> under Scheduling Forms.

## **Semester Credit**

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

## **Semester Length**

A semester consists of approximately 14 weeks of instructional class days plus a final examination period, usually four days in length. The courses during a semester generally meet over a calendar period of 16 weeks.

## **Standards of Student Behavior**

Students are expected to observe acceptable classroom behavior, which is behavior that fosters an atmosphere of learning, free and open exchange of thought, and respect for the instructor and classmates within the learning environment. Instructors are also expected to maintain a safe environment for students free from intimidation, bullying, and harassment per the Faculty Policy Manual. All students participating in Northwest Nazarene University courses are responsible for their conduct in the classroom. The “classroom” is defined as an on-campus location, off-campus location for a required classroom activity (clinicals, field experience, class trip), or an online course shell.

Freedom of speech and expression is valued in the academic setting, and education often requires active engagement around differences of opinion or interpretation. However, members of the NNU community are expected to commit to behavior and use of language that enhances and grows our personal character by using words that uplift and encourage one another, choosing to avoid any language and behavior that may be construed as harassment based upon gender, sexual orientation, race, religion, or other defining identity traits, excluding from our conversation vulgar, obscene, or bullying language, and striving to live lives free from lying, dishonesty, fraud, perjury, and any disruptive or offensive actions, whether spoken, written, or otherwise.

**Students are expected to abide by the following guidelines including, but not limited to:**

1. Accessing the learning management system and other classroom resources for lawful purposes only.

2. Respecting the privacy of other members of the class and other students including not sharing classroom discussions with non-class members, or externally on social media or other public platforms.
3. Respecting the diversity of opinions among the instructor and members of the class, and communicating differences in a courteous manner.
4. Avoiding the use of threatening, harassing, sexually explicit, or discriminatory language, or conduct that violates state or federal law or NNU policy on sexual harassment or discrimination.
5. Avoiding any unauthorized posting or transmitting of sexually explicit or disturbing images or other content that is deemed by any instructor or administrator to be offensive.
6. Behaving in a way that does not disrupt the educational environment of other students either online or off-line.
7. Keeping all electronic communication respectful including avoiding the use of ALL CAPS in your writing, which can be considered a form of verbal abuse.

Any violations of the University Standards of Student Behavior policy may be subject to discipline as deemed appropriate by the instructor and/or university administration. Disciplinary action could be, but is not limited to, consequences such as a “zero” or “no credit” for a classroom session or assignment associated with inappropriate classroom behavior, failure in the course, removal from the course, program, or University, or involvement of Campus Safety or law enforcement.

Individual academic programs may have additional policies on student conduct or behavior that could result in further disciplinary action. If a student is dissatisfied with the action of the instructor and/or University administration, the student may appeal the decision in accordance with the Academic Appeals policy.

## **Student Access to Records**

Northwest Nazarene University complies with the Family Educational Rights and Privacy Act of 1974 (FERPA). Any student at Northwest Nazarene University may personally inspect, review, and have a copy made of any record kept on them. 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 that 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 a 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.

## **Transcript of Academic Record**

Unofficial transcripts can be obtained in the Registrar's Office (bring photo ID), or you can email your request to registrar@nnu.edu with your name, date of birth and place of birth (city/state) to have your unofficial transcript emailed to you.

Official transcripts are processed through our third-party vendor Parchment and can be ordered online at <https://www.nnu.edu/transcript-request-form>. Click on *Order Transcript or Diploma* then create a New Learner Account. Transcripts are usually processed within three to five business days. The official transcript, which is dated, stamped with the registrar's signature, and sealed, is normally acceptable evidence of your educational background to other institutions.

## **Transfer of Credits**

Northwest Nazarene University accepts transfer credits as follows:

- University-level credits earned in academic degree programs at colleges and universities accredited by regional accrediting associations are accepted at upper- and lower-division levels.
- Credits earned at Bible colleges accredited by the Association of Biblical Higher Education (ABHE) are accepted at the lower-division level.
- Military credit accepted according to ACE (American Council on Education) recommendations.



- 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](http://www.naces.org)) are accepted at upper- and lower-division levels.
- 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 while at Northwest Nazarene University is based only on grades received from Northwest Nazarene University and does not include grades earned at other colleges, institutions or universities.

## **Transfer without an approved Associate of Arts (AA) degree**

The following policies apply to a student who enrolls at Northwest Nazarene University without an approved Associate of Arts Degree.

- Freshmen transferring 0-27 credits will receive no waivers
- Sophomores transferring 28-59 credits will have HUMN1020 Cornerstone waived\*
- Juniors transferring 60-89 credits will have the following courses waived:
  - HUMN1020 Cornerstone\*
  - BIBL1100 Introduction to Biblical Studies (may be used as BIBL elective)
  - KINE1020 Heart Healthy Activity
- Seniors transferring 90+ credits will have the following courses waived
  - HUMN1020 Cornerstone\*
  - BIBL1100 Introduction to Biblical Studies
  - Upper Division BIBL elective
  - KINE1020 Heart Healthy Activity

\* All students defined as freshmen in 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.

## **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 from 2 year colleges.
3. Waiver of all general education requirements, with the following exceptions:
  - a. BIBL1100 or an elective in Biblical literature (BIBL) (3 credits)
  - b. THEO2100 Introduction to Christian Theology (3 credits)
  - c. KINE1000 Fundamentals of Wellness (1 credit)  
(An equivalent transfer course may be substituted for this requirement.)
  - d. Approved Capstone course (1-6 credits). See list of approved courses under General Education requirements.
  - e. Cultural Competency Requirement: Transfer students are required to complete one course with the Cultural Competency (CC) designation.
  - f. Math Proficiency

**Note: A two-year transfer degree does not guarantee a bachelor's degree completion within two years. Course prerequisites, course sequencing, and upper-division requirements must also be met. The waiver of degree requirements for transfer students with Associate degrees other than the Associate of Arts (AA) will be determined on a case-by-case basis.**

Transfer students are encouraged to contact the Registrar's Office to determine the applicability of their coursework to specific General Education requirements. A complete transcript evaluation is available by sending the request with an official copy of your prior university transcripts via mail to Registrar's Office, Northwest Nazarene University, 623 S. University Blvd., Nampa, ID 83686 or via email to registrar@nnu.edu.

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 section in this catalog entitled "Undergraduate Degree Requirements."

## **Withdrawal from Courses**

Students desiring to "withdraw" from courses must complete a course Drop/Add form available in the Office of the Registrar or online at <https://www.nnu.edu/registrar-forms> under Scheduling Forms.

- Drop/Add Forms submitted by the eighth day of the course will be dropped without a "W" appearing on the student's permanent record.
- Drop/Add Forms submitted after the eighth day of the course will be recorded on the permanent record as a "W".

This applies to both Semester long and Quad I and II classes. Refer to the academic calendar for specific dates.

## **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 Request for Withdrawal form from the Center for Academic Success and Advising located in the Leah Peterson Learning Commons. This form must be properly and satisfactorily completed and signed by the Center for Academic Success and Advising, and the Student Accounts and the Financial Aid offices located in the Emerson Administration Building. An exit interview is also required with both The Center for Academic Success and Advising and The Office of Student Life located in the Conrad Commons. All withdrawals from the University are subject to a \$100 withdrawal fee if the withdrawal occurs after the tenth day of classes each semester.

## **Special Programs and Study Opportunities**

### **Concurrent Credit Program**

The Concurrent Credit Program (CCP) 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 accredited by the National Alliance Concurrent Enrollment Partnerships (NACEP). Tuition is determined yearly.

The following course descriptions are specific to courses offered by the Concurrent Credit Program. Additional NNU Department course descriptions are listed in the

relevant NNU Catalog [[catalog.nnu.edu/cas/course-descriptions](http://catalog.nnu.edu/cas/course-descriptions)]. A complete list of courses offered by the Concurrent Credit Program can be found at <https://www.nnu.edu/students/undergraduate/more-information/concurrent-credit>

### **ENGL1020. English Composition (3 credits)**

A course intended to develop students' college-level writing skills by stimulating them to think critically and express themselves clearly through a variety of different writing methods. Emphasis on writing processes -- including pre-writing and drafting, global revision, and editing for style and conventions of standard usage. To receive credit for this course, a student must earn a grade of C- or better -- transfer credit TBD by the receiving institution. **Prerequisite:** CCP students taking this course should be at junior or senior status with a minimum 3.0 cumulative GPA.

### **ENGL1094. Literature: Short Fiction (3 credits)**

Short fiction introduces students to the study of literature at the university level through the medium of the short story, covering stories drawn primarily from the United States and Europe, from 1800 to the present. For the course to count for NNU General Education requirements, the student must earn a grade of C or better.

## **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 Undergraduate Academic Council 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:

<b>Major</b>	<b>Minimum Credits</b>	<b>Maximum Credits</b>	<b>Upper-Division Requirement</b>
Departmental Major	36	50	22
Interdepartmental Major	40	60	27

## Honors College

Northwest Nazarene University is committed to academic and intellectual excellence, and the NNU Honors College is designed to provide intelligent, passionate, and curious students with challenges and opportunities that will allow them to expand their intellectual horizons. 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. Darrin Grinder at [dlgrinder@nnu.edu](mailto:dlgrinder@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 or spring schedule. Incoming freshmen, transfer students, and students from other universities are welcome to take summer session courses 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 four years and one 35-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) 467-8391.

## **Military Science Financial Assistance**

Each contracted student receives an allowance of \$420 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).

Additionally, NNU offers to pay for lodging for those students enrolled in ROTC and in good standing. Two- and three-year scholarships are available to qualified students.

## **Study Abroad and 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 <http://nnu.edu/studyabroad>.

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

## **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](http://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
- Bronze Club (Handbell Choir)
- Chess Club
- Computer Club (ACM)
- Nighthawks League of Legends
- EPiC (Engineering and Physics Club)
- FCA (Fellowship of Christian Athletes)
- 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
- Student Managed Fund (Business School Investing Club)
- SNA (Student Nursing Association)
- Swing Dance Club
- The System (Psychology Club)
- Turning Point USA
- Vex (Robotics Club)
- Worship Ministries Club

## **Support Services**

### **Counseling Center**

NNU Counseling Services located at the NNU Wellness Center offers counseling, self-help materials, psychoeducational groups and workshops. NNU provides the Counseling Center as a free service and encourages its use.

Undergraduate students are eligible to participate in any of the counseling services listed below during the academic year.

1. Individual counseling provided by licensed counselors, and supervised interns.
2. Co-curricular workshops addressing topics such as drug and alcohol awareness, relationships, boundaries, suicide prevention and "Get Better Groups", among others.
3. Referral to sources within the local community which address long-term counseling needs, emergency hospitalization, psychiatric care, and/or medication management.



Faculty, staff, and graduate students are eligible for consultation, screening and referral, and crisis services during the academic year.

Services to NNU Departments include personality inventories, groups, consultations, crisis services, and other trainings as scheduled through the Director of Counseling Services.

### **International Student and Scholar Services** **(Housed in the Center for Academic Success and Advising - CASA)**

This office:

- Provides ongoing support for international students and scholars with F1 and J1 visas. Services provided include orientation and help with visa information, I-20 and DS-2019 document maintenance, transfers in/out, employment advising, and other compliance issues for visas.
- Collaborates with other commissions and offices to provide support for other areas as needs arise.
- Maintains international records, SEVIS regulation compliance, and houses the Principal Designated School Official (PDSO) and Responsible Officer (RO).

### **Career Development**

Career Development provides information and assistance to students who wish to assess career goals and investigate career opportunities. In addition, the Career Center assists faculty as they aid students in their career development. Career Development helps students craft effective resumes, practice interviewing techniques, establish networking contacts with alumni and others throughout the Northwest region, and identify internships and part/full-time or summer employment, including on-campus student employment opportunities. Career Development sponsors a number of career-related events during the academic year; a few highlights include academic discipline specific fairs, career development workshops, alumni/student networking events and a spring semester Career Week. For more information on these resources and events, please visit the Career Center website: <https://www.nnu.edu/students/student-resources/services/career-development>.

## 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. Though not every student who attends NNU claims to be Christian all are invited to the journey.

As members of the Northwest Nazarene University community, whether student, faculty or staff, our goal is to offer each person ways to enter the faith or deepen their walk and respond by living faith out in tangible and meaningful ways.

## 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, worship, international travel and community service opportunities.

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.

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

Each Wednesday 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 Mondays 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 (RAs) 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, University Mission and Ministry, and the Career Center for those students who need or desire further help 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 or 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 weekends and all 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.

## Food Services

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

All students living on campus 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

**Varsity 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

**Intercollegiate Club Sports:** NNU offers two options for men and women interested in intercollegiate competition at the club level: club soccer and club lacrosse.

**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:

- Flag Football
- Powderpuff Football
- Softball
- Basketball

- Ultimate Frisbee
- Outdoor Volleyball
- Indoor/Outdoor Soccer

## **Campus Map**

Northwest Nazarene University's campus map can be referenced online at [nnu.edu/campusmap](http://nnu.edu/campusmap).

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## **Academic Departments**

Welcome to the academic departments that comprise NNU's traditional Bachelor's degree programs. When most people think of life at college, they imagine leaf-strewn sidewalks populated by challenging faculty and inquisitive undergraduate students walking amongst warm-looking brick buildings on a fall day. That image is very similar to our traditional undergraduate students' experience. 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 Concentration
- Mathematics and Science Concentration
- Social Science Concentration

## **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, the applied studies major 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.

### **Student Learning Outcomes**

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 and 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, Computer Science, Criminal Justice, Education, Engineering, English (courses in writing or composition which may include ENGL1030A, ENGL1030B, and ENGL3015), Kinesiology, Music (education, theory and applied), Nursing 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 six 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, the liberal studies major 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.

### **Student Learning Outcomes**

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 and 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 concentrations listed below:

#### **1. Humanities Concentration**

- Humanities: 24 credits (including 12 credits numbered above 2999)



- Mathematics and Science: 18 credits
- Social Science: 18 credits

## 2. Mathematics and Science Concentration

- Mathematics and Science: 24 credits (including 12 credits numbered above 2999)
- Humanities: 18 credits
- Social Science: 18 credits

## 3. Social Science Concentration

- Social Science: 24 credits (including 12 credits numbered above 2999)
- Humanities: 18 credits
- Mathematics and Science: 18 credits

# Department of Biology

**Faculty:** Jennifer Chase, John Cossel, Jr. (Department Chair), David Hille, Ayokunle Hodonu, Jamee Nixon

## Student Learning Outcomes

1. Students will be able to apply core concepts of biology in various contexts (ex. health, field biology, research, and future endeavors).
2. Students will be able to apply the principles of science and methods of scientific inquiry to the study of biology.
3. Students will be able to demonstrate proper lab/field techniques to collect and analyze biological data.
4. Students will be able to evaluate their spiritual beliefs, ethics, and actions as they relate to science and the natural world.

## Majors

[Bachelor of Science, Biology](#)

General Biology Concentration

Pre-Veterinary Medicine Concentration

Pre-Medical Concentration

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

[Bachelor of Science, Wildlife Biology and Ecology](#)

[Bachelor of Arts, Biology](#)

[Bachelor of Arts, Wildlife Biology and Ecology](#)

Biology Education

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

## Minors

[Biology](#)

[Wildlife Biology and Ecology](#)

## 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, the student 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 student 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 concentrations:**

**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)

BIOL3960. Internship in Biology (1-4); **or**

BIOL3970. Research (1-4)

\*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.

**Concentration:** Select a concentration from General Biology, Pre-Medical, or Pre-Veterinary Medicine .

## **GENERAL BIOLOGY CONCENTRATION**

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

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

## **PRE-VETERINARY MEDICINE CONCENTRATION**

**Objective:** A course of study that is suitable for students preparing for application to Veterinary Medicine programs.

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-Veterinary Concentration Requirements: In addition to the core, the following apply:**

BIOL3360. Vertebrate Comparative Anatomy (3); **and**,  
BIOL3360L. Vertebrate Comparative Anatomy Laboratory (1)  
BIOL4410. Biochemistry I (3)  
CHEM3220. Organic Chemistry II (3); **and**,  
CHEM3220L. Organic Chemistry II Laboratory (1)  
MATH2240. Elementary Statistics (3)

**Select electives from 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)  
BIOL3510. Studies in Histology (1)  
BIOL3620. Vertebrate Physiology (3); **and**,  
BIOL3620L. Vertebrate Physiology Laboratory (1)  
BIOL3820. Pathophysiology (3)  
BIOL3920. Cadaver Dissection I (1)  
BIOL3930. Cadaver Dissection II (1)

### **Molecular**

BIOL3420. General Microbiology (3); **and**,  
BIOL3420L. General Microbiology Laboratory (1)  
BIOL3460. Cell Biology (3); **and**,  
BIOL3460L. Cell Biology Laboratory (1)  
BIOL3540. Immunology (3)  
BIOL3560. Endocrinology (3)

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

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

## **PRE-MEDICAL CONCENTRATION**

**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 Concentration 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 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)  
BIOL3920. Cadaver Dissection I (1)  
BIOL3930. Cadaver Dissection II (1)

**Molecular**

BIOL3420. General Microbiology (3); **and**,  
BIOL3420L. General Microbiology Laboratory (1)  
BIOL3460. Cell Biology (3); **and**,  
BIOL3460L. Cell Biology Laboratory (1)  
BIOL3540. Immunology (3)  
BIOL3560. Endocrinology (3)

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

BIOL3500. Bioethics (2)  
BIOL3850. Animal Behavior (3); **and**,  
BIOL3850L. Animal 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 concentration  
Physical Therapy Concentration (72 credits)  
Athletic Training Concentration (72 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)  
KINE1960. Clinical Observation (1); **or**,  
BIOL1960. Clinical Observation (1)  
KINE2410. Introduction to Athletic Training and Physical Therapy with Laboratory (3)  
MATH1300. College Algebra (3)  
MATH2240. Elementary Statistics (3)  
BIOL4960. Internship in Physical Therapy (1-4) (3 required)  
BIOL4970. Pre-Physical Therapy Capstone (1)  
CLTA3180. Race, Class, and Gender (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)  
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)

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 Concentration**

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

**Group One**

BIOL3360. Vertebrate Comparative Anatomy (3); **and**,  
BIOL3360L. Vertebrate Comparative Anatomy Laboratory (1)  
BIOL3420. General Microbiology (3); **and**,  
BIOL3420L. General Microbiology Laboratory (1)  
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)  
PHIL3600. Clinical Ethics (3)

### **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 HPERD (3)

### **Athletic Training Concentration**

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)  
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)  
PHIL3600. Clinical Ethics (3)

## **Bachelor of Science, Wildlife Biology and Ecology**

**Administrator: Chair, Department of Biology**

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

**Requirements: 64 credits**, including 46 in biology

### **Core requirements: 20 credits**

BIOL2220. General Biology I (3); **and**  
BIOL2220L. General Biology I Laboratory (1)  
BIOL2230. General Biology II (3); **and**  
BIOL2230L. General Biology II Laboratory (1)  
BIOL2970. Introduction to Research (1)  
BIOL3720. Genetics (3); **and**  
BIOL3720L. Genetics Laboratory (1)  
BIOL3740. Origins (3)  
BIOL3940. Research Seminar I (1)  
BIOL3950. Research Seminar II (1)  
BIOL3960. Internship in Biology (1); **or**  
BIOL3970. Research (1)  
\*BIOL4980. Senior Seminar/Capstone (1)

### **Ecology requirements: 10 credits\*\***

BIOL2240. Plant and Animal Ecology (3)  
BIOL3250. Tropical Ecology (3)  
BIOL4240. Field Ecology (3); **and**  
BIOL4240L. Field Ecology Laboratory (1)

### **Wildlife requirements: 16 credits**

#### **Required: 8 credits\*\***

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

BIOL4260. Conservation and Management of Wildlife Populations (3); **and**  
BIOL4260L. Conservation and Management of Wildlife Populations Laboratory (1)

**Electives: 8 credits\*\***

BIOL3250L. Tropical Ecology Laboratory (1)

BIOL3300. Herpetology (3); **and**

BIOL3300L. Herpetology Laboratory (1)

BIOL3320. Ornithology (3); **and**

BIOL3320L. Ornithology Laboratory (1)

BIOL3330. Mammalogy (3); **and**

BIOL3330L. Mammalogy Laboratory (1)

BIOL3850. Animal Behavior (3); **and**

BIOL3850L. Animal Behavior Laboratory (1)

**Physical/Computer science and Mathematics requirements: 18 credits**

MATH2240. Elementary Statistics (3)

CHEM1200 Principles of General Chemistry (3); **and**

CHEM1200L Principles of General Chemistry Laboratory (1)

CHEM1210. Principles of Organic and Biochemistry (3); **and**

CHEM1210L. Principles of Organic and Biochemistry Laboratory (1)

**\*\*COMP3230. Intro to Spatial Analysis (3)**

BIOL1030. Earth Science (3); **and**

BIOL1030L. Earth Science Laboratory (1)

\*BIOL4980 must be taken at Northwest Nazarene University.

\*\* Au Sable or other off-campus courses may be substituted with department approval.

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.

## **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)  
BIOL2970. Introduction to Research (1)  
BIOL3720. Genetics (3); **and**,  
BIOL3720L. Genetics Laboratory (1)  
BIOL3740. Origins (3)  
BIOL3960. Internship in Biology (1-4); **or**,  
    BIOL3970. Research (1-4)  
BIOL4980. Senior Seminar/Capstone (1)

### **Eight credits of Chemistry**

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); **or**  
    CHEM1200. Principles of Chemistry (3); **and**,  
    CHEM1200L. Principles of Chemistry Laboratory (1)

### **Choose one of the following courses:**

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

**Choose an additional 18 credits of biology electives numbered 2000 and above.**

# **Bachelor of Arts, Wildlife Biology and Ecology**

**Administrator:** Chair, Department of Biology

**Objective:** The WBE BA major prepares students for entry level jobs in the nontraditional vocations within ecology, fisheries, wildlife, field or conservation biology that focus on the use of communication and media, marketing and business, political and social sciences, outdoor education, etc.

**Requirements:** 48 credits, including 40 in biology, and an approved minor (e.g. Graphic Design; Photography; Communication; Marketing; Political Science; Professional Writing; Computer Science; Psychology; Kinesiology)

## **Core requirements: 18 credits**

BIOL2220. General Biology I (3); **and**,  
BIOL2220L. General Biology I Laboratory (1)  
BIOL2230. General Biology II (3); **and**,  
BIOL2230L. General Biology II Laboratory (1)  
BIOL2970. Introduction to Research (1)  
BIOL3720. Genetics (3); **and**,  
BIOL3720L. Genetics Laboratory (1)  
BIOL3740. Origins (3)  
BIOL3960. Internship in Biology (1-4); **or**,  
BIOL3970. Research (1-4)  
\*BIOL4980. Senior Seminar/Capstone (1)

## **Wildlife Biology and Ecology requirements: 22 credits**

### **Required 10 credits:**

BIOL1040. Environmental Science (3)  
BIOL2240. Plant and Animal Ecology (3)  
BIOL3160. Plant Taxonomy (3); **and**,  
BIOL3160L. Plant Taxonomy Laboratory (1)

### **Electives 12 credits:**

BIOL1040L. Environmental Science Laboratory (1)  
BIOL3250. Tropical Ecology (3)

BIOL3250L. Tropical Ecology (1)  
BIOL3300. Herpetology (3); **and**,  
BIOL3300L. Herpetology Laboratory (1)  
BIOL3320. Ornithology (3); **and**,  
BIOL3320L. Ornithology Laboratory (1)  
BIOL3330. Mammalogy (3); **and**,  
BIOL3330L. Mammalogy Laboratory (1)  
BIOL3850. Animal Behavior (3); **and**,  
BIOL3850L. Animal Behavior Laboratory (1)  
BIOL4240. Field Ecology (3); **and**,  
BIOL4240L. Field Ecology Laboratory (1)  
BIOL4260. Conservation and Management of Wildlife Populations (3); **and**,  
BIOL4260L. Conservation and Management of Wildlife Populations Laboratory (1)

**Physical/Computer science and Mathematics requirements: 8 credits** from the following:

MATH2240. Elementary Statistics (3)  
CHEM1200 Principles of General Chemistry (3); **and**,  
    CHEM1200L Principles of General Chemistry Laboratory (1)  
CHEM1210. Principles of Organic and Biochemistry (3); **and**,  
    CHEM1210L. Principles of Organic and Biochemistry Laboratory (1)  
\*\*COMP3230. Intro to Spatial Analysis (3)  
BIOL1030. Earth Science (3); **and**,  
    BIOL1030L. Earth Science Laboratory (1)

\*BIOL4980 must be taken at Northwest Nazarene University.

\*\* Au Sable or other off-campus courses may be substituted with department approval.

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.

## **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

**Required 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)

**Elective courses:**

Complete 14 additional Biology credits, of which 11 credits shall be numbered 3000 or above.

## **Minor, Wildlife Biology and Ecology**

**Administrator:** Chair, Department of Biology

**Objective:** To provide an interdisciplinary focus in the broad topics of wildlife biology, ecology, environmental science, and conservation biology that supports a student's primary degree program.

**Requirements:** 20 credits total; 10 required and 10 electives.

**Required Courses:**

BIOL1040. Environmental Science (3); **or,**

BIOL1030. Earth Science (3)

BIOL2230. General Biology II (3)

BIOL2230L. General Biology II Laboratory (1)

BIOL2240. Plant and Animal Ecology (3)

**Elective Courses:** 10 credits from below\*\*, including at least one associated lab

BIOL3160. Plant Taxonomy (3)

BIOL3160L. Plant Taxonomy Laboratory (1)

BIOL3250. Tropical Ecology (3)

BIOL3250L. Tropical Ecology Laboratory (1)  
BIOL3300. Herpetology (3)  
BIOL3300L. Herpetology Laboratory (1)  
BIOL3320. Ornithology (3)  
BIOL3320L. Ornithology Laboratory (1)  
BIOL3330. Mammalogy (3)  
BIOL3330L. Mammalogy Laboratory (1)  
BIOL3850. Animal Behavior (3)  
BIOL3850L. Animal Behavior Laboratory (1)  
BIOL4240. Field Ecology (3)  
BIOL4240L. Field Ecology Laboratory (1)  
BIOL4260. Conservation and Management of Wildlife Populations (3)  
BIOL4260L. Conservation and Management of Wildlife Populations Laboratory (1)  
COMP3230. Intro to Spatial Analysis (3)

\*\* Au Sable or other off-campus courses may be substituted with department approval.



## Business and Economics

**Faculty:** William Russell (Dean), Konya Weber (Associate Dean), David Chaplin, Peter Crabb, Joshua Jensen, Jeffrey Lineman, Kimber Russell, Fred Sutton, Mollie Sweet

### Mission

The mission of the College of Business 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.

### Student Learning Outcomes

The program is designed with the following student learning outcomes related to the University's Values:

1. Students will pursue **Truth** and demonstrate their knowledge across a range of contemporary business subjects including accounting, economics, finance, management, information systems, 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.

### Accreditation

The College of Business is accredited through the Accreditation Council for Business Schools and Programs (ACBSP). ACBSP's accreditation process follows the Baldrige model. The accreditation focuses on recognizing teaching excellence, determining student learning outcomes, and a continuous improvement model.

## **Admission to the College of Business**

Majors in the College 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 Associate Dean.

## **Admission to Advanced Standing**

Majors in the College of Business 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 in the progress of completing two ACCT/BSNS/ECON courses or with the approval of the Associate Dean. This application typically occurs during the second semester of the first year.

To qualify for entrance into upper-division courses that are applicable for completion of degrees within the College of Business, 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, Financial Economics, Global Business, Management, or Marketing.
2. A student must have completed or be progressing in business, economics, or accounting classes offered through the College of Business at the time of the interview or receive approval from the Associate Dean.
3. A student must maintain a minimum cumulative grade point average of 2.5 or receive approval from the Associate Dean.
4. A student must adhere to the College of Business Standards, Mission and University Values.
5. A student must complete the application for Advanced Standing.
6. A student must interview with a business 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 and does not maintain a 2.5 GPA or does not uphold the College of Business Standards, Mission and University Values. A student must reapply for Advanced Standing upon re-admittance to NNU.

## **Majors**

- Bachelor of Science, Accounting
- Bachelor of Science, Business Administration

- Bachelor of Science, Financial Economics
- Bachelor of Science, Global Business
- Bachelor of Science, Management
- Bachelor of Science, Marketing

(To earn a Bachelor of Arts degree in any of the above majors, a student must complete an additional two semesters of an intermediate foreign language).

Students may complete a **maximum** of two majors within the College of Business.

### **Minors**

- Minor, Accounting
- Minor, Business Administration
- Minor, Financial Economics
- Minor, Global Business
- Minor, Management
- Minor, Marketing

## **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 Certified Public Accountant (CPA) examination in several states. For most students, this will take five years to complete. Some students may wish to pursue a Master of Business Administration (MBA) to meet this requirement.

**Administrator:** Chair/Associate Dean, College of Business

**Requirements:** 63 credits: completion of the prescribed courses.

### **Core Courses (36 credits):**

ACCT2060. Financial Accounting (3)

ACCT3960. Internship in Accounting (2-3) (minimum 2 credits)

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 Capstone (3)  
ECON2010. Principles of Economics (3)

**Major Courses (24 credits):**

ACCT2070. Managerial Accounting (3)  
ACCT3510. Intermediate Accounting I (3)  
ACCT3520. Intermediate Accounting II (3)  
ACCT3010. Income Taxation (3)  
ACCT3040. Cost Accounting (3)  
ACCT3094. Special Topics in Accounting (3)  
ACCT4020. Auditing (3)  
ACCT4510. Advanced Financial Accounting (3)

**Elective Courses (Select 3 credits):**

ACCT/BSNS/ECON courses offered by the Department of Business (excludes BSNS2950 and BSNS3950, or BSNS3960)

**To earn a Bachelor of Arts degree in Accounting: In addition to the courses listed above, two semesters of an intermediate foreign language are required (71 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/Associate Dean, College of Business

**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 (2-3) (minimum 2 credits)  
BSNS4600. Global Business Strategies (3)  
BSNS4980. Senior Seminar In Business Capstone (3)  
ECON2010. Principles of Economics (3)

Three electives (9 credits) offered by the Department of Business (excludes BSNS2950, BSNS3950, and BSNS3960)

Students pursuing a Bachelor of Science in business may also pursue a Management Information Systems concentration.

**Management Information Systems Concentration (23 prescribed credits)**

For the student who wishes to enter the management information systems field or plans to pursue graduate work in the field of management information systems.

**Core classes:**

COMP2220. Computer Programming I (3)  
COMP2220L. Computer Programming I 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 degree 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/Associate Dean, College of Business

**Requirements:** 54 credits; completion of the prescribed courses.

### **Core Courses (36 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)  
BSNS3960. Internship in Business (2-3) (minimum, 2 credits)  
BSNS4600. Global Business Strategies (3)  
BSNS4980. Senior Seminar in Business Capstone (3)  
ECON2010. Principles of Economics (3)

### **Major Courses (Select 15 credits):**

ECON3020. Intermediate Economics (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 3 credits):**

ACCT/BSNS/ECON courses offered by the Department of Business (excludes BSNS2950 and BSNS3950)  
CLTA1550. Introduction to Cultural Anthropology (3)  
MATH3240. Probability and Statistics I (3)

MATH3280. Modeling and Operations Research (3)  
MATH3320. Linear Algebra (3)  
POLS3520. Theories of Politics (3)  
POLS3610. Comparative Politics (3)

**To earn a Bachelor of Arts degree in Financial 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/Associate Dean, College of Business

**Requirements:** 54 credits; completion of the prescribed courses.

### **Core Courses (36 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)  
BSNS3960. Internship in Business (2-3) (minimum 2 credits)  
BSNS4600. Global Business Strategies (3)  
BSNS4980. Senior Seminar In Business Capstone (3)  
ECON2010. Principles of Economics (3)

### **Major Courses (Select 15 credits):**

BSNS4590. Global Marketing (3)  
BSNS4610. Entrepreneurship (3)  
BSNS4690. Global Operations Management (3)  
ECON3020. Intermediate Economics (3)  
ECON3150. Managerial Economics (3)  
ECON4050. Global Economics (3)

**Elective Courses (Select minimum 3 credits):**

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

POLS3520. Theories of Politics (3)

POLS3610. Comparative Politics (3)

POLS4560. International Law and Human Rights (3)

**To earn a Bachelor of Arts degree 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/Associate Dean, College of Business

**Requirements:** 54 credits; completion of the prescribed courses

**Core Courses (36 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)

BSNS3960. Internship in Business (2-3) (minimum 2 credits)

BSNS4600. Global Business Strategies (3)

BSNS4980. Senior Seminar In Business Capstone (3)

ECON2010. Principles of Economics (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 3 credits):**

ACCT/BSNS/ECON courses offered by the Department of Business (excludes BSNS2950 and BSNS3950)  
COMM3020. Organizational Communication (3)

**To earn a Bachelor of Arts degree 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/Associate Dean, College of Business

**Requirements:** 54 credits; completion of the prescribed courses.

**Core Courses (36 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)  
BSNS3960. Internship in Business (2-3) (minimum 2 credits)  
BSNS4600. Global Business Strategies (3)  
BSNS4980. Senior Seminar In Business Capstone (3)  
ECON2010. Principles of Economics (3)

**Major Courses (15 credits):**

BSNS3094. Special Topics in Marketing (3)  
BSNS3530. Marketing Communications (3)  
BSNS3580. Retail Management (3)

BSNS3880. Digital and Social Media Marketing (3)  
BSNS4560. Consumer Behavior Marketing Research (3)  
BSNS4590. Global Marketing (3)

**Elective Courses (Select minimum 3 credits):**

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

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)

COMM2420. Introduction to Public Relations (3)

COMM3420. Persuasion (3)

COMM3600. Broadcast Communication (3)

COMM4420. Advanced Public Relations (3)

**To earn a Bachelor of Arts degree 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, Financial Economics, Global Business, Management, and Marketing.

Nine (9) of the 18 credits must be upper-division (excluding ACCT/BSNS2950 and ACCT/BSNS3950) and unduplicated.

Students are recommended to meet with a College of Business advisor to develop a program of study.

Students must 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 College 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.

ECON2010. Principles of Economics (3)  
ECON3020. Intermediate Economics (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)

BSNS4690. Global Operations Management (3)  
Two semesters of intermediate foreign language (6-8)

## **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)  
BSNS4610. Entrepreneurship (3)  
BSNS4670. Organizational Behavior (3)  
BSNS4690. Global Operations Management (3)  
ECON2010. Principles of Economics (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.

BSNS3510. Principles of Marketing (3)  
BSNS3530. Marketing Communications (3)  
BSNS3550. Sales Management (3)  
BSNS3580. Retail Management (3)  
BSNS3880. Digital and Social Media Marketing (3)  
BSNS4560. Consumer Behavior Research (3)  
BSNS4590. Global Marketing (3)  
ECON3150. Managerial Economics (3)

# Department of Chemistry

**Faculty:** D. Timothy Anstine (Department Chair), Jerry Harris, Daniel Nogales

## Student Learning Outcomes

1. Students will demonstrate knowledge of the foundations of chemistry.
2. Students will demonstrate mastery in the major disciplines of chemistry: Analytical, Inorganic, Organic, and Physical.
3. Students will obtain skills in analysis, synthesis and instrumentation.
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 Concentration

Biochemistry Concentration

Environmental Chemistry Concentration

### [Bachelor of Arts, Chemistry](#)

Chemistry Education

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

## 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 57-60 credits in science and math, including at least 30 credits in chemistry **and a concentration 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 Concentration**

### **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 Concentration**

### **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 Concentration**

### **13-14 credits in the following courses:**

BIOL2220. General Biology I (3); **and**,  
BIOL2220L. General Biology I Laboratory (1)  
BIOL2240. 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:** 24 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 Arts & Science**

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

## **Mission**

The mission of the Department of Communication Arts & Science is to equip students with strong speaking, writing, and listening skills and with a clear understanding of communication, relational, and research processes upon which such skills are based. The department seeks to provide an appreciation and understanding of the history, theories, and techniques of 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, speaking, research, forensics investigation, public relations planning, 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."

## **Student Learning Outcomes**

1. Students will be able to explain interpersonal, group, persuasion, and organizational communication theories.
2. Students will be able to produce original work in one of the areas of communication studies.
3. Students will understand the fundamental role communication processes and skills play in building and maintaining a healthy and vibrant community.
4. 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.
5. Students will understand listening styles and purpose for listening, as well as demonstrating listening skills.
6. General education students will effectively speak with clarity, coherence, integrity, and persuasiveness and understand the foundational communication process model.

## **Majors**

[Bachelor of Arts, Communication](#)

[Bachelor of Science, Communication](#)

[Bachelor of Arts, Public Relations](#)

[Bachelor of Science, Health Communication](#)

### Co-Major, Communication

Communication Education

See Secondary Education: Communication Second Teaching Field

### **Minors**

#### Acting

#### Communication

## **Bachelor of Arts, Communication**

This major provides an understanding of the broad field of communication with exposure to all major areas of communication studies. The major provides flexibility in course selection to allow students to design an education that will prepare them for a broad range of careers that require communication skills of varying types. They will have the opportunity to learn about the processes of human communication that shape relationships, groups, and organizations, that focus on ways to persuade and entertain individuals, that are related to mediated communication, that are geared toward public relations and broadcasting, and those that are related to working in health communication arenas.

**Administrator:** Chair, Department of Communication Arts & Science

**Requirements:** 50 credits

COMM1010. Introduction to Communication (3)

COMM2020. Media Systems and Literacy (3)

COMM2030. Interpersonal Communication (3)

COMM3020. Organizational Communication (3)

COMM3050. Nonverbal Communication (3)

COMM3200. Intercultural Communication (3)

COMM4440. Rhetorical Theory and Criticism (3)

COMM4630. Communication Ethics (3)

COMM4970. Senior Project (1-2) (1 required) *May be repeated two times for elective credit*

COMM4980. Senior Capstone Seminar in Communication (1)

An additional 15 credits in communication with at least 6 credits being numbered above 2999.

An additional 9 elective credits in one related field: ARDE, BIBL, BSNS,

CLTA, FILM, POLS, PSYC, SOWK, or other area with approval from Chair of the Communication Arts and Science department, with at least 6 credits above 2999.

Successful completion of Senior Defense

## **Bachelor of Science, Communication**

This major provides an understanding of communication processes with an emphasis on how communication affects relationships across societal contexts. Students 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. There is a strong focus on research and theory. Students can use their training to assume leadership positions in non-profit, government, and industry sectors, as well as specialize in research, and prepare for law school, graduate work, or professions with a strong research emphasis.

**Administrator:** Chair, Department of Communication Arts & Science

**Requirements:** 50 credits

COMM1010. Introduction to Communication (3)  
COMM2010. Small Group Communication (3)  
COMM2020. Media Systems and Literacy (3)  
COMM2030. Interpersonal Communication (3)  
PSYC2215. Research Design (3)  
PSYC2245L. Statistical Analysis Lab (1)  
COMM3020. Organizational Communication (3)  
COMM3050. Nonverbal Communication (3)  
COMM3200. Intercultural Communication (3)  
COMM3420. Persuasion (3)  
PSYC3640. Experimental Design and Statistics (3)  
COMM4440. Rhetorical Theory and Criticism (3)  
COMM4610. Communication Research and Theory (3)  
COMM4630. Communication Ethics (3)  
COMM4950. Internship in Communication (1-3) (2 required)  
COMM4970. Senior Project (1-2) (1 required) *May be repeated two times for elective credit*  
COMM4980. Senior Capstone Seminar in Communication (1)

**An additional 6 credits of electives in Communication**

Successful completion of Senior Defense

## Bachelor of Arts, Public Relations

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 the processes and roles of persuasion and rhetoric; and understanding 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.

**Administrator:** Chair, Department of Communication Arts & Science

**Requirements:** 50 credits

- COMM1010. Introduction to Communication (3)
- COMM2010. Small Group Communication (3)
- COMM2020. Media Systems and Literacy (3)
- COMM2030. Interpersonal Communication (3)
- COMM2420. Introduction to Public Relations (3)
- COMM3020. Organizational Communication (3)
- COMM3050. Nonverbal Communication (3)
- COMM3210. Advanced Public Speaking (3)
- COMM3240. Public Relations Writing (3)
- COMM3420. Persuasion (3)
- COMM3600. Broadcast Communication (3)
- COMM4420. Advanced Public Relations (3)
- COMM4610. Communication Research and Theory (3)
- COMM4630. Communication Ethics (3)
- COMM4950. Internship in Communication (1-3) (3 required)
- COMM4970. Senior Project (1-2) (1 required) *May be repeated two times for elective credit*
- COMM4980. Senior Capstone Seminar in Communication (1)
- BSNS3510. Principles of Marketing (3)

Successful completion of Senior Defense

## Bachelor of Science, Health Communication

This major prepares graduates for entry-level work or for graduate studies in health communication fields. This major is designed for students with an interest in helping people in medicine and healthcare situations but who are not seeking to be direct care providers. The major also prepares students interested in advocating for the medical

and healthcare needs of individuals and communities, and for those wishing to go on in careers or graduate school in public health, health administration, health communication, or community health.

**Administrator:** Chair, Department of Communication Arts & Science

**Requirements:** 54 credits

COMM2010. Small Group Communication (3)  
COMM2030. Interpersonal Communication (3)  
COMM2420. Introduction to Public Relations (3)  
COMM3200. Intercultural Communication (3)  
COMM3240. Public Relations Writing (3)  
COMM3420. Persuasion (3)  
COMM4420. Advanced Public Relations (3)  
COMM4610. Communication Research and Theory (3)  
COMM4630. Communication Ethics (3)  
COMM4640. Health Communication (3)  
COMM4950. Internship in Communication (1-3) (3 required)  
COMM4970. Senior Project (1-2) (1 required) *May be repeated two times for elective credit*  
COMM4980. Senior Capstone Seminar in Communication (1)  
BSNS3510. Principles of Marketing (3)  
BSNS3530. Marketing Communication (3), **or**  
    BSNS3880. Digital and Social Media Marketing (3)  
KINE2430. Health Issues in Today's Society (3)  
KINE2730. Nutrition Across the Lifespan (2)  
NURS2100. Medical Terminology (1)  
PSYC2215. Research Design (3)  
PSCY2245L. Statistical Analysis Lab (1)  
PSYC3640. Experimental Design and Statistical Analysis (3)

Successful completion of Senior Defense

**Recommended General Education:**

MATH2240. Elementary Statistics (3)  
PHIL3600. Clinical Ethics (3)  
PSYC4512. Social Psychology (3)

BIOL1060. Human Biology (3); **and**,  
BIOL1060L. Human Biology Lab (1)

**or**

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

## **Co-Major, Communication**

**Requirements:** 30 credits, completion of a major or second co-major from a different discipline

COMM1010. Introduction to Communication (3)  
COMM2010. Small Group Communication (3)  
COMM2020. Media Systems and Literacy (3)  
COMM2030. Interpersonal Communication (3)  
COMM3020. Organizational Communication (3)  
COMM3050. Nonverbal Communication (3)  
COMM3200. Intercultural Communication (3)  
COMM3210. Advanced Public Speaking (3)  
COMM3420. Persuasion (3)  
COMM4440. Rhetorical Theory and Criticism (3)

## **Minor, Communication**

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

**Requirements:** 21 credits

COMM1010. Introduction to Communication (3)  
COMM2030. Interpersonal Communication (3)

An additional 15 credits in Communication courses of which 12 credits shall be numbered above 2999.

## **Minor, Acting**

### **Requirements: 18-19 credits**

THTR1260. Fundamentals of Acting (3)

THTR1270. Introduction to Directing (3)

THTR2260. Advanced Acting (3)

MUSC2420. Musical Theatre Production/Opera Workshop (1)

THTR2470/4470. Troupe (1-2)

THTR2480/4480. Theatre Production (1)

ENGL3320. Shakespeare (3) **or**,

ENGL3320W. Shakespeare (3)

ENGL3520. Contemporary Drama (3)



## Department of Education

**Faculty:** Marcella Enos, Jennifer Hill, Holly Ripley (Department Chair), Michelle Rowley, LoriAnn Sanchez, and Whitney Ward

### 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 K-12 students in a changing world. This mission drives our work in undergraduate, graduate, and continuing education programs. It is articulated through the learner-centered CORE conceptual framework underpinning all education programs.

### Learner-Centered CORE

The following themes form the conceptual framework for NNU's Education program and are embraced and modeled within the content of our courses.

1. **Called to Serve:** Educators prepared at Northwest Nazarene University view their profession as not just a job but rather as a ministry that requires the full engagement of heart, mind, and soul. They have accepted the call to transform the lives of students through teaching, leading, mentoring, and relationship building. They keep what is best for the student at the center of all they do. (Service)
2. **Open to Change:** Educators prepared at Northwest Nazarene University value learning and demonstrate a breadth of knowledge and an inquiry-based habit of mind. As lifelong learners, they continually update their knowledge and skills--innovating with the latest technology and seeking ways to improve education. They question educational assumptions and use current research to stimulate reflection and to inform practice. (Transformation)
3. **Responsive to All:** Educators prepared at Northwest Nazarene University are committed to the academic, social, and emotional growth of all students with focused attention on those with diverse needs. They believe that all students can learn. They understand students' backgrounds and make connections through meaningful relationships and community building. Educators prepared at NNU play critical roles in promoting democratic values. They examine and challenge social inequities in schools and communities, facilitating equal voice and equal access for all students and parents. They understand the historical and philosophical purposes of schools and the legal and societal influences impacting youth and families. (Community)

4. **Empowered to Succeed:** Educators prepared at Northwest Nazarene University are highly skilled in promoting student achievement, using data to guide practice and incorporating technology to enrich learning. Adept at working with parents and responding to students, they apply theories, strategies, frameworks, and research to challenge, to interest, to accommodate, and to assess a diverse student population. Educators prepared at NNU demonstrate management expertise that stimulates growth and creates a safe and positive learning environment. They are recognized as experts in their fields. (Truth)

## **Student Learning Outcomes**

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

1. Teacher candidates (NNU students in the Education Department) will demonstrate knowledge of learners, learner development and learner differences, thus creating environments conducive to learning for all students. (InTASC 1-3)
2. Teacher candidates will demonstrate content knowledge and pedagogical best practices based on content connections and needs of varied learners. (InTASC 4-5)
3. Teacher candidates will plan, deliver, and assess instruction. Candidates will make data-based decisions based on student learning, utilizing frequent formative assessment strategies. (InTASC 6-8)
4. Teacher candidates will engage in continuous and collaborative professional growth focused on improving P-12 student learning. (InTASC 9-10)

## **Accreditation**

The Educator Preparation Program at Northwest Nazarene University is accredited based on the National Council for Accreditation of Teacher Education (NCATE) standards. The program is fully approved by the Idaho State Board of Education.

The Educator Preparation Program at Northwest Nazarene University is eligible to seek accreditation based on the Council for the Accreditation of Educator Preparation (CAEP) standards in spring 2022. NNU is proud of its 53-year NCATE accreditation history and looks forward to seeking accreditation based on the CAEP standards in 2022.

## Majors

Bachelor of Arts, Elementary Education  
Bachelor of Arts, Biology Education  
Bachelor of Arts, Chemistry Education  
Bachelor of Arts, English Education  
Bachelor of Arts, History Education  
Bachelor of Arts, Mathematics Education  
Bachelor of Arts, Music Education  
Bachelor of Arts, Physical Education  
Bachelor of Arts, Psychology Education  
Bachelor of Arts, Spanish Education  
Bachelor of Arts, Visual Arts Education

## Standard Instructional Certificate

The Educator Preparation Program at Northwest Nazarene University is approved by the Idaho State Department of Education to offer programs leading toward an Educator Credential and Standard Instructional Certificate.

### Elementary Education

For the Bachelor of Arts in Elementary Education, candidates will pursue the All Subjects K-8 endorsement. Additionally, according to state regulations, candidates must choose one middle level grade band endorsement from the subjects listed in the section below.

### Secondary Education

For secondary education candidates, NNU offers endorsements in the following subjects for grade bands 6-12. Secondary candidates may choose one endorsement area or the combination of a first and second endorsement. If a candidate pursues two endorsements, one must be a first endorsement. Music, Physical Education, and Visual Arts subject areas have the option of pursuing K-12 grade band endorsements.

Endorsement Area: 45 cr or more	First Endorsement: 30 cr or more	Second Endorsement: 20 cr or more
Biology	Biology	American Government/Political Science
Chemistry	Chemistry	Biology
English	English	Chemistry
Mathematics	History	Communication
Music	Mathematics	Computer Science

Physical Education	Physical Education	English
Visual Arts	Psychology	English Middle Level (5-9)
	World Language, Spanish	Health
	Visual Arts	History
		History Middle Level (5-9)
		Mathematics
		Mathematics Middle Level (5-9)
		Music
		Physical Education
		Physics
		Psychology
		Science Middle Level (5-9)
		Social Studies Middle Level (5-9)
		World Language, Spanish
		Visual Arts

## **CHECKPOINT 1: ADMISSION TO EDUCATOR PREPARATION PROGRAM**

Application for admission to the Educator Preparation Program is 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 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 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. **Residence.** One semester in residence at NNU must precede admission to the program. (Transfer students may apply during their first semester in 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.

# College of Education

## Educator Preparation Programs

### Mission Statement

The mission of the College of Education at Northwest Nazarene University is to be Christ-centered in our preparation of compassionate, successful leaders and educators who are called to serve, open to change, responsive to all, and empowered to succeed throughout the global community.

### Vision Statement

The College of Education at Northwest Nazarene University aspires to positively and persistently impact educational practices and practitioners at the local and global levels. Through innovative, relationship-driven instruction and research, the College of Education will establish and maintain itself as a model in the field and create transformational leaders to serve learners world-wide.

### Educator Credentials and Licensure

The College of Education at Northwest Nazarene University offers high-quality Initial Licensure, Advanced Licensure, and non-licensure programs in the field of education. Information on education credentials, licensure level, and catalog for College of Education programs is summarized below. All programs that lead to endorsements and licensure are approved by the Idaho State Board of Education (SDE) and the National Council for Accreditation of Teacher Education (NCATE). All programs in the College of Education are fully accredited by the Northwest Commission on Colleges and Universities (NWCCU), the regional accrediting body for Idaho, recognized by the United States Department of Education (USDE) and the Council on Higher Education Accreditation (CHEA).

<u>Program</u>	<u>Degree</u>	<u>Licensure</u>	<u>Level</u>	<u>Catalog</u>
Curriculum, Instruction, and Innovation	Ed.S.	No*	--	GPS
Curriculum, Instruction, and Innovation	M.Ed.	No*	--	GPS
Educational Leadership	Ed.D	No*	--	GPS
Educational Leadership	Ph.D.	No*	--	GPS
Educational Leadership – Building Administration	Ed.S.	Yes	Advanced	GPS
Educational Leadership – Building Administration	M.Ed.	Yes	Advanced	GPS

Educational Leadership – Director of Special Education	Ed.S.	Yes	Advanced	GPS
Educational Leadership – Organizational Leadership	Ed.S.	No*	--	GPS
Educational Leadership – Superintendency	Ed.S.	Yes	Advanced	GPS
Exceptional Child	Ed.S.	Yes	Advanced	GPS
Exceptional Child	Ed.S.	No	--	GPS
Exceptional Child	M.Ed.	Yes	Advanced	GPS
Exceptional Child	M.Ed.	No*	--	GPS
Elementary Education (ACE)	M.A.T.	Yes	Initial	GPS
Elementary Education (ACE)	B.A.	Yes	Initial	GPS
Elementary Education (TUG)	B.A.	Yes	Initial	TUG
Secondary Education (ACE)	M.A.T.	Yes	Initial	GPS
<i>Secondary Education (TUG)</i>				
Biology Education	B.A.	Yes	Initial	TUG
Chemistry Education	B.A.	Yes	Initial	TUG
English Education	B.A.	Yes	Initial	TUG
History Education	B.A.	Yes	Initial	TUG
Mathematics Education	B.A.	Yes	Initial	TUG
Music Education	B.A.	Yes	Initial	TUG
Physical Education	B.A.	Yes	Initial	TUG
Psychology Education	B.A.	Yes	Initial	TUG
Spanish Education	B.A.	Yes	Initial	TUG
Visual Arts Education	B.A.	Yes	Initial	TUG
<i>Endorsements</i>				
American Government /Political Science		Yes	Initial	TUG/GPS
Biology		Yes	Initial	TUG/GPS
Chemistry		Yes	Initial	TUG/GPS
Communication		Yes	Initial	TUG/GPS
Computer Science		Yes	Initial	TUG/GPS
English Middle Level		Yes	Initial	TUG/GPS
English		Yes	Initial	TUG/GPS
Health		Yes	Initial	TUG/GPS
History		Yes	Initial	TUG/GPS
Mathematics		Yes	Initial	TUG/GPS
Mathematics Middle Level		Yes	Initial	TUG/GPS
Music		Yes	Initial	TUG/GPS

Physical Education	Yes	Initial	TUG/GPS
Physics	Yes	Initial	TUG/GPS
Psychology	Yes	Initial	TUG/GPS
Science Middle Level	Yes	Initial	TUG/GPS
Social Studies Middle Level	Yes	Initial	TUG/GPS
Spanish	Yes	Initial	TUG/GPS
Visual Arts	Yes	Initial	TUG/GPS

*\*Non-licensure programs are accredited by NWCCU, but not reviewed by NCATE or the Idaho SDE*

*ACE: Accelerated Certification in Education*

*GPS: Graduate & Professional Studies*

*TUG: Traditional Undergraduate*

## Elementary Education (K-8)

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

**Administrator:** Chair, Undergraduate Department of Education

### ELEMENTARY PROGRAM REQUIREMENTS

**Requirements:** 16 credits in professional education; 42 credits in elementary education; 34 credits in liberal arts; and requirements for one middle level endorsement area (grades 5-9)

#### Professional Education Core (16 credits):

- \*EDUC1100. Introduction to Education (1)
- EDUC2110. Educational Psychology (3) [cross-listed as PSYC2110]
- EDUC2250. Cultural Diversity in Education (2)
- \*EDUC2550. Innovative Instruction (3)
- \*EDUC2960. Introduction to Instructional Design (1)
- EDUC3150. Education of Exceptional Children (3)
- \*EDUC3920. Foundations of Education (2)
- \*EDUC4950. Seminar/Capstone (1)

#### Elementary Education Core (42 credits):

- \*EDUC3000. Mathematics Lab for Elementary Teachers (2)
- \*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)



- \*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)
- \*EDUC4590. Pedagogy of Writing in K-8 Schools (3)
- \*EDUC4810. Elementary School Start-Up (1)

### **Liberal Arts Core (34 credits)**

#### **Literature (11)**

- ENGL1030A. University Writing and Research A (3). **or**
- ENGL1030B. University Writing and Research B (3)
- ENGL2120. English Grammar and Usage (2)
- \*ENGL3015. Topics in Writing (3); **or**
- any ENGL course with a *W* designation (3)
- ENGL3750. Children's and Young Adult Literature (3)

#### **History (6)**

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

#### **Mathematics (6)**

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

#### **Social Science (3)**

- GEOG1050. Introduction to Geography (3)

#### **Natural Science (8)**

- 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)

\*Course must be taken at Northwest Nazarene University.

All Education and Liberal Arts Core courses require a grade of B- or higher.  
The Bachelor of Arts degree in Elementary Education requires the addition of one teaching endorsement, grades 5-9.

## 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 other grade requirements for courses in more than one category.
4. Complete all required middle school endorsement courses with a grade of C (2.0) or better.
5. Maintain a 3.0 or better cumulative GPA.
6. Pass the Praxis Elementary Multiple Subjects test (#5001).
7. Pass the appropriate endorsement Praxis.
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 level endorsement leading to a subject-area endorsement in the 5-9 grade band. It is recommended that candidates choose one of the following content areas: English, history, math, science, or social studies.

Note: For those interested in teaching elementary art, physical education, or music, see those sections under **Secondary Education**, as these programs lead to 6-12 or K-12 certification.

## **English Middle Level Endorsement (5-9)**

**Requirements:** 20 credits, including 3 credits in methods and 8 credits in Liberal Arts Core

### **Liberal Arts (8 credits):**

- \*ENGL2120. English Grammar and Usage (2)
- \*ENGL3015. Topics in Writing and Literature (3) **or**  
any ENGL course with a W designation (3)
- \*ENGL3750. Children's and Young Adult Literature (3)

### **One course selected from (3 credits):**

- ENGL2210. American Literature: Colonial Period to the Civil War (3)
- ENGL2220. American Literature: Civil War to the Present (3)
- \*\*ENGL3250. The American Novel (3)

### **One course selected from (3 credits):**

- ENGL2310. British Literature: Beowulf through the Age of Reason (3)
- ENGL2320. British Literature: The Romantic Age to the Present (3)
- \*\*ENGL3320W. Shakespeare (3)

### **One course selected from (3 credits):**

- 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)
- \*\*ENGL4270. Minority Voices in American Literature (3)

### **Additional requirement (3 credits):**

- ENGL3010. Teaching English in Secondary Schools (3)

\*Courses required in elementary program; must earn a B- or better.

\*\*Each of these courses meets State requirements for literary theory coursework.

## **History Middle Level Endorsement (5-9)**

**Requirements:** 20 credits, including 2 credits in methods and 6 credits in Liberal Arts Core

### **Liberal Arts (6 credits):**

- HIST1030. The World and the West I (3)
- HIST2030. Conflict and Consensus: American History to 1877 (3)

**Two courses selected from the following (6 credits):**

POLS1010. American National Politics (3)  
HIST3040. Medieval Europe (3)  
HIST3330. U.S. Foreign Policy (3)  
HIST3390. Recent America (3)  
HIST3480. Modern Europe (1800-Present) (3)

**Additional requirements (8 credits):**

HIST1040. The World and the West II (3)  
HIST2040. Conflict and Consensus: American History from 1877 (3)  
HIST3580. Teaching Social Studies in the Secondary School (2)

**Mathematics Middle Level Endorsement (5-9)**

**Requirements:** 20 credits, including 2 credits in methods and 6 credits in Liberal Arts Core

**Liberal Arts (6 credits):**

\*MATH2010. Fundamental Mathematical Structures I (3)  
\*MATH2020. Fundamental Mathematical Structures II (3)

**One course selected from the following (3 credits):**

MATH2310. Discrete Mathematics (3)  
COMP1220. Introduction to Computer Science (3)  
COMP2040. Introduction to Web Development (3)

**Additional Requirements (11 credits):**

MATH1300. College Algebra or higher (3)  
MATH1400. Trigonometry or higher (3)  
MATH2240. Elementary Statistics or higher (3)  
MATH3570. Teaching Mathematics in the Secondary School (2)

\*Courses required in elementary program; must earn a B- or better.

## Science Middle Level Endorsement (5-9)

**Requirements:** 26 credits, including 2 credits in methods and 8 credits in Liberal Arts Core

**Liberal Arts (8 credits; *courses repeated in discipline categories below*):**

- \*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)

**Biology Requirements (8 credits):**

- \*BIOL1010. Introduction to Biology (3); **and**
- \*BIOL1010L. Introduction to Biology Lab (1)
- BIOL1060. Human Biology (3); **and**
- BIOL1060L. Human Biology Lab (1)

**Earth Science Requirements (8 credits; two courses and labs selected from the following):**

- BIOL1030. Earth Science (3); **and**
- BIOL1030L. Earth Science Lab (1)
- BIOL1040. Environmental Science (3); **and**
- BIOL1040L. Environmental Science (1)
- PHYS1060. Descriptive Astronomy (3); **and**
- PHYS1060L. Descriptive Astronomy Lab (1)

**Physical Science Requirements (8 credits):**

- \*PHYS1010. Introduction to Physical Science (3); **and**
- \*PHYS1010L. Introduction to Physical Science Lab (1)
- CHEM1200. Principles of General Chemistry (3); **and**
- CHEM1200L. Principles of General Chemistry Lab (1)

**Additional requirements (2 credits):**

- BIOL3640 Teaching Science in the Secondary School (2)

\*Courses required in elementary program; must earn a B- or better.

## **Social Studies Middle Level Endorsement (5-9)**

**Requirements:** 20 credits, including 2 credits in methods and 9 credits in Liberal Arts Core

### **Liberal Arts (9 credits):**

\*GEOG1050. Introduction to Geography (3)

#### **One U.S. History course selected from the following (3):**

HIST1070. American History Survey (3)

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

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

#### **One World History course selected from the following (3):**

HIST1030. The World and the West I (3)

HIST1040. The World and the West II (3)

### **Two courses selected from the following (6 credits):**

ECON1010. Personal Finance (3)

ECON1050. Analysis of Economic Issues (3)

POLS1010. American National Politics (3)

POLS1030. The Foundations of Politics: The Quest for Peace and Justice (3)

POLS3330. U.S. Foreign Policy (3)

### **One course selected from the following (3 credits):**

GEOG2100. Human Geography (3)

GEOG3100. Globalization (3)

### **Additional Requirement (2 credits):**

HIST3580. Teaching Social Studies in Secondary Schools (2)

\*Course required in elementary program; must earn a B- or better.

## Secondary Education (K-12, 6-12)

**Objective:** To prepare students to teach content courses in grades 6-12 (K-12 for visual arts, physical education, and music) and meet the requirements for Idaho certification

**Administrators:** Content area department chairs; chair, undergraduate Education Department

### SECONDARY PROGRAM REQUIREMENTS:

Requirements: 39-40 credits in professional education, and requirements for one endorsement area or the combination of a first and second endorsement (see specific content endorsements below for courses and credits)

#### Professional Education Courses:

Professional education core (39 credits) including:

- \*EDUC1100. Introduction to Education (1)
- EDUC2110. Educational Psychology (3) [cross-listed as PSYC2110]
- EDUC2250. Cultural Diversity in Education (2)
- \*EDUC2550. Innovative Instruction (3) [MUSC1310 may substitute for Music Endorsement Area majors]
- \*EDUC2960. Introduction to Instructional Design (1)
- \*EDUC3090. Pedagogy of Writing in 6-12 Schools (3) [cross-listed as ENGL3090]
- EDUC3150. Education of Exceptional Children (3)
- \*EDUC3410. English Language Learners and Content Literacy in Secondary Classrooms (3)
- \*EDUC3510. Teaching Methods in Secondary Classrooms (3) [MUSC3470 (2) and MUS3480 (2) may substitute for Music Endorsement Area majors]
- \*EDUC3750. Classroom Management in Secondary Schools (2)
- \*Special methods courses in first and second endorsements or endorsement 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)

\* Courses must be taken at Northwest Nazarene University.

## **Program Certification Requirements:**

1. Complete all requirements for a baccalaureate degree.
2. Complete a subject endorsement area of at least 45 semester credit hours as recommended by the subject department and approved by the Department of Education, or complete a first endorsement of at least 30 semester credit hours and a second endorsement of at least 20 semester credit hours as recommended by the subject departments and approved by the Department of Education.
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 content test(s) in endorsement area or first and second endorsements.
8. Receive a favorable vote of the Educator Preparation Council for recommendation for certification.

## **Endorsements**

### **American Government/Political Science Second Endorsement (6-12)**

**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)

HIST3580. 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)



## **Biology Endorsement Area (6-12)**

**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)

**Select one of the following zoology sequences:**

BIOL3300. Herpetology (3); **and**  
BIOL3300L. Herpetology Laboratory (1); **or**  
BIOL3320. Ornithology (3); **and**  
BIOL3320L. Ornithology Laboratory (1); **or**  
BIOL3330. Mammalogy (3); **and**  
BIOL3330L. Mammalogy Laboratory (1)

**Select one of the following anatomy/physiology sequences:**

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); **or**  
BIOL3360. Vertebrate Comparative Anatomy (3); **and**  
BIOL3360L. Vertebrate Comparative Anatomy Laboratory (1); **or**  
BIOL3620. Vertebrate Physiology (3); **and**  
BIOL3620L. Vertebrate Physiology Laboratory (1)

**Eight (8) credits selected from biology numbered 2000 and above**

**Complete one of the following chemistry sequences:**

CHEM1210. Principles of Organic and Biochemistry (3); **and**  
CHEM1210L. Principles of Organic and Biochemistry Laboratory (1); **or**  
CHEM2210. General Chemistry I (3); **and**  
CHEM2210L. General Chemistry I Laboratory (1)

## **Biology First Endorsement (6-12)**

**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)

**Select one of the following zoology sequences:**

BIOL3300. Herpetology (3); **and**  
BIOL3300L. Herpetology Laboratory (1); **or**  
BIOL3320. Ornithology (3); **and**  
BIOL3320L. Ornithology Laboratory (1); **or**  
BIOL3330. Mammalogy (3); **and**  
BIOL3330L. Mammalogy Laboratory (1)

**Select one of the following anatomy/physiology sequences:**

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); **or**  
BIOL3360. Vertebrate Comparative Anatomy (3); **and**  
BIOL3360L. Vertebrate Comparative Anatomy Laboratory (1); **or**  
BIOL3620. Vertebrate Physiology (3); **and**  
BIOL3620L. Vertebrate Physiology Laboratory (1)

**Four (4) credits selected from biology numbered 2000 and above**

## **Biology Second Endorsement (6-12)**

**Requirements:** 28 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)  
BIOL3640. Teaching Science in the Secondary School (2)  
BIOL3720. Genetics (3); **and**  
BIOL3720L. Genetics Laboratory (1)  
BIOL3740. Origins (3)

### **Select one of the following sequences:**

BIOL3160. Plant Taxonomy (3); **and**  
BIOL3160L. Plant Taxonomy Laboratory (1); **or**  
BIOL3300. Herpetology (3); **and**  
BIOL3300L. Herpetology Laboratory (1); **or**  
BIOL3320. Ornithology (3); **and**  
BIOL3320L. Ornithology Laboratory (1); **or**  
BIOL3330. Mammalogy (3); **and**  
BIOL3330L. Mammalogy Laboratory (1)

### **Select one of the following anatomy/physiology sequences:**

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); **or**  
BIOL3360. Vertebrate Comparative Anatomy (3); **and**  
BIOL3360L. Vertebrate Comparative Anatomy Laboratory (1); **or**  
BIOL3620. Vertebrate Physiology (3); **and**  
BIOL3620L. Vertebrate Physiology Laboratory (1)

## **Chemistry Endorsement Area (6-12)**

**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)  
CHEM3310. Inorganic Chemistry (3)  
CHEM3510. Thermodynamics and Kinetics (3)  
CHEM3620. Integrated Laboratory I (1)  
CHEM4610. Integrated Laboratory II (1)  
CHEM4970. Research (1)  
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)

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

## Chemistry First Endorsement (6-12)

**Requirements:** 34 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)  
CHEM3310. Inorganic Chemistry (3)  
CHEM3510. Thermodynamics and Kinetics (3)  
CHEM3620. Integrated Laboratory I (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**

## Chemistry Second Endorsement (6-12)

**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)  
CHEM3310. Inorganic Chemistry (3)  
CHEM3620. Integrated Laboratory I (1)

## **Communication Second Endorsement (6-12)**

**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. Persuasion (3)  
COMM3650. Teaching Communication Studies in Secondary Schools (2)

## **Computer Science Second Endorsement (6-12)**

**Requirements:** 23-24 credits in computer science, including 3 credits in secondary methods

COMP1220. Intro to Computer Science (3)  
COMP2220. Computer Programming I (3); **and**,  
COMP2220L. Computer Programming I Laboratory (1)  
COMP2750. Data Structures (3)  
COMP3130. Teaching Computer Science in the Secondary Schools (3)  
COMP3330. Database Design and Programming (3)  
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)

## English Endorsement Area (6-12)

**Requirements:** 44 credits of which 26 shall be above 2999, including 6 credits in secondary methods

ENGL2980. Introduction to the Study of Literature (1)  
ENGL3010. Teaching English in Secondary Schools (3)  
ENGL3020W. Principles of Writing (3) **or**  
    ENGL3015. Topics in Writing (3)  
ENGL3090. Pedagogy of Writing in 6-12 Schools (3)  
ENGL3120. Linguistics: Structure and History of English (3)  
ENGL3320. Shakespeare (3)  
ENGL3410. Greek and Roman Classics (3)  
ENGL3510. Contemporary Poetry (3); **or**  
    ENGL3520. Contemporary Century Drama (3)  
ENGL3750. Children's and Young Adult Literature (3)  
ENGL3910. Literary Theory and Criticism (3)  
ENGL4980. Senior Seminar (1)

### **One course selected from:**

ENGL2050. Beginning Creative 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)

### **One course selected from:**

ENGL2310. British Literature: Beowulf through the Age of Reason (3)  
ENGL2320. British Literature: The Romantic Age to the Present (3)  
ENGL3350 or 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)  
ENGL3420 or ENGL3420W. Foreign Literature in Translation (3)  
ENGL4270. Minority Voices in American Literature (3)

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

## English First Endorsement (6-12)

**Requirements:** 33 credits of which 20 shall be numbered above 2999, including 6 credits in secondary methods

ENGL2120. English Grammar and Usage (2)  
ENGL3010. Teaching English in Secondary Schools (3)  
ENGL3090. Pedagogy of Writing in 6-12 Schools (3)  
ENGL3320W. Shakespeare (3)  
ENGL3510. Contemporary Poetry (3); **or**  
ENGL3520. Contemporary Drama (3)  
ENGL3750. Children's and Young Adult Literature (3)  
ENGL3910. Literary Theory and Criticism (3)  
ENGL4980. Senior Seminar (1)

**One course selected from:**

ENGL3015. Topics in Writing (3)  
ENGL3020W. Principles of Writing (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)  
ENGL3350 or 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)  
ENGL3420 or ENGL3420W. Foreign Literature in Translation (3)  
ENGL4270. Minority Voices in American Literature (3)

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



## **English Second Endorsement (6-12)**

**Requirements:** 26 credits of which 9 shall be numbered above 2999, including 6 credits in secondary methods

ENGL2120. English Grammar and Usage (2)  
ENGL3010. Teaching English in Secondary Schools (3)  
ENGL3090. Pedagogy of Writing in 6-12 Schools (3)  
ENGL3750. Children's and Young Adult Literature (3)  
ENGL3910. Literary Theory and Criticism (3)

**One course selected from:**

ENGL3015. Topics in Writing (3)  
ENGL3020W. Principles of Writing (3)

**One course selected from:**

ENGL2210. American Literature: Colonial Period to the Civil War (3)  
ENGL2220. American Literature: Civil War to the Present (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)  
ENGL3320. Shakespeare (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)  
ENGL4270. Minority Voices in American Literature (3)

## **English Middle Level Endorsement (5-9)**

**Requirements:** 20 credits, including 3 credits in methods

**Liberal Arts (8 credits):**

ENGL2120. English Grammar and Usage (2)  
ENGL3015. Topics in Writing and Literature (3) **or**  
any ENGL course with a W designation (3)  
ENGL3750. Children's and Young Adult Literature (3)

**One course selected from (3 credits):**

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

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

\*\*ENGL3250. The American Novel (3)

**One course selected from (3 credits):**

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

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

\*\*ENGL3320W. Shakespeare (3)

**One course selected from (3 credits):**

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)

\*\*ENGL4270. Minority Voices in American Literature (3)

**Additional requirement (3 credits):**

ENGL3010. Teaching English in Secondary Schools (3)

\*\*Each of these courses meets State requirements for literary theory coursework.

## **Health Second Endorsement (6-12)**

**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 & Supervision 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 Endorsement (6-12)**

**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 (12) credits in history numbered above 2999**

## **History Second Endorsement (6-12)**

**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 (3) credits in history numbered above 2999**

## **History Middle Level Endorsement (5-9)**

**Requirements:** 20 credits, including 2 credits in 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)

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

**Two courses selected from the following (6 credits):**

POLS1010. American National Politics (3)

HIST3040. Medieval Europe (3)

HIST3330. U.S. Foreign Policy (3)

HIST3390. Recent America (3)

HIST3480. Modern Europe (1800-Present) (3)

## **Mathematics Endorsement Area (6-12)**

**Requirements:** 45 credits in mathematics of which 25 shall be numbered above 2999, and 2 credits in secondary methods

MATH2240. Elementary Statistics (3)

MATH2310. Discrete Mathematics (3)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3280. Modeling and Operations Research (3)

MATH3310. Methods of Proof (3)

MATH3320. Linear Algebra (3)

MATH3410. Modern Geometry (3)

MATH3530. Calculus III (4)

MATH3570. Teaching Mathematics in the Secondary School (2)

MATH4100. History of Mathematics/Capstone (1)

MATH4320. Modern Algebra (4)

MATH4510. Real Analysis I (4)

**Four (4) mathematics elective credits**

## **Mathematics First Endorsement (6-12)**

**Requirements:** 33 credits, including 31 credits in mathematics of which 17 shall be numbered above 2999, and 2 credits in secondary methods

MATH2240. Elementary Statistics (3)

MATH2310. Discrete Mathematics (3)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3280. Modeling and Operations Research (3)

MATH3310. Methods of Proof (3)  
MATH3320. Linear Algebra (3)  
MATH3410. Modern Geometry (3)  
MATH3570. Teaching Mathematics in the Secondary School (2)  
MATH4100. History of Mathematics/Capstone (1)  
MATH4320. Modern Algebra (4)

## **Mathematics Second Endorsement (6-12)**

**Requirements:** 22 credits, including 20 credits in mathematics and 2 credits in secondary methods

MATH2240. Elementary Statistics (3)  
MATH2310. Discrete Mathematics (3)  
MATH2510. Calculus I (4)  
MATH2520. Calculus II (4)  
MATH3320. Linear Algebra (3)  
MATH3410. Modern Geometry (3)  
MATH3570. Teaching Mathematics in the Secondary School (2)

## **Mathematics Middle-Level Endorsement (5-9)**

**Requirements:** 20 credits, including 2 credits in methods

MATH1300. College Algebra or higher (3)  
MATH1400. Trigonometry or higher (3)  
MATH2010. Fundamental Mathematical Structures I (3)  
MATH2020. Fundamental Mathematical Structures II (3)  
MATH2240. Elementary Statistics or higher (3)  
MATH3570. Teaching Mathematics in the Secondary School (2)

**One course selected from the following (3 credits):**

MATH2310. Discrete Mathematics (3)  
COMP1220. Introduction to Computer Science (3)  
COMP2040. Introduction to Web Development (3)

## **Music Endorsement Area (6-12 or K-12)**

**Requirements:** 59 credits, including 51 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)  
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 Endorsement (6-12 or 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 MUSC2020 (A Survey of Performing Arts) 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.

**Physical Education Endorsement Area (Kinesiology) (6-12 or 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 and Physical Therapy with 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 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 & Supervision 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



## **Physical Education First Endorsement (Kinesiology) (6-12 or K-12)**

**Requirements:** 39 credits, including 4 credits in education methods

KINE1310. Introduction to Recreation and Kinesiology (3)

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

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 & Supervision 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

## **Physical Education Second Endorsement (Kinesiology) (6-12 or K-12)**

**Requirements:** 31 credits, including 4 credits in education methods

KINE2410. Introduction to Athletic Training and Physical Therapy with Lab (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 & Supervision 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

## **Physics Second Endorsement (6-12)**

**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. Electromagnetics (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. Calculus III (3)  
MATH3540. Differential Equations (3)

\* These courses represent the areas typically taught in secondary schools.

## **Psychology Endorsements (6-12)**

### **Requirements for second endorsement (24 credits):**

PSYC1250. Psychology for Life (2)  
PSYC1550. Introduction to Psychology (3)  
PSYC2100. Lifespan Development (3)  
PSYC2215. Research Design (3)  
PSYC3455. Abnormal Psychology (3)  
PSYC3702. Counseling Theory and Helping Skills (3)  
PSYC3702L. Counseling Theory and Helping Skills Lab (1)  
PSYC3850. Biological Foundations of Behavior (3)  
PSYC3850L. Biological Foundations of Behavior Lab (1)  
EDUC3094. Special Topics in Education: Teaching Psychology in Secondary Schools (2)

### **Additional 6 credits for first endorsement selected from:**

PSYC1615. Careers in Psychology (2)  
PSYC2110. Educational Psychology (3)  
PSYC3701. Contemporary Approaches in Child and Adolescent Development (3)  
PSYC4111. Human Sexuality (3)  
PSYC4112. Human Diversity (3)  
PSYC4511. Psychology of Religion (3)

## **Science Middle Level Endorsement (5-9)**

**Requirements:** 26 credits, including 2 credits in methods

### **Biology Requirements (8 credits):**

BIOL1010. Introduction to Biology (3); **and**  
BIOL1010L. Introduction to Biology Lab (1)  
BIOL1060. Human Biology (3); **and**  
BIOL1060L. Human Biology Lab (1)

**Earth Science Requirements (8 credits; two courses and labs selected from the following):**

BIOL1030. Earth Science (3); **and**  
BIOL1030L. Earth Science Lab  
BIOL1040. Environmental Science (3); **and**  
BIOL1040L. Environmental Science  
PHYS1060. Descriptive Astronomy (3); **and**  
PHYS1060L. Descriptive Astronomy Lab

**Physical Science Requirements (8 credits):**

PHYS1010. Introduction to Physical Science (3); **and**  
PHYS1010L. Introduction to Physical Science Lab (1)  
CHEM1200. Principles of General Chemistry (3); **and**  
CHEM1200L. Principles of General Chemistry Lab (1)

**Additional requirement (2 credits):**

BIOL3640. Teaching Science in the Secondary School (2)

## **Social Studies Middle-Level Endorsement (5-9)**

**Requirements:** 20 credits, including 2 credits in methods

**One U.S. History course selected from the following (3):**

HIST1070. American History Survey (3)  
HIST2030. Conflict and Consensus: American History to 1877 (3)  
HIST2040. Conflict and Consensus: American History from 1877 (3)

**One World History course selected from the following (3):**

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

**Two courses selected from the following (6 credits):**

ECON1010. Personal Finance (3)  
ECON1050. Analysis of Economic Issues (3)  
POLS1010. American National Politics (3)  
POLS1030. The Foundations of Politics: The Quest for Peace and Justice (3)  
POLS3330. U.S. Foreign Policy (3)

**One course selected from the following (3 credits):**

GEOG2100. Human Geography (3)  
GEOG3100. Globalization (3)

**Additional Requirements (5 credits):**

GEOG1050. Introduction to Geography (3)

HIST3580. Teaching Social Studies in Secondary Schools (2)

**Visual Arts Endorsement Area (6-12 or K-12)**

**Requirements:** 45 credits including 6 credits in education methods

ARDE1020. 2D Design (3)

ARDE1040. Drawing 1 (3)

ARDE2010. 3D Design (3)

ARDE2410. Painting 1 (3)

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

ARDE2430. Introduction to Computer Graphics (3)

ARDE2760. Photography 1 (3)

ARDE3330. Teaching Art in the K-8 School (3)

ARDE3530. Teaching Art in the Secondary School (3)

ARDE3500. Studio Practice and Critique (3)

**Choose two art history courses (6 credits) from:**

ARDE3250. Art History 1 (3)

ARDE3750. Art History 2 (3)

ARDE3950. Modern and Contemporary Art History (3)

**Choose three elective courses (9 credits) from:**

ARDE2050. Ceramics 1 (3)

ARDE2070. Figure Studies (3)

ARDE3060. Printmaking (3)

ARDE3080. Introduction to Bookmaking and Letterpress (3)

ARDE3430. Digital Photography (3)

ARDE4870. Senior Exhibition (3)

**Visual Arts First Endorsement (6-12 or K-12)**

**Requirements:** 30 credits including 6 credits in education methods

ARDE1020. 2D Design (3)

ARDE1040. Drawing 1 (3)

ARDE2010. 3D Design (3)

ARDE2410. Painting 1 (3)

ARDE2430. Introduction to Computer Graphics (3)

ARDE2760. Photography 1 (3)

ARDE3330. Teaching Art in the K-8 School (3)  
ARDE3530. Teaching Art in the Secondary School (3)

**Choose one art history course (3 credits) from:**

ARDE3250. Art History 1 (3)  
ARDE3750. Art History 2 (3)  
ARDE3950. Modern and Contemporary Art History (3)

**Choose one elective course (3 credits) from:**

ARDE2050. Ceramics 1 (3)  
ARDE2070. Figure Studies (3)  
ARDE2350. Graphic Design 1: Introduction to Visual Communications (3)  
ARDE3060. Printmaking (3)  
ARDE3080. Introduction to Bookmaking and Letterpress (3)  
ARDE3430. Digital Photography (3)

## **Visual Arts Second Endorsement (6-12 or K-12)**

**Requirements:** 24 credits including 6 credits in education methods

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

**Choose one art history course (3 credits) from:**

ARDE3250. Art History 1 (3)  
ARDE3750. Art History 2 (3)  
ARDE3950. Modern and Contemporary Art History (3)

**Choose one elective course (3 credits) from:**

ARDE2050. Ceramics 1 (3)  
ARDE2070. Figure Studies (3)  
ARDE2430. Introduction to Computer Graphics (3)  
ARDE3060. Printmaking (3)  
ARDE3080. Introduction to Bookmaking and Letterpress (3)  
ARDE3430. Digital Photography (3)

## **World Language, Spanish First Endorsement (6-12)**

**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 World 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 (8) credits in Spanish numbered above 2999**

**Additional requirement:**

Demonstrate oral proficiency (ACTFL intermediate high or better on a modified oral proficiency examination).

**World Language, Spanish Second Endorsement (6-12)**

**Requirements:** 22 credits of which 14 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 World Language in the Secondary School (2)

**Three (3) credits in Spanish numbered above 2999**

**Additional requirements:**

Demonstrate oral proficiency (ACTFL intermediate high or better on a modified oral proficiency examination).

# Department of History and Political Science

**Faculty:** Justin Clardie (Department Chair), Matthew Millsap, and Stephen Morgan

## Student Learning Outcomes

1. Students will demonstrate content expertise in their respective disciplines.
2. Students will offer well-reasoned, evidence-based arguments addressing core questions and debates in their disciplines.
3. Students will apply theories and historical knowledge to explain and evaluate contemporary political, social and cultural issues.
4. Students in departmental general education courses will demonstrate understanding of social science theories and their application to real world events.
5. Students will be able to analyze cultural issues from a variety of perspectives and demonstrate intercultural competencies as they interact and collaborate with individuals of a culture different from their own.
6. Students in departmental general education courses will develop an evidence-based historical analysis that illuminates the human story by examining events, ideas and values of past societies and culture.

## Majors

[Bachelor of Arts, History](#)

[Bachelor of Arts, Political Science and International Relations](#)

History Education

See [Secondary Education: History First Teaching Field, History Second Teaching Field, American Government/Political Science Second Teaching Field](#)

## Minors

[History](#)

[Political Science](#)



## **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. Stephen Morgan

**Requirements:** 46-48 credits: 40 in history. History credits must include 18 credits in core courses, 4 Senior Thesis/Capstone credits, and 18 credits in courses numbered above 2999.

### **Core Courses (18 credits):**

HIST1030. The World and the West I (3)

HIST1040. The World and the West II (3)

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

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

HIST3480. Modern Europe (1800-Present) (3)

HIST3440. History of Christianity in America (3)

Eighteen credits in history numbered above 2999 (18 credits)

**HIST4970. Senior Thesis/Capstone (4 credits)**

**One year of foreign language (same language, either modern or classical), or an equivalent level of language training. (6-8 credits)**

## **Bachelor of Arts, Political Science and International Relations**

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. Justin Clardie

**Requirements:** 49-51 credits: 40 in political science of which 31 shall be numbered above 2999

**Core Courses (22 credits):**

POLS1010. American National Politics (3)  
POLS1030. The Foundations of Politics: The Quest for Peace and Justice (3)  
POLS1050. Introduction to International Relations (3)  
POLS3520. Theories of Politics (3)  
POLS3610. Comparative Politics (3)  
POLS4960. Internship in Political Science (3)  
POLS4970. Senior Thesis and Capstone (4)

**Students can choose from one of the three tracks below:**

**General Political Science Track (27-29 Credits):**

One year of modern foreign language (same language) (6-8)

Twelve (12) credits in political science numbered above 2999.

**Nine (9) credits from the following courses:**

HIST3390. Recent America (3)  
HIST3480. Modern Europe (1800-Present) (3)  
HIST3490. Modern Africa (3)  
MATH2240. Elementary Statistics (3)  
PHIL3020. Systems of the World (3)  
PHIL4210. Relativity and Disaster (3)

**International Relations Track (27-29 credits):**

One year of modern foreign language (same language) (6-8)

GEOG1050. Introduction to Geography (3)  
POLS3100. Globalization (3)  
POLS4560. International Law and Human Rights (3)

**Twelve (12) credits from the following courses:**

ECON2010. Principles of Economics (3)  
ECON4050. Global Economics (3)  
HIST3480. Modern Europe (1800-Present) (3)  
HIST3490. Modern Africa (3)  
MATH2240. Elementary Statistics (3)  
POLS3310. Presidential Power: The Politics of Leadership (3)

POLS3330. U.S. Foreign Policy (3)  
POLS4410. Constitutional Law (3)  
POLS4420. Civil Rights and Civil Liberties (3)

Study Abroad Experience

**Pre-Law Track (27 credits):**

CRIM1500. Introduction to Criminal Justice (3)  
CRIM3350. Criminal Law (3)  
CRIM4360. Criminal Procedure (3)  
POLS4410. Constitutional Law (3)  
POLS4420. Civil Rights and Civil Liberties (3)

**Twelve (12) credits from the following courses:**

BSNS3410. Business Law I (3)  
BSNS3420. Business Law II (3)  
COMM3420. Persuasion (3)  
COMM3500. Argumentation and Debate (3)  
CRIM2250. Law Enforcement and Community Policing (3)  
CRIM4250. Criminal Court Systems (3)  
CRIM4360. Criminal Procedure (3)  
ENGL2120. English Grammar and Usage (2); **or**,  
ENGL2122. English Grammar and Usage/Linguistics and History (3)  
ENGL3020W. Principles of Writing (3)  
PHIL2020. Ethics (3)  
PHIL3080. Critical Reasoning (3)  
POLS3310. Presidential Power: The Politics of Leadership (3)  
POLS4560. International Law and Human Rights (3)

## **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:** Chair, Department of History and Political Science

**Requirements:** 21 credits of which 15 shall be numbered above 2999

**Core Courses (6 credits):**

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:** Chair, Department of History and Political Science

**Requirements:** 21 credits of which 12 shall be numbered above 2999

**Core Courses (9 credits)**

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)**

# Department of Kinesiology

**Faculty:** Scott Kinnaman (Department Chair), Ben Gall

## Student Learning Outcomes

1. Students in 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 and Transformation)
2. Students will demonstrate current methods in leadership, management, and coaching techniques within respective professional employment environments. (Transformation, Community)
3. Students will utilize and implement knowledge of the human body and its movement function within a recreational or an athletic setting in order to adapt and improve physical performance. (Truth)
4. Students will be able to use a variety of information technologies, internships, field experiences, and student and peer teaching experiences to help develop their personal style of leadership and instruction for future endeavors. (Transformation, Service)
5. Students will be aware of the current health issues within the context of a complex societal environment, and 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 Concentration

Kinesiology/Coaching Concentration

Sport Management Concentration

Outdoor Recreation Concentration

## Physical Education

See [Secondary Education: Physical Education Teaching Area](#), [Kinesiology First Teaching Field](#), [Physical Education Second Teaching Field](#), [Health Second Teaching Field](#)

## Minor

[Kinesiology](#)

# **Bachelor of Arts, Recreation and Sport Management**

**Administrator:** Scott Kinnaman (Department Chair), Kinesiology Department

**Requirements:** 48-50 credits, including completion of core courses (34 credits) of which 19 shall be KINE credits numbered above 2999, and one area of concentration (14-16 credits). 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. Physiology of Exercise (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. Kinesiology 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 Concentration***

\*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 and Physical Therapy with 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 Concentration***

**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 and Physical Therapy with Laboratory (3)  
KINE2730. Nutrition Across the Lifespan (2)  
KINE3440. Advanced Athletic Training (3)  
KINE3560. Psychology and Techniques of Coaching (3)  
KINE3600. Motor Development and Motor Learning (2)  
KINE4560. Administration and Supervision of HPERD (3)

***Sport Management Concentration***

**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)  
ECON2010. Principles of Economics (3)

## ***Outdoor Recreation Concentration***

**Select 14-16 credits from the following courses:**

KINE2700. Leadership in Outdoor Recreation (3)

Complete 4 credits from the following:

BIOL1030. Earth Science (3) **and,**

BIOL1030L. Earth Science Lab (1)

BIOL1040. Environmental Science (3); **and,**

BIOL1040L. Environmental Science Laboratory (1)

PHYS1060. Descriptive Astronomy (3) **and,**

PHYS1060L. Descriptive Astronomy Laboratory (1)

BIOL2300. Idaho Amphibians (4)

BIOL2320. Idaho Birds of Prey (4)

Complete 4 credits from the following:

KINE2900A. Outdoor Skills - Water (2)

KINE2900B. Outdoor Skills - Land (2)

KINE2900C. Outdoor Skills - Snow (2)

Complete 3-5 credits from the following:

BSNS1110. Intro to Business (1)

BSNS3960. Internship in Business (2-3)

KINE1020G. Skiing (downhill, snowboard, nordic) (1)

KINE1030F. Archery/Riflery (1)

KINE1030S. Rock Climbing (1)

KINE1040. Outdoor Activities (1)

KINE2640. Recreational and Outdoor Activities (1)

KINE4094. Special Topics in Kinesiology (1-4)

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



## **Minor, Kinesiology**

### **Administrator:**

Scott Kinnaman (Department Chair), Department of Kinesiology

The Kinesiology minor is a combination of activity and core courses found in the area of Kinesiology. It will provide the student with a wide experience of core coursework in the major and activity-based instruction and participation.

**Requirements:** 18-19 credits, 9 of which shall be numbered 2999 and above.

### **Required:**

KINE2640. Kinesiology Majors Activity Laboratory (1)

\*Students must complete CPR/First aid certification (American Red Cross preferred)

### **Choose 2 courses for 2-3 credits:**

KINE1020. Heart Healthy Activities (1)

KINE1030. Lifetime Sport Activities (1)

KINE1040. Outdoor Activities (1)

KINE2900A. Outdoor Skills Water\* (2)

KINE2900B. Outdoor Skills Land\* (2)

KINE2900C. Outdoor Skills Snow\* (2)

### **Complete 15 credits, 9 of which shall be numbered above 2999**

KINE1310. Introduction to Recreation and Kinesiology (3)

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

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

KINE2700. Leadership in Outdoor Recreation \* (3)

KINE2730. Nutrition across the Lifespan (2)

KINE2750. Outdoor Pursuits (2)

KINE2850. Camp Administration and Outdoor Education\* (2)

KINE3440. Advanced Athletic Training\* (3)

KINE3560. Psychology and Techniques of Coaching (3)

KINE3600. Motor Development and Motor Learning (2)

KINE3630. Corrective Adaptive Physical Education (2)

KINE3640. Physiology of Exercise (3)

KINE3650. Biomechanics (3)

KINE2094. or KINE4094. Topics in Kinesiology (1-3)

KINE4520. Tests and Measurements in Physical Education\* (3)

KINE4560. Administration and Supervision of HPERD\* (3)

\*Alternate Year Courses

## Department of Language and Literature

**Faculty:** Catherine Becker, Darrin Grinder, Julie Straight (Department Chair), Devon Van Essen, David Adkins

Since scholars in the ancient world studied the *Iliad*, when Talmudic scholars studied the Torah, or as we translate the stories of indigenous peoples, the studies of language, literature, and cultures have been connected nearly seamlessly. Texts are alive in many media: the ways we build our homes, the ways we speak with each other, the ways we rear our children, the ways we approach the divine. In this department we seek to maintain these connections and encourage the studies of the way we talk, write, think, create, and live to enrich and inform one another in a challenging, nurturing, and vibrant environment. If you like to read, write, listen, create as a community of poets, scholars, travelers, and adventurers, this can be your academic home.

### Student Learning Outcomes

1. Students will think critically, express themselves clearly, research successfully, and demonstrate an appreciation for the medium of language (Transformation).
2. Students will read and engage with Western and world literature, including canons and alternative canons. (Truth).
3. Students will demonstrate a concrete knowledge of authors and their literary works, articulating the author and work's place in the culture from which they arose and in the literary world as a whole (Truth).

### Majors

[Bachelor of Arts, English](#)

English Education

Spanish Education

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

### Co-Major

[Creative Writing](#)

## Minors

[Literature](#)

[Professional Writing](#)

[Spanish](#)

## 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 and Literature

**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. Contemporary Poetry (3); **or**

ENGL3520. Contemporary Drama (3)

ENGL3910. Literary Theory and 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 ENGL1030A and B) (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

## **Co-Major, Creative Writing**

The co-major in Creative Writing provides students with opportunities to practice writing in multiple genres, to read and discuss models of great literature, and to understand the style and function of the English language.

**Administrator:** Chair, Department of Language and Literature

**Requirements:** 31 credits of which 19 shall be numbered above 2999, completion of a major or second co-major from a different discipline

ENGL2050. Beginning Creative Writing (3)

ENGL3015I. Topics in Writing: Creative Non-Fiction (3)

ENGL3040W. Creative Writing—Prose (3)

ENGL3050. Creative Writing—Poetry (3)

ENGL3120. Linguistics: Structure and History of English (3)

ENGL3510. Contemporary Poetry (3)

ENGL4980. Senior Seminar (1)

### **Writing Elective:**

An additional ENGL3015 topics course (3)

### **Three courses selected from:**

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

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

ENGL2410. Major Literature in the Western World (3)

ENGL3320. Shakespeare (3)

ENGL3410. Greek and Roman Classics (3)

ENGL3520. Contemporary Drama (3)

ENGL4270. Minority Voices in American Literature (3)

## 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 and Literature

**Requirements:** 18 credits of which 12 shall be numbered 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 and Literature

**Requirements:** 21 credits of which 15 shall be numbered above 2999

ENGL3015C. Topics in Writing: Tech/Prof Writing (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:**

COMM2420. Introduction to Public Relations (3)

COMM3240. Public Relations Writing (3)

COMM3420 Persuasion (3)

COMM4440 Rhetorical Theory and Criticism (3)

ENGL2610W Introduction to Journalism (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 and Literature

**Requirements:** 17 credits of which 9 shall be numbered above 2999.

SPAN2010. Intermediate Spanish (4)

SPAN2020. Intermediate Spanish (4)

**Nine credits in Spanish numbered above 2999 representing two of the following areas (9)**

Culture (including history and civilization)

Linguistics

Literature

**Students are highly encouraged to participate in a travel-abroad or cultural immersion experience in a Spanish-speaking country.**

# Department of Mathematics and Computer Science

**Faculty:** Jason Colwell, Dale Hamilton, Ed Korntved, Kevin McCarty, Barry Myers  
(Department Chair)

## Student Learning Outcomes

1. Students will be able to master the basic knowledge in the field.
2. Students will be able to apply knowledge appropriately.
3. Students will be able to communicate subject content effectively.
4. Students will be able to work well in a team environment and with professionalism.

## Majors

### [Bachelor of Science, Computer Science](#)

- Computer Science Core Concentration
- Cybersecurity Concentration
- Data Science Concentration

### [Bachelor of Science, Mathematics](#)

### [Bachelor of Arts, Computer Science](#)

- Cybersecurity Concentration
- Data Science Concentration

### [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:** 62-72 credits, including 45-55 in computer science

COMP1220. Introduction to Computer Science (3)

COMP2220. Computer Programming I (3); **and**,

COMP2220L. Computer Programming I 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)

COMP3970. Introduction to Senior Project (1)

COMP4680. Software Development Project (4); **or**,

COMP4970. Research (1-3) (4 required)

COMP4980\*. Senior Seminar/Capstone (1)

MATH2310. Discrete Mathematics (3)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3320. Linear Algebra (3)

MATH3240. Probability and Statistics I (3)

## **Complete at least one of the following concentrations:**

### **Computer Science Core Concentration (9 credits)**

COMP3640. Networks and Data Communications II (3)

COMP3750. Algorithm Analysis (3)

Choose one 3 credit course from:

Any additional Computer Science course numbered 3000 or above

Any additional Mathematics course numbered 3000 or above



**Cybersecurity Concentration (18 credits)**

COMP3470. Cybersecurity Principles (3)

COMP3480. Cyber Defense (3)

COMP3640. Networks and Data Communications II (3)

COMP4470. Cyber Warfare (3)

COMP4480. Cyber Forensics and Recovery (3)

COMP4330. Machine Learning (3) or

COMP4340. Advanced Database Design and Programming (3)

**Data Science Concentration (18 credits)**

COMP3750. Algorithm Analysis (3)

COMP4330. Machine Learning (3)

Choose four courses from:

COMP3230. Introduction to Spatial Analysis (3)

COMP3810. Parallel Computation (3)

COMP4220. Artificial Intelligence (3)

COMP4340. Advanced Database Design and Programming (3)

MATH3250. Probability and Statistics II (3)

\* **COMP4980** must be taken at Northwest Nazarene University.

**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)

MATH3240. Probability and Statistics I (3)

MATH3310. Methods of Proof (3)

MATH3320. Linear Algebra (3)

MATH3530. Calculus III (4)

MATH3540. Differential Equations (4)

MATH4320. Modern Algebra (4)  
MATH4510. Real Analysis I (4)  
MATH4520. Real Analysis II (2)  
COMP1220. Introduction to Computer Science (3)

**Choose one of the following:**

MATH3250. Probability and Statistics II (3); **or**,  
MATH4330. Modern Algebra (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:** 58-60 credits including 35-37 in computer science

COMP1220. Introduction to Computer Science (3)  
COMP2220. Computer Programming I (3); **and**,  
COMP2220L. Computer Programming I 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)  
COMP3630. Networks and Data Communications I (3)  
COMP3970. Introduction to Senior Project (1)  
COMP4680. Software Development Project (4); **or**,  
COMP4970. Research (1-3) (4 required)  
COMP4980.\* Senior Seminar/Capstone (1)  
MATH2240. Elementary Statistics (3)  
MATH2310. Discrete Mathematics (3)  
Any additional Computer Science course numbered 3000 or above

**Twenty credits in a specific area of concentration approved by the chair of the Department of Mathematics and Computer Science.**

**An additional major, co-major, or minor at NNU will qualify in fulfillment of an area of concentration.**

### **Cybersecurity Concentration**

COMP3470. Cybersecurity Principles (3)  
COMP3480. Cyber Defense (3)  
COMP3640. Networks and Data Communications II (3)  
COMP4470. Cyber Warfare (3)  
COMP4480. Cyber Forensics and Recovery (3)  
COMP4330. Machine Learning (3) **or**  
COMP4340. Advanced Database Design and Programming (3)

Two additional credits in either Computer Science or a discipline approved by the chair of the Department of Mathematics and Computer Science.

### **Data Science Concentration**

COMP3750. Algorithm Analysis (3)  
COMP4330. Machine Learning (3)

Choose three courses from:

COMP3230. Introduction to Spatial Analysis (3)  
COMP3810. Parallel Computation (3)  
COMP4220. Artificial Intelligence (3)  
COMP4340. Advanced Database Design and Programming (3)

Five additional credits in either Computer Science or a discipline approved by the

chair of the Department of Mathematics and Computer Science.

\* **COMP4980** must be taken at Northwest Nazarene University

## **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 courses numbered 3000 or above. Completion of core courses plus Option A or Option B is required.

**Core Courses:** 35 credits

COMP1220. Introduction to Computer Science (3)

MATH2310. Discrete Mathematics (3)

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3240. Probability and Statistics I (3)

MATH3310. Methods of Proof (3)

MATH3320. Linear Algebra (3)

MATH3530. Calculus III (4)

MATH3540. Differential Equations (4); **or**,

MATH4510. Real Analysis I (4)

MATH4320. Modern Algebra (4)

**Option A:** 13 credits

MATH3280. Modeling and Operations Research (3)

MATH3560. Numerical Analysis (3); **or**,

MATH3250. Probability and Statistics II (3)

COMP2220. Computer Programming I (3); **and**,

COMP2220L. Computer Programming I Laboratory (1)

COMP2750. Data Structures (3)

**Option B: 16 credits**

MATH3280. Modeling and Operations Research (3)

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)

Nine credits of approved business/economics courses (9)

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.

## **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 numbered 3000 or above. Every student must complete the following:

COMP1220. Introduction to Computer Science (3)

COMP2220. Computer Programming I (3); **and**,

COMP2220L. Computer Programming I 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 numbered 3000 or above. Completion of core courses plus Option A or Option B is required.

### **Core Courses**

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3320. Linear Algebra (3)

### **Option A**

MATH3310. Methods of Proof (3)

MATH3240. Probability and Statistics I (3); **or**,

MATH3560. Numerical Analysis (3)

MATH4320. Modern Algebra (4); **or**,

MATH4510. Real Analysis I (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

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.

### Student Learning Outcomes:

The primary outcomes of the senior Army ROTC are:

1. To provide world-class leadership training by leveraging Northwest Nazarene University's outstanding academic programs to transform scholar-athlete leaders and provide tactically and technically competent future officers with a strong moral compass and essential skills to lead small units upon arrival to their first units in the United States Army, Army Reserve, and Army National Guard.
2. To prepare qualified students for a commission as a Second Lieutenant in the United States Army.

### Minor

#### [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:** (18 credits) Students who wish to enroll in the minor curriculum in military science must first apply and be accepted to upper-division (candidacy) for the advanced 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 (3-6) (6 required)  
MILS4010. Developing Adaptive Leaders (3)  
MILS4020. Leadership in a Complex World (3)

# Department of Music

**Faculty:** Philip Miller (Department Chair), Judy Marlett, George Turner, John Dally, Jayoung Hong

## Mission

The mission of the music department 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.

## Student Learning Outcomes

1. Students will demonstrate excellence in performing music at a level appropriate for the particular music concentration.
2. Students will demonstrate the ability to gain meaningful employment in the field of music.
3. Students will demonstrate the ability to work on musical problems through an understanding of the common elements, history, and organizational patterns of music.
4. Students will demonstrate the ability to create original or derivative music.
5. Students will demonstrate an ability to invest empathetically and redemptively into the areas of their particular music concentration.

## Majors

### [Bachelor of Arts, Music](#)

#### Applied Concentration

Track I Piano

Track II Voice

Track III Instrumental

Track IV Theory/Composition

Commercial Music Concentration

General Music Concentration



## Bachelor of Arts, Worship Arts

Music Education

See Secondary Education: Music Teaching Area, Music Second Teaching Field

### **Minors**

#### Music

Commercial Music

Worship Arts

## **Bachelor of Arts, Music**

**Administrator:** Chair, Department of Music

### **Requirements for Applied, Commercial Music, and General Music**

**Concentrations:** 48-60 credits: 32 core credits and the requirements for one area of concentration (16-28)

**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 I Laboratory (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 do the following:

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 Concentration**

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.

### **Track I Requirements (Piano): 23 credits**

#### **Required Courses: 4 credits**

MUSC3430. Performance Practices (1)

MUSC4390. Piano Methods (3)

Recital during junior and senior years

**Major performance medium: 13 credits**

#### **Electives - 6 credits from the following:**

MUSC3220. Counterpoint (3)

MUSC3230. Composition (3)

Three credits in music numbered above 2999 (3)

### **Track II Requirements (Voice): 21 credits**

#### **Required Courses: 6 credits**

MUSC3440. Diction (3)

MUSC4410. Voice Methods (3)

Recital during junior and senior years

**Major performance medium: 12 credits**

**Electives - 3 credits from the following:**

MUSC3220 Counterpoint (3)

MUSC3230. Composition (3)

**Track III Requirements (Instrumental): 21 credits**

**Required Courses: 3 credits**

MUSC3099. Independent Study - Methods (3)

**Major performance medium: 12 credits**

**Electives - 6 credits from the following:**

MUSC3220. Counterpoint (3)

MUSC3230. Composition (3)

Three credits in music numbered above 2999 (3)

**Recital during junior and senior years**

**Track IV Requirements (Theory/Composition): 21-22 credits**

**Required Courses: 11 credits**

MUSC3210. Orchestration (3)

MUSC3220. Counterpoint (3)

MUSC3230. Composition (3)

MUSC3610. Advanced Conducting (2)

**Major performance medium: 8 credits**

**Electives - 2-3 credits from the following:**

MUSC2020. Survey of Performing Arts (3)

MUSC2350B. Brass Methods (1)

MUSC2350P. Percussion Methods (1)

MUSC2350S. String Methods (1)

MUSC2350W. Woodwind Methods (1)

**Recital and/or project during senior year**

## **Commercial Music Concentration**

Designed for students pursuing a career in commercial music fields. Tracks emphasize (Track I) music management for tours, artists, and/or venues, or (Track II) audio production in live and/or studio settings. Requirements below combine with the 32 Core Music credits to prepare graduates of exceptional musicianship for industry service.

### **Track I Requirements (Music Management): 28 credits**

#### **NNU required courses: 12 credits**

MUSC2950. Field Experience in Music Management (1) (5 required)

MUSC2960. Field Experience in Audio Production (1)

MUSC3650. Studio and Live Sound (3)

MUSC4980. Seminar: Music Business Management (3)

### **Half recital or Music Industry project during the senior year**

#### **Semester abroad courses (Contemporary Music Center, Nashville or similar): 16 credits**

Faith, Music, & Culture (3)

Inside the Music Industry (3)

Practicum: CMC Tour (1)

Strategic Management (3)

Music Business Survey (3)

Advanced Media Marketing (3)

### **Track II Requirements (Audio Production): 28 credits**

#### **NNU required courses: 12 credits**

MUSC2950. Field Experience in Music Management (1)

MUSC2960. Field Experience in Audio Production (1) (5 required)

MUSC3650. Studio and Live Sound (3)

MUSC4980. Seminar: Music Business Management (3)

### **Half recital or Music Industry project during the senior year**

**Semester abroad courses (Contemporary Music Center, Nashville or similar): 16 credits**

Faith, Music, & Culture (3)

Inside the Music Industry (3)

Practicum: CMC Tour (1)

Advanced Studio Recording (3)

Audio Engineering (3)

Concert Production (3)

**General Music Concentration: 16 credits**

Designed to give the student a general background in music and a working knowledge of its elements.

**Required Courses: 7 credits**

MUSC2020. A Survey of Performing Arts (3)

MUSC2240. Improvisation (3)

MUSC3750. Symphonic Literature (1)

**Electives - 9 credits from the following:**

MUSC3220. Counterpoint (3) **or**

MUSC3230. Composition (3)

Six credits in music numbered above 2999 (6)

**Half recital or project senior year**

**Bachelor of Arts, Worship Arts**

Shared by Department of Music and Department of Philosophy and Religion

**Administrators:** Chair, Department of Music; Chair, Department of Philosophy and Religion

This major is designed for students interested in various forms of worship ministries. The major does not fulfill educational requirements for ordination in the Church of the Nazarene. However, students can fulfill ordination requirements by also completing the Christian Ministry minor.

**General Education Foundational Courses: 18 credits**

BIBL1100. Introduction to Biblical Studies (3)  
BIBL3220. Psalms (3)  
COMM1210. Introduction to Public Speaking (3)  
PHIL2020. Ethics (3)  
PSYC1550. Introduction to Psychology (3)  
THEO2100. Introduction to Christian Theology (3)

**Major Specific Requirements: 51 credits****Core Courses: 46 credits**

BIBL4340. New Testament Narratives (3) **or**  
BIBL4350. New Testament Letters (3)  
CHIS3630. Christ, Councils, and Creeds (3)  
MUSC0900. Fundamentals of Music (2)  
MUSC1200. Beginning Music Theory I (2)  
MUSC1210. Beginning Music Theory I Laboratory (1)  
MUSC1220. Beginning Music Theory II (3)  
MUSC1230. Beginning Music Theory II Laboratory (1)  
MUSC1310. Digital Music and Technology (3)  
MUSC2096. Field Experience in Worship Arts (1)  
MUSC2110. Introduction to Worship Arts and Leadership (3)  
MUSC3200. Practicum in Worship Planning and Leadership (3)  
MUSC3210. Orchestration (3)  
MUSC3600. Basic Conducting (2)  
PRTH1710. Exploring Vocation and Call (1)  
PRTH3220. Worship Theory and Development (3)  
PRTH4960. Internship in Christian Ministry (3)  
THEO4550. Systematic Theology I (3)  
THEO4560. Systematic Theology II (3)  
THEO4570. Systematic Theology III (3)

Ministerial Standing (Senior Year)

**Electives: 5 credits from the following (all are recommended):**

PRTH1810. Spiritual and Personal Formation I (1)  
PRTH1820. Spiritual and Personal Formation II (1)  
PRTH2810. Spiritual and Professional Formation I (1); **and,**  
PRTH2810L. Spiritual and Professional Formation Lab (0)  
PRTH2820. Spiritual and Professional Formation II (1)

PRTH3810. Spiritual and Ministry Formation I (1)  
PRTH3820. Spiritual and Ministry Formation II (1)  
PRTH4810. Spiritual and Leadership Formation (1)

## **Minor, Music**

**Requirements: 23 credits**

**Core Courses: 17 Credits**

MUSC0900. Fundamentals of Music (2)  
MUSC1200. Beginning Music Theory I (2)  
MUSC1210. Beginning Music Theory I Laboratory (1)  
MUSC1220. Beginning Music Theory II (3)  
MUSC1230. Beginning Music Theory II Laboratory (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)

**3 credits in music numbered above 2999; not including ensembles or applied music**

**3 credits minimum of applied music and/or ensemble credit (additional fee required for applied music)**

## **Minor, Commercial Music**

**Requirements: 24 credits**

**Core Courses: 17 credits**

MUSC0900. Fundamentals of Music (2)  
MUSC1310. Digital Music and Technology (3)  
MUSC3650. Studio and Live Sound (3)  
MUSC4980. Seminar in Music Business Management (3)  
COMM2020. Media Systems and Literacy (3) **or**  
COMM2420. Introduction to Public Relations (3) **or**

COMM3210. Advanced Public Speaking (3)  
BSNS3510. Principles of Marketing (3) **or**  
BSNS3880. Digital and Social Media Marketing (3)

**No less than 3 credits of applied music and/or ensemble credit (additional fee required for applied music) (3)**

**4 credits of the following two classes - 3 credits of one with 1 credit of the other:**  
MUSC2950. Field Experience in Music Management (1)  
MUSC2960. Field Experience in Audio Production(1)

**Half recital or Music Industry project during the senior year**

## **Minor, Worship Arts**

### **Requirements: 24 credits**

MUSC0900. Fundamentals of Music (2)  
MUSC1200. Beginning Music Theory I (2)  
MUSC1210. Beginning Music Theory I Laboratory (1)  
MUSC1220. Beginning Music Theory II (3)  
MUSC1230. Beginning Music Theory II Laboratory (1)  
MUSC2110. Introduction to Worship Arts and Leadership (3)  
MUSC3096 Field Experience in Worship Arts (1)  
MUSC3200. Practicum in Worship Planning and Leadership (3)  
MUSC3600. Basic Conducting (2)  
PRTH3220 Worship Theory & Development (3)  
THEO3590 Theology of the Church (3)



## **College of Nursing**

**Faculty:** Linda Valenzuela (Dean), Georgianna Ainslie, Christine Bayes, Jan Crabill, Joshua Daniels, Trish Garcia, Bethany Hazel, Rebekkah Hulen (Interim BSN Director), Bethany Mello, (MSN-FNP Director), TBD (RN-BSN & MSN Director), Annette Thompson, Jane Weis, Bonnie Zaroban

### **College of Nursing Mission Statement:**

The mission of the College of Nursing at Northwest Nazarene University is to provide a quality nursing education and prepare nurses who excel in clinical practice by providing patient and family centered care in the context of Christlike behavior.

### **BSN Nursing Goal Statement**

The goal of the undergraduate nursing program is to equip baccalaureate prepared nurses to practice as nurse leaders who:

- advocate for individuals, families, and communities through evidence-based care;
- use clinical thinking and clinical judgment to implement evidence-based care;
- are engaged in and influence health policy in a variety of settings;
- serve God and humanity with wisdom, integrity, caring, and respect for cultural diversity.

### **BSN Program Learning Outcomes**

Graduates of the Bachelor of Science in Nursing program at Northwest Nazarene University will:

1. Apply theories and concepts from scientific and liberal arts education into nursing practice.
2. Demonstrate leadership and communication skills to effectively implement patient safety and quality improvement initiatives within the context of the interprofessional team in a variety of settings.
3. Integrate evidence, clinical judgment, interprofessional perspectives, and patient preferences in planning, implementing, and evaluating outcomes of care in a variety of settings.
4. Incorporate ethical standards of data security, regulatory requirements, and confidentiality in the use of patient care technologies to address the needs of a diverse patient population.

5. Demonstrate basic 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. Advocate for high quality, evidence-based, safe patient care as a member of the interprofessional and intraprofessional teams to optimize patient outcomes.
7. Collaborate to develop interventions that take into account social determinates of health, available resources, and the range of activities that contribute to health and the prevention of illness, injury, disability, and premature death for vulnerable populations.
8. 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.
9. Implement the role of the nurse generalist through the nursing process to provide holistic, patient-centered care that reflects an understanding of human growth and development, pathophysiology, pharmacology, clinical, and nursing management across the health-illness in all healthcare settings.

These outcomes reflect the expectations of the *American Association of Colleges of Nursing (AACN) Essentials for Baccalaureate Nursing Education* and the mission of the University and the College of Nursing.

## Major

### [Bachelor of Science in Nursing](#)

## Bachelor of Science in Nursing

Administrators: Dean, Undergraduate Nursing Chair

### Admission Process

1. Apply to NNU. The applicant must apply and be notified of acceptance to the University before applying to the BSN Program.
2. All applicants must review the prerequisites and GPA requirements **and** attend a Prospective Nursing Student Advising Session **before** submitting the *Application for Admission to the Department of Nursing Pre-Licensure Program*.
  - Students enrolled in NURS1000 will receive this information in class.
  - All other students may schedule to attend the Student Advising Session by contacting Jim Butkus in the Admissions Office at [jdbutkus@nnu.edu](mailto:jdbutkus@nnu.edu).

3. Apply to On-Campus BSN Program. The link is available at <https://www.nnu.edu/bachelor-of-science-in-nursing-admission-requirements>.

- All prerequisites are included in the Admissions Packet.
- All applicants are required to meet with a pre-nursing advisor to review the application process and prerequisites prior to applying. This can be done by emailing [nursing@nnu.edu](mailto:nursing@nnu.edu).

To be eligible for admission into the BSN Program:

- Earn a minimum grade of "C" in all prerequisite courses.
- Earn a cumulative GPA of 3.0 on a scale of 4.0 in the courses required for admission. (See Admission Packet)
- Successfully complete the Standardized Entrance Exam.
- Pass an interview with a member of the BSN Program Admission Committee.
- Review and agree to meet the *Technical Standards for the Nursing Program* in the Admission Packet.
- Must be 18 years old by Sophomore year, 2nd semester (must be 18 for the clinical rotation).

*Admission to the BSN Program is not guaranteed. Each applicant will be evaluated based upon an admission rubric that combines points from the interview, the standardized entrance exam score, and GPA. Details for point breakdown is available in the Admission Packet.*

It is required that students meet with the pre-nursing advisor prior to applying. Contact us at [nursing@nnu.edu](mailto:nursing@nnu.edu).

### **Prerequisite Courses for Admission to the Bachelor of Science in Nursing Program**

Minimum grade of "C" required

Fall Admission:

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)\*

ENGL1030A. University Writing and Research A (3), **or**  
ENGL1030B. University Writing and Research B (3)  
NURS1000. Introduction to the Profession of Nursing (1)  
NURS2100. Medical Terminology (1)  
PSYC1550. Introduction to Psychology (3)

For Spring Admission, it is strongly recommended to have completed the following:  
BIOL2420. Microbiology(3); **and**,  
BIOL2420L. Microbiology Lab (1)  
PSYC2100. Lifespan Development (3)

\*For transfer students, the BSN Program will accept either Introduction to Sociology or an approved Introduction to Cultural Anthropology course.

The BSN Program will not accept a pass/fail on prerequisite courses - all courses ***must*** have a letter grade. Points are assigned for the CLEP and AP scores. ***A transcript from CLEP and/or the AP Board are required for evaluation.*** See the Admission Packet.

Pre-requisite courses from a quarter-system school must have a two-course sequence to meet the program requirements. For example, from a quarter-credit writing sequence of WR121, WR122, and WR123, **both** the WR122 and WR123 classes are required for NNU's ENGL1030A or B.

**The following required courses are taken concurrently with the nursing program.**

**Minimum grade of "C" required**

BIOL2420. Microbiology (3); **and**,  
BIOL2420L. Microbiology Lab(1)  
BIOL3820. Pathophysiology (3)  
KINE2730. Nutrition Across the Lifespan (2)  
MATH2240. Elementary Statistics (3) *or comparative statistics course*  
PHIL3600. Clinical Ethics (3)  
PSYC2100. Lifespan Development (3)

## Nursing Courses

**Minimum grade of "C" is required as a final grade in the nursing courses listed below. Additionally, a 75.0% average on examinations is required to pass the theory component of each course. Nursing courses not implementing the 75.0% exam average are NURS4030, and NURS4040. All courses with a clinical component must earn a grade of pass in the clinical portion to progress in the program. See BSN Student Handbook for further information on the grading scale.**

NURS2000. Health Assessment (3)

NURS2015. Foundations of Professional Nursing and Nursing Care of the Older Adult (4)

NURS2030. Fundamentals of Nursing (5)

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 (6)

**Refer to this catalog for the Standard General Education requirements.**

Students admitted to the nursing major are limited to a *maximum* of 16 credits per semester. For any additional credits, permission must be requested in writing to the Admission and Progression Committee. The student can *only* register for additional credits after receiving approval from the Admission and Progression Committee.

## **Department of Philosophy and Religion**

**Faculty:** Jay Akkerman, Joseph Bankard, Joseph Gorman, Mike Kipp, Diane Leclerc, Brent Peterson, Stephen Riley, Christina Smerick, Joanne Solis-Walker, Richard Thompson (Department Chair)

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.

### **Student Learning Outcomes (Philosophy)**

1. Students will demonstrate the ability to summarize, explain, and critique challenging philosophical texts.
2. Students will describe and critique the developmental history of Western philosophy.
3. Students will explain and apply salient features of formal and informal logic.
4. Students will construct and evaluate philosophical arguments using principles of sound reasoning.
5. Students will demonstrate sound ethical reflection, revealing a deep understanding of Christian values, regarding the deep questions of human life.

### **Student Learning Outcomes (Religion)**

1. Content: Graduates will demonstrate a working understanding of Scripture, theology, and the history and mission of the church within the framework of Wesleyan tradition.
2. Context: Graduates will assess the historical, social and contemporary environments in which they minister and creatively engage the world with the mission of the church.
3. Character: Graduates will integrate thoughtful engagement with the curriculum into a life [of personal, communal, and social] pursuit of holiness and justice.
4. Competency: Graduates will demonstrate competency in the effective communication of the Gospel and the administration of the pastoral office.

## **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, Religious Studies](#)

[Bachelor of Arts, Worship Arts](#)

[Bachelor of Arts, Youth Ministry](#)

## **Co-Majors**

[Christian Theology](#)

[Family Ministry](#)

[Missions](#)

[Social Justice](#)

## **Minors**

[Bible](#)

[Children's Ministry](#)

[Christian Ministry](#)

[Family Ministry](#)

[Missions](#)

[Philosophy](#)

[Social Justice](#)

[Theology](#)

[Worship Leadership](#)

[Youth Ministry](#)

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 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 College of Theology and Christian Ministries (CTCM). 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: PRTH1710, 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 CTCM 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 College of Theology and Christian Ministries.

## **Bachelor of Arts, Biblical Studies**

**Objective:** This major provides students with the 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 College 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:** 12 foundational credits, which also meet general education requirements and 42 core credits.

**Foundational Courses:** These courses from the general education offerings are required as foundational to the major

BIBL1100. Introduction to Biblical Studies (3)

COMM1210. Introduction to Public Speaking (3)

PHIL2020. Ethics (3)

THEO2100. Introduction to Christian Theology (3)

**Core Courses: Choose two of the following:**

BIBL4440. Old Testament Narratives (3)

BIBL4450. Old Testament Prophets (3)

BIBL4460. Old Testament Psalms and Writings (3)

4000-level course in Hebrew exegesis (3)

**Choose two of the following:**

BIBL4340. New Testament Narratives (3)

BIBL4350. New Testament Letters (3)

4000-level course in Greek exegesis (3)

GREK2110. Elementary New Testament Greek I (3)

GREK2120. Elementary New Testament Greek II (3)

HEBR2110. Biblical Hebrew I (3)

HEBR2120. Biblical Hebrew II (3)

CHIS3630. Christ, Councils, and Creeds (3)

PHIL3010. Deconstructing the Western Mind (3)

**Choose two of the following:**

THEO4550. Systematic Theology I (3)

THEO4560. Systematic Theology II (3)

THEO4570. Systematic Theology III (3)

Additional 6 credits in 4000-level courses in biblical literature (BIBL), Greek exegesis (GREK), Hebrew exegesis (HEBR), and/or theology (THEO)

## **Bachelor of Arts, Christian Ministry**

**Objective:** This major prepares students to go directly into ministry after graduation. The Christian Ministry major 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 and 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:** 19 foundational credits, which also meet general education requirements and 59 core credits.

**Foundational Courses:** These courses from the general education offerings are required as foundational to the major:

BIBL1100. Introduction to Biblical Studies (3)

COMM1210. Introduction to Public Speaking (3)

PHIL2020. Ethics (3)

PSYC1550. Introduction to Psychology (3)

THEO2100. Introduction to Christian Theology (3)

THEO3630. Exploring Western World Religious Traditions (3); **or,**

THEO3640. Exploring Eastern World Religious Traditions (3)

THEO4900. Religion Capstone (1)

**Core Courses:**

**Choose one of the following:**

BIBL4440. Old Testament Narrative (3)

BIBL4450. Old Testament Prophets (3)

BIBL4460. Old Testament Psalms and Writings (3)

**Choose one of the following:**

BIBL4340. New Testament Narrative (3)

BIBL4350. New Testament Letters (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)

CHIS3410. History and Manual, Church of the Nazarene (3)

(Non-Nazarene students may select an alternate course with advisor's approval)

CHIS3630. Christ, Councils, and Creeds (3)

PHIL3080. Critical Reasoning (3)

PHIL4520. Experiencing God (3)

PRTH1710. Exploring Vocation and Call (1)

PRTH2420. Missional Church I: Intercultural and Global Perspectives (3)

PRTH3220. Worship Theory and Development (3)

PRTH3710. Preaching (3)

PRTH3770. Pastoral Care and Counseling (3)

PRTH4720. Missional Church II: Local Church Perspectives (3)

PRTH4960. Internship in Christian Ministry (3)

THEO4550. Systematic Theology I (3)

THEO4560. Systematic Theology II (3)

THEO4570. Systematic Theology III (3)

Ministerial Standing (Senior year)

**Formational Core (within Core Courses):**

PRTH1810 Spiritual and Personal Formation I (1)

PRTH1820. Spiritual and Personal Formation II (1)

PRTH2810. Spiritual and Professional Formation I (1); **and,**

PRTH2810L. Spiritual and Professional Formation Lab (0)

PRTH2820. Spiritual and Professional Formation II (1)

PRTH3810. Spiritual and Ministry Formation I (1)

PRTH3820. Spiritual and Ministry Formation II (1)

PRTH4810. Spiritual and Leadership Formation (1)

## Bachelor of Arts, Intercultural Ministry

**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 worldview. The College of Theology and Christian Ministries 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 the 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: respectfully engaging 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:** 25 foundational credits, which also meet general education requirements and 50 core credits.

**Foundational Courses:** These courses from the general education offerings are required as foundational to the major:

BIBL1100. Introduction to Biblical Studies (3)

COMM1210. Introduction to Public Speaking (3)

PHIL2020. Ethics (3)

PSYC1550. Introduction to Psychology (3)

THEO2100. Introduction to Christian Theology (3)

THEO3630. Exploring Western World Religious Traditions (3); or,

THEO3640. Exploring Eastern World Religious Traditions (3)

THEO4900. Religion Capstone (1)

**Choose one of the following:**

COMM2030. Interpersonal Communication (3)

COMM3200. Intercultural Communication (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)

**Core Courses:**

One 4000-level course in BIBL, GREK, or HEBR (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)



CHIS3630. Christ, Councils, and Creeds (3)  
CLTA1550. Introduction to Cultural Anthropology (3)  
CLTA3180. Race, Class and Gender (3)  
PHIL3080. Critical Reasoning (3); **or**,  
    PHIL4520. Experiencing God (3)  
PRTH1710. Exploring Vocation and Call (1)  
PRTH2420. Missional Church I: Intercultural and Global Perspectives (3)  
PRTH4960. Internship in Christian Ministry (3)  
THEO3730. Theology and Practice of Compassion (3)  
THEO4550. Systematic Theology I (3)  
THEO4560. Systematic Theology II (3)  
THEO4570. Systematic Theology III (3)

Additional 3 credits (beyond major and foundational course requirements) in business, economics, cultural studies, political science, or sociology (3)

Ministerial Standing (Senior year)

**Formational Core (within Core Courses):**

PRTH1810. Spiritual and Personal Formation I (1)  
PRTH1820. Spiritual and Personal Formation II (1)  
PRTH2810. Spiritual and Professional Formation I (1); **and**,  
    PRTH2810L. Spiritual and Professional Formation Lab (0)  
PRTH2820. Spiritual and Professional Formation II (1)  
PRTH3810. Spiritual and Ministry Formation I (1)  
PRTH3820. Spiritual and Ministry Formation II (1)  
PRTH4810. Spiritual and Leadership Formation (1)

A Christian Ministry minor is also required by those seeking to complete educational requirements for ordination as an elder in the Church of the Nazarene.

## **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:** 36 credits

**Choose 30 credits from the following:**

PHIL2020. Ethics (3)  
PHIL2030. Quest for the Good Life (3)  
PHIL3010. Deconstructing the Western Mind (3)  
PHIL3020. Systems of the World (3)  
PHIL3080. Critical Reasoning (3)  
PHIL3094. Topics in Philosophy (3)  
PHIL3410. Philosophy and Literature of Existentialism (3)  
PHIL3520. Philosophy of Science (3)  
PHIL3620. Science and Christian Faith (3)  
PHIL4210. Relativity and Disaster (3)  
PHIL4430. Metaphysics (3)  
PHIL4520. Experiencing God (3)  
PHIL4980. Seminar in Philosophy (3)

**Choose 6 additional credits from PHIL courses above and/or the following:**

CLTA3180. Race, Class and Gender (3)  
ENGL3410. Greek and Roman Classics (3)  
ENGL3910. Literary Theory and Criticism (3)  
POLS3520. Theories of Politics (3)  
PHIL3600. Clinical Ethics (3)  
THEO3630. Exploring Western World Religious Traditions (3)  
THEO3640. Exploring Eastern World Religious Traditions (3)  
THEO3700. Social Justice in the Christian Tradition (3)  
THEO4550. Systematic Theology I (3)  
THEO4560. Systematic Theology II (3)  
THEO4570. Systematic Theology III (3)

**Recommended:**

Completion of the intermediate level of a foreign language.

# **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. Students will 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:** 9 foundational credits, which also meet general education requirements and 42 core credits.

#### **Foundational Courses:**

BIBL1100. Introduction to Biblical Studies (3)  
 PHIL2020. Ethics (3) **or**  
 PHIL2030. Quest for the Good Life (3)  
 THEO2100. Introduction to Christian Theology (3)

#### **Core Courses:**

##### ***Philosophy Component (18 credits)***

PHIL3010. Deconstructing the Western Mind (3)  
 PHIL3080. Critical Reasoning (3)  
 PHIL4210. Relativity and Disaster (3)  
 PHIL4520. Experiencing God (3)  
 PHIL4430. Metaphysics (3) **or**,  
 PHIL3410. Philosophy and Literature of Existentialism (3)  
 Upper-Division Philosophy Elective (3)

##### ***Theology Component (12 credits)***

THEO3630. Exploring Western World Religious Traditions (3); **or**  
 THEO3640. Exploring Eastern World Religious Traditions (3)

THEO4550. Systematic Theology I (3)  
THEO4560. Systematic Theology II (3)  
THEO4570. Systematic Theology III (3)

***History Component (3 credits)***

CHIS3630. Christ, Councils and Creeds (3)

***Bible Component (6 credits)***

**Choose two of the following:**

BIBL4340. New Testament Narratives (3)  
BIBL4350. New Testament Letters (3)  
BIBL4440. Old Testament Narratives (3)  
BIBL4450. Old Testament Prophets (3)  
BIBL4460. Old Testament Psalms and Writings (3)  
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 I (3)  
HEBR2110. Biblical Hebrew I (3)

## **Bachelor of Arts, Religious Studies**

**Objective:** This major focuses on the study of religion more generally, rather than on vocational ministry (including its practices). Thus, this major is for a variety of students: those interested in the integration of religion with other academic/vocational disciplines, those interested in the study of religion without a distinct call to vocational ministry, those called into different forms of Christian ministry but also desirous to pursue other academic/vocational studies at the undergraduate level, and others. However, this major (contrasted with the Christian Ministry and Youth Ministry majors) does not complete the educational requirements for ordination in the Church of the Nazarene.

**Requirements:** 9 foundational credits, which also meet general education requirements and 39-40 core credits.

**Foundational Courses:** These courses from the general education offerings are required as foundational to the major:

BIBL1100. Introduction to Biblical Studies (3)

PHIL2020. Ethics (3)

THEO2100. Introduction to Christian Theology (3)

**Core Courses:**

**Choose 1 of the following:**

BIBL4440. Old Testament Narratives (3)

BIBL4450. Old Testament Prophets (3)

BIBL4460. Old Testament Psalms and Writings (3)

**Choose 1 of the following:**

BIBL4340. New Testament Narratives (3)

BIBL4350. New Testament Letters (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)

CHIS3630. Christ, Councils, and Creeds (3)

PRTH1710. Exploring Vocation and Call (1)

THEO3630. Exploring Western World Religious Traditions (3); **or,**

THEO3640. Exploring Eastern World Religious Traditions (3)

**Choose 2 of the following (6):**

THEO4550. Systematic Theology I (3)

THEO4560. Systematic Theology II (3)

THEO4570. Systematic Theology III (3)

Choose 6 credits of upper-level PHIL (3000-level or 4000-level)

**Choose 8-9 credits from the following:**

BIBL3810. The Bible and the Holy Lands (3)

CHED3840. Foundations and Principles of Family Ministry (2)

CHED3870. Foundations and Principles of Children's Ministry (3)

CHED3890. Foundations and Principles of Youth Ministry (3)

PRTH2420. Missional Church I: Intercultural and Global Perspectives (3)

PRTH3220. Worship Theory and Development (3)

PRTH3710. Preaching (3)

PRTH4720. Missional Church II: Local Church Perspectives (3)  
THEO3590. Theology of the Church (3)  
THEO3730. Theology and Practice of Compassion (3)  
THEO3740. Theology and Practice of Spiritual Formation (3)  
THEO3810. Christianity in Europe (3)

## **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, this major also fulfills educational requirements for ordination as an elder in the Church of the Nazarene. Other denominations' requirements may be met in a student's remaining 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 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 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 needs 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:** 22 foundational credits, which also meet general education requirements and 60 core credits.

**Foundational Courses:**

BIBL1100. Introduction to Biblical Studies (3)  
COMM1210. Introduction to Public Speaking (3)  
PHIL2020. Ethics (3)  
PSYC1550. Introduction to Psychology (3)  
PSYC2100. Lifespan Development (3)  
THEO2100. Introduction to Christian Theology (3)  
THEO3630. Exploring Western World Religious Traditions (3) **or**  
THEO3640. Exploring Eastern World Religious Traditions (3)  
THEO4900. Religion Capstone (1)

**Core Courses:**

**Choose one of the following:**

BIBL4440. Old Testament Narrative (3),  
BIBL4450. Old Testament Prophets (3)  
BIBL4460. Old Testament Psalms and Writings (3)

**Choose one of the following:**

BIBL4340. New Testament Narrative (3)

BIBL4350. New Testament Letters (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)

CHED3840. Foundations and Principles of Family Ministry (2)

CHED3890. Foundations and Principles of Youth Ministry (3)

CHIS3410. History & Manual, Church of the Nazarene (3)

(Non-Nazarene students may select an alternate course with advisor's approval)

CHIS3630. Christ, Councils, and Creeds (3)

PHIL3080. Critical Reasoning (3) **or**

PHIL4520. Experiencing God (3)

PRTH1710. Exploring Vocation and Call (1)

PRTH2420. Missional Church I: Intercultural/Global Perspectives (3)

PRTH3220. Worship Theory and Development (3)

PRTH3710. Preaching (3)

PRTH3770. Pastoral Care and Counseling (3)

PRTH3880. Camping and Recreation Ministry (2)

PRTH4960. Internship in Christian Ministry (3)

THEO4550. Systematic Theology I (3)

THEO4560. Systematic Theology II (3)

THEO4570. Systematic Theology III (3)

Ministerial Standing (Senior Year)

**Formational Core (within Core Courses):**

PRTH1810. Spiritual and Personal Formation I (1)

PRTH1820. Spiritual and Personal Formation II (1)

PRTH2810. Spiritual and Professional Formation I (1); **and,**

PRTH2810L. Personal Development Lab (0)

PRTH2820. Spiritual and Professional Formation II (1)

PRTH3810. Spiritual and Ministry Formation I (1)

PRTH3820. Spiritual and Ministry Formation II (1)

PRTH4810. Spiritual and Leadership Formation (1)

## **Co-Major, Christian Theology**

**Objective:** The co-major in Christian Theology is designed to allow students to study theology while also pursuing another academic or vocational discipline. This co-major has been developed especially for those students who have interests in exploring theological subjects and questions alongside other academic goals and interests.

**Requirements:** 33-35 credits

### **Core Courses:**

#### **Choose 1 of the following:**

BIBL4440. Old Testament Narratives (3)

BIBL4450. Old Testament Prophets (3)

BIBL4460. Old Testament Psalms and Writings (3)

#### **Choose 1 of the following:**

BIBL4340. New Testament Narratives (3)

BIBL4350. New Testament Letters (3)

#### **Choose 1 of the following:**

THEO3630. Exploring Western World Religious Traditions (3)

THEO3640. Exploring Eastern World Religious Traditions (3)

CHIS3630. Christ, Councils, and Creeds (3)

PHIL4520. Experiencing God (3)

THEO3590. Theology of the Church (3)

THEO4550. Systematic Theology I (3)

THEO4560. Systematic Theology II (3)

THEO4570. Systematic Theology III (3)

Additional 6-8 credits numbered above 2999 in Christian education (CHED), Practical Theology (PRTH), Bible (BIBL), and/or Theology (THEO)

## Co-Major, Family Ministry

**Objective:** The co-major in Family Ministry is designed for students who wish to pursue multiple disciplines at the undergraduate level. This program has also been developed for those students who have interests in church ministry while also pursuing another vocation.

**Requirements:** 33-34 credits

### **Suggested General Education Courses:**

COMM1210. Introduction to Public Speaking (3)

PHIL2020. Ethics (3)

PSYC1550. Introduction to Psychology (3)

PSYC2100. Lifespan Development (3)

### **Core Courses:**

#### **Choose 1 of the following:**

BIBL4440. Old Testament Narratives (3)

BIBL4450. Old Testament Prophets (3)

BIBL4460. Old Testament Psalms and Writings (3)

#### **Choose 1 of the following:**

BIBL4340. New Testament Narratives (3)

BIBL4350. New Testament Letters (3)

CHED3840. Foundations and Principles of Family Ministries (2)

CHIS3630. Christ, Councils, and Creeds (3)

PRTH1710. Exploring Vocation and Call (1)

PRTH3710. Preaching (3)

PRTH4960. Internship in Family Ministries (3)

#### **Choose 4 of the following (all are recommended):**

PRTH1810. Spiritual and Personal Formation I (1)

PRTH1820. Spiritual and Personal Formation II (1)

PRTH2810. Spiritual and Professional Formation I (1); **and,**

PRTH2810L. Spiritual and Professional Formation Lab (0)

PRTH2820. Spiritual and Professional Formation II (1)

PRTH3810. Spiritual and Ministry Formation I (1)

PRTH3820. Spiritual and Ministry Formation II (1)

PRTH4810. Spiritual and Leadership Formation (1)

**Choose 2 of the following courses:**

THEO3540. Christian Holiness (3)  
THEO3590. Theology of the Church (3)  
THEO4550. Systematic Theology I (3)  
THEO4560. Systematic Theology II (3)  
THEO4570. Systematic Theology III (3)

**Choose 2 of the following courses:**

CHED3870. Foundations and Principles of Children's Ministry (3)  
CHED3890. Foundations and Principles of Youth Ministry (3)  
PRTH3220. Worship Theory and Development (3)  
PRTH3880. Camping and Recreational Ministry (2)  
THEO3730. Theology and Practice of Compassion (3)  
THEO3740. Theology and Practice of Spiritual Formation (3)

Ministerial Standing (Senior year)

## **Co-Major, Missions**

**Objective:** The co-major in Missions is designed for those students who have a passion for intercultural ministry but who also wish to pursue a second academic/vocational area of study. This co-major is distinct from the Intercultural Ministry (Missions) major in that this program focuses more on the development of the student as a person and provides more room for the student to develop expertise in another area that may provide opportunities for ministry and service.

Requirements: 35 credits

**Suggested General Education Courses:**

COMM1210. Introduction to Public Speaking (3)  
ECON3010. Personal Finance/Stewardship (3)  
ENGL2420/2430/3420/4270. Literature options (3)  
HIST1040. The World and the West II (3)  
PHIL2020. Ethics (3)  
PSYC1550. Introduction to Psychology (3)

**Core Courses Required:**

CHIS3630. Christ, Councils, and Creeds (3)  
CLTA1550. Introduction to Cultural Anthropology (3)

COMM3200. Intercultural Communication (3)  
PRTH1710. Exploring Vocation and Call (1)  
PRTH2420. Missional Church I: Intercultural/Global Perspectives (3)  
PRTH4960. Internship in Cross-Cultural Ministry (3)

**Core Courses:**

**Choose one of the following:**

BIBL4340. New Testament Narratives (3)  
BIBL4350. New Testament Letters (3)  
BIBL4440. Old Testament Narratives (3)  
BIBL4450. Old Testament Prophets (3)  
BIBL4460. Old Testament Psalms and Writings (3)

**Choose one of the following:**

THEO3630. Exploring Western World Religious Traditions (3)  
THEO3640. Exploring Eastern World Religious Traditions (3)

**Choose two of the following courses:**

CLTA3180. Race, Class, and Gender (3)  
PRTH4720. Missional Church II. Local Church Perspectives (3)  
THEO3730. Theology and Practice of Compassion (3)  
THEO3740. Theology and Practice of Spiritual Formation (3)

**Choose one of the following courses:**

THEO3590. Theology of the Church (3)  
THEO4550. Systematic Theology I (3)  
THEO4560. Systematic Theology II (3)  
THEO4570. Systematic Theology III (3)

**Choose four of the following courses:**

PRTH1810. Spiritual and Personal Formation I (1)  
PRTH1820. Spiritual and Personal Formation II (1)  
PRTH2810. Spiritual and Professional Formation I (1); **and,**  
PRTH2810L. Spiritual and Professional Formation Lab (0)  
PRTH2820. Spiritual and Professional Formation II (1)  
PRTH3810. Spiritual and Ministry Formation I (1)  
PRTH3820. Spiritual and Ministry Formation II (1)  
PRTH4810. Spiritual and Leadership Formation (1)

Ministerial Standing (Senior year)

## **Co-Major, Social Justice**

**Objective:** The co-major in Social Justice focuses on helping students see the world and others from different perspectives and prompting them to live as redemptive agents in the world. The intent of this co-major is that it be paired with another co-major or major that can assist in this redemptive endeavor.

**Requirements:** 30 credits

### **Suggested General Education Courses:**

CLTA1550. Introduction to Cultural Anthropology (3)

PHIL2020. Ethics (3)

### **Core Courses:**

BIBL4450. Old Testament Prophets (3) **or**

BIBL4340. New Testament Narratives (3) (both are recommended)

CHIS3630. Christ, Councils, and Creeds (3)

ECON1050. Analysis of Economic Issues (3)

POLS1030. The Foundations of Politics: The Quest for Peace and Justice (3)

SOWK1720. Social Justice and Modern Society (3)

THEO3700. Social Justice in the Christian Tradition (3)

### **Choose one of the following courses:**

SOWK3250. Substance Abuse, Prevention, and Intervention (3)

SOWK3350. Child Welfare Services (3)

SOWK3450. Social Work in Health Care (3)

THEO3730. Theology and Practice of Compassion (3)

### **Choose one of the following courses:**

HIST3250. History of American Culture (3)

PHIL4210. Relativity and Disaster (3)

POLS3520. Theories of Politics (3)

### **Choose one of the following courses:**

CLTA3180. Race, Class and Gender (3)

PSYC4112. Human Diversity (3)

SOWK2851. Human Behavior in the Social Environment II: Issues of Diversity (3)

### **Choose one of the following courses:**

THEO3540. Christian Holiness (3)  
THEO3590. Theology of the Church (3)  
THEO4550. Systematic Theology I (3)  
THEO4560. Systematic Theology II (3)  
THEO4570. Systematic Theology III (3)

## **Minor, Bible**

**Administrator:** Richard Thompson

**Requirements:** 15 credits

6 credits in a biblical language (GREK or HEBR)  
9 upper-division 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.

## **Minor, Children's Ministry**

**Administrator:** Mike Kipp

**Requirements:** 17 credits

CHED3840. Foundations & Principles of Family Ministry (2)  
CHED3870. Foundations & Principles of Children's Ministry (3)  
PRTH1710. Exploring Vocation and Call (1)  
PRTH3880. Camping and Recreation Ministry (2)  
PRTH4960. Internship in Children's Ministry (3)  
THEO3740. Theology and Practice of Spiritual Formation (3)

**Choose one of the following:**

CHED3890. Foundations and Principles of Youth Ministry (3)  
THEO3730. Theology and Practice of Compassion (3)

**Recommended General Education Social Science Elective:**

PSYC2100. Lifespan Development (3)



## **Minor, Christian Ministry**

**Administrator:** Richard Thompson

This minor cannot be taken with the Christian Ministry major. However, combined with this minor, the Intercultural Ministry (Missions) and Worship Arts majors fulfill the educational requirements for ordination in the Church of the Nazarene.

**Requirements:** 21 credits

CHIS3410. History and Manual, Church of the Nazarene (3)

PRTH3710. Preaching (3)

PRTH3770. Pastoral Care and Counseling (3)

PRTH4720. Missional Church II: Local Church Perspectives (3)

One 4000-level course in BIBL, GREK, or HEBR (not the same course or testament as taken for the major) (3)

### **Choose one of the following**

PRTH2420. Missional Church I: Intercultural/Global Perspectives (3) (Worship Arts majors must choose this option)

PRTH3220. Worship Theory and Development (3) (Intercultural Ministry majors must choose this option.)

### **Choose one of the following**

PHIL3010. Deconstructing the Western Mind (3)

PHIL4520. Experiencing God (3)

## **Minor, Family Ministry**

**Administrator:** Mike Kipp

**Requirements:** 17 credits

PRTH1710. Exploring Vocation and Call (1)

CHED3840. Foundations and Principles of Family Ministry (2)

PRTH3880. Camping and Recreation Ministry (2)

PRTH4960. Internship in Christian Ministry (3)

THEO3740. Theology and Practice of Spiritual Formation (3)

**Choose two of the following:**

CHED3870. Foundations and Principles of Children's Ministry (3)

CHED3890. Foundations and Principles of Youth Ministry (3)

THEO3730. Theology and Practice of Compassion (3)

**Recommended General Education Social Science Elective:**

PSYC2100. Lifespan Development (3)

## **Minor, Missions**

**Administrator:** Richard Thompson

**Requirements:** 19 credits

CLTA1550. Introduction to Cultural Anthropology (3)

COMM2030. Interpersonal Communication (3); **or**,

COMM3200. Intercultural Communication (3)

PRTH1710. Exploring Vocation and Call (1)

PRTH2420. Missional Church I: Intercultural and Global Perspectives (3)

THEO3730. Theology and Practice of Compassion (3); **or**,

PRTH4720. Missional Church II: Local Church Perspectives (3)

PRTH4960. Internship in Christian Ministry (3)

THEO3630. Exploring Western World Religious Traditions (3); **or**,

THEO3640. Exploring Eastern World Religious Traditions (3)

**Recommended:**

Six (6) credits of a modern foreign language.

**Strongly recommended:**

NNU course or mission trip with intercultural/cross-cultural ministry.

## **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

**Choose one of the following courses:**

PHIL2020. Ethics (3)

PHIL2030. Quest for the Good Life (3)

PHIL3080. Critical Reasoning (3)

**Nine elective credits in philosophy (excluding PHIL3080. Critical Reasoning and PHIL3600. Clinical Ethics), of which at least 6 shall be above 2999, in consultation with and approved by the chair of the Department of Philosophy and Religion.**

## **Minor, Social Justice**

Administrator: Richard Thompson

**Requirements:** 18 credits

POLS1030. The Foundations of Politics: The Quest for Peace and Justice (3)

SOWK1720. Social Justice and Modern Society (3)

THEO3700. Social Justice in the Christian Tradition (3)

**Choose 9 credits from the following courses, at least 6 credits above 2999:**

ECON1050. Analysis of Economic Issues (3)

SOWK2851. Human Behavior in the Social Environment II: Issues of Diversity (3)

BIBL4340. New Testament Narratives (3)

BIBL4450. Old Testament Prophets (3)

CLTA3180. Race, Class and Gender (3)

POLS3520. Theories of Politics (3)

PSYC4112. Human Diversity (3)

THEO3540. Christian Holiness (3)

THEO3730. Theology and Practice of Compassion (3)

THEO4550. Systematic Theology I (3)

THEO4560. Systematic Theology II (3)

THEO4570. Systematic Theology III (3)

## **Minor, Theology**

**Administrator:** Brent Peterson

**Requirements:** 15 credits

CHIS3630. Christ, Councils, and Creeds (3)

**Choose two of the following courses**

THEO4550. Systematic Theology I (3)

THEO4560. Systematic Theology II (3)

THEO4570. Systematic Theology III (3)

**Choose one of the following courses:**

THEO3590. Theology of the Church (3)

THEO3710. Church, Culture, and Christian Living (3)

THEO3730. Theology and Practice of Compassion (3)

THEO3740. Theology and Practice of Spiritual Formation (3)

**Choose one of the following courses:**

THEO3810. Christianity in Europe (3)

BIBL3810. The Bible and the Holy Lands (3)

An additional 4000-level course in THEO, BIBL, GREK, or HEBR (3)

## **Minor, Worship Leadership**

**Administrator:** Brent Peterson

**Requirements:** 19 credits

MUSC2110. Worship Arts and Leadership (3)

MUSC3200. Practicum in Worship Planning/Leadership (3)

PRTH1710. Exploring Vocation and Call (1)

PRTH3220. Worship Theory and Development (3)

PRTH3710. Preaching (3) **or**

THEO3740. Theology and Practice of Spiritual Formation (3)

THEO3590. Theology of the Church (3)

PRTH4960. Internship in Christian Ministry (3)

## **Minor, Youth Ministry**

**Administrator:** Mike Kipp

**Requirements:** 17 credits

PRTH1710. Exploring Vocation and Call (1)  
CHED3840. Foundations and Principles of Family Ministry (2)  
CHED3890. Foundations and Principles of Youth Ministry (3)  
PRTH3880. Camping and Recreation Ministry (2)  
PRTH4960. Internship in Youth Ministry (3)  
THEO3740. Theology and Practice of Spiritual Formation (3)

**Choose one of the following:**

CHED3870. Foundations and Principles of Children's Ministry (3)  
THEO3730. Theology and Practice of Compassion (3)

**Recommended General Education Social Science Elective:**

PSYC2100. Lifespan Development (3)

# Department of Physics and Engineering

**Faculty:** Duke Bulanon, Joshua Griffin, Dan Lawrence, Stephen Parke (Department Chair), Benjamin Pearson, Autumn Pratt

## Program Educational Objectives

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.

## Student Learning Outcomes

By the time of graduation, NNU engineering students will demonstrate:

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. an ability to communicate effectively with a range of audiences.
4. an ability to practice engineering and/or physics with professionalism, ethics, and Christian principles, and to make informed judgments, while considering the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

## Majors

[Bachelor of Science, Engineering](#)

Agricultural Engineering Concentration

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:** Chair, Department of Physics and Engineering

### **Requirements: 90 credits**

ENGR1010. Introduction to Engineering (3)

ENGR1050. Engineering CAD and Prototyping (3)

ENGR1100. Engineering Software Skills (3)

ENGR2100. Engineering Statics (3)

ENGR2110. Engineering Dynamics (3)

ENGR2200. Digital Systems (3); **and,**

ENGR2200L. Digital Systems Laboratory (1)

ENGR2210. Electrical Circuits (3); **and,**

ENGR2210L. Electrical Circuits Laboratory (1)

ENGR2310. Instrumentation and Measurements Laboratory I (1)

ENGR3100. Mechanics of Materials (3)

ENGR3110. Engineering Thermodynamics (3)

ENGR3110L. Materials and Thermodynamics Laboratory (1)

ENGR3400. Control Systems (3); **and**

ENGR3400L. Control Systems Laboratory (1)

ENGR3410. Engineering Economics and Ethics (3)

**\*\*ENGR4971. Senior Design Project I/Capstone (2)**

**\*\*ENGR4972. Senior Design Project II/Capstone (2)**

MATH2510. Calculus I (4)

MATH2520. Calculus II (4)

MATH3530. Calculus III (4)

MATH3540. Differential Equations (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)  
PHYS3500. Statistical Analysis for Physics and Engineering (3)  
CHEM2230. General Chemistry for Engineering Students (3); **and**,  
CHEM2230L. General Chemistry for Engineering Students Laboratory (1)

**\*\*ENGR4971 and ENGR4972** must be taken at Northwest Nazarene University

**Student must complete one of the following concentrations:**

**Agricultural Engineering Concentration (17 credits)**

COMP3230. Introduction to Spatial Analysis (3)  
ENGR4100. Fluid Mechanics (3)  
ENGR4110. Machine Design (3)  
ENGR4120. Fluids and Thermal Laboratory (1)  
ENGR4130. Mechatronics (3); **and**,  
ENGR4130L. Mechatronics Laboratory (1)  
ENGR4170. Agricultural Automation (3)

**Computer Engineering Concentration (17 credits)**

COMP2220. Computer Programming I (3)  
COMP2220L. Computer Programming I Laboratory (1)  
COMP2630. Computer Architecture (3)  
COMP2750. Data Structures (3)  
COMP3630. Networks and Data Communications I (3)  
ENGR4230. Embedded Systems (3); **and**,  
ENGR4230L. Embedded Systems Laboratory (1)

**Electrical Engineering Concentration (17 credits)**

ENGR4210. Microelectronics (3); **and**,  
ENGR4210L. Microelectronics Laboratory (1)  
ENGR4230. Embedded Systems (3); **and**,  
ENGR4230L. Embedded Systems Laboratory (1)  
ENGR4250. Electromagnetics (3)  
ENGR4260. Communication Systems (3)  
ENGR4270. Advanced Circuits (3)

**Mechanical Engineering Concentration (17 credits)**

ENGR4100. Fluid Mechanics (3)  
ENGR4110. Machine Design (3)  
ENGR4120. Fluids and Thermal Laboratory (1)



ENGR4130. Mechatronics (3); **and**,  
ENGR4130L. Mechatronics Laboratory (1)  
ENGR4140. Vibrations (3)  
ENGR4150. Heat Transfer (3)

**Engineering Physics Concentration (17 credits)**

ENGR4100. Fluid Mechanics (3)  
ENGR4120. Fluids and Thermal Laboratory (1)  
ENGR4250. Electromagnetics (3)  
PHYS3130. Modern Physics (3); **and**  
PHYS3130L. Modern Physics Laboratory (1)  
PHYS3410. Analytic Mechanics (3)  
PHYS4810. Fundamentals of Quantum Mechanics (3)

All engineering students are required to take and pass the Fundamentals of Engineering exam during their last semester before graduation in order to earn an 'A' in ENGR4972 - Senior Design Project II/Capstone.

## **Bachelor of Science, Physics**

**Administrator:** Chair, Department of Physics and Engineering

**Requirements:** 59 credits

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)  
PHYS3500. Statistical Analysis for Physics and Engineering (3)  
PHYS4610. Electromagnetics (3)  
PHYS4720. Solid State Physics (3)  
PHYS4810. Fundamentals of Quantum Mechanics (3)  
PHYS4970. Research (1)  
**\*\*PHYS4980. Senior Seminar/Capstone (1)**  
ENGR1100. Engineering Software Skills (3)  
ENGR2310. Instrumentation and Measurements Laboratory (1)  
CHEM2230. General Chemistry for Engineering Students (3)  
CHEM2230L. General Chemistry for Engineering Students Laboratory (1)

CHEM3510. Thermodynamics and Kinetics (3)  
MATH2510. Calculus I (4)  
MATH2520. Calculus II (4)  
MATH3530. Calculus III (4)  
MATH3540. Differential Equations (4)  
MATH3560. Numerical Analysis (3)

**\*\*PHYS4980** must be taken at Northwest Nazarene University.

In addition, students must take the Physics Major Field Examination in their last semester before graduation.

## **Bachelor of Arts, Physics**

**Administrator:** Chair, Department of Physics and Engineering

**Requirements:** 56 credits

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 numbered 3000 or above in Physics (9)

ENGR1100. Engineering Software Skills (3)  
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)  
MATH2510. Calculus I (4)  
MATH2520. Calculus II (4)  
MATH3530. Calculus III (4)  
MATH3540. Differential Equations (4)

Twelve (12) credits in another discipline of which nine (9) shall be numbered 3000 or above.

In addition, students must take the Physics Major Field Examination in their last semester before graduation.

## Minor, Physics

**Administrator:** Chair, Department of Physics and Engineering

**Requirements:** 18 credits

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)

## 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 course 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.

# Department of Psychology

**Faculty:** Elizabeth List (Department Chair) and Sarah Marion

The Department of Psychology 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.

The department contributes to the liberal arts education of NNU students through courses offered to meet the general education core requirement. More in-depth study leads to the major in psychology. The Psychology Department 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. The department models and trains its students to be Christian professionals serving the community.

## Student Learning Outcomes

1. Graduates of this major will be able to demonstrate knowledge of and successfully apply the principles of research design, methodology and statistical analysis.
2. Graduates of this major will demonstrate a professional demeanor in the context of a Christian perspective.
3. Graduates of this major will be able to articulate a synthesized understanding of the history, theories, and application of the major sub-disciplines of psychology.

## Majors

[Bachelor of Arts, Psychology](#)

Psychology Education

See [Secondary Education: Psychology Second Endorsement](#)

## Minors

[Psychology](#)

# **Bachelor of Arts, Psychology**

**Administrator:** Chair, Department of Psychology

## **New Learning Outcomes:**

1. Graduates of this major will be able to demonstrate knowledge of and successfully apply the principles of research design, methodology, and statistical analysis.
2. Graduates of this major will demonstrate a professional demeanor in the context of a Christian perspective.
3. Graduates of this major will be able to articulate a synthesized understanding of the history, theories, and application of the major sub-disciplines of psychology.

**Requirements:** 51 credits: 48 core credits of which 19 shall be numbered above 2999, and three credits of electives that shall be numbered above 1999

## **Core courses: 48 credits**

PSYC1550. Introduction to Psychology (3)  
PSYC1615. Careers in Psychology (2)  
PSYC2100. Lifespan Development (3)  
PSYC2215. Research Design (3)  
PSYC2245L. Statistical Analysis Lab (1)  
PSYC3640. Experimental Design and Statistical Analysis I (3)  
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. Advanced Research in Psychology (1-2) (3 required)  
PSYC4111. Human Sexuality (3)  
PSYC4112. Human Diversity (3)  
PSYC4762. History and Systems of Psychology (2)  
PSYC3850. Biological Foundations of Behavior (3)  
PSYC3850L. Biological Foundations of Behavior Laboratory (1)  
PSYC4350. Personality Theory (3)

**Choose 2 of the following courses:**

- PSYC3701. Contemporary Approaches in Child and Adolescent Development (3)
- PSYC4110. Psychology of Learning (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.**

**A minimum of 3 elective credits in Psychology, or another related discipline selected in consultation with a psychology faculty advisor: (3)**

**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 (3)
- BSNS4670. Organizational Behavior (3)
- BIOL3720. Genetics (3)
- CHED3840. Foundations and Principles of Family Ministry (2)
- Any CLTA course 2000-level or above (2-3)
- COMM2010. Small Group Communication (3)
- COMM2030. Interpersonal Communication (3)
- COMM3020. Organizational Communication (3)
- COMM3050. Nonverbal Communication (3)
- CRIM3200. Juvenile Justice (3)
- CRIM3550. Criminology (3)
- CRIM4250. Criminal Court Systems (3)
- CRIM4360. Criminal Procedure (3)
- 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)
- PSYC2559. Psychology of Motivation and Leadership (3)
- PSYC3094. Topics in Psychology (1-3)
- PSYC4619. Introduction to Psychological Testing (3)
- PSYC4659. Advanced Psychology (3)
- SOWK1720. Social Justice and Modern Society (3)

SOWK2110. Introduction to Social Work and Social Welfare (3)  
SOWK3250. Substance Abuse, Prevention, and Intervention (3)  
SOWK3350. Child Welfare Services (3)  
SOWK3450. Social Work in Health Care (3)  
SOWK4094. Topics in Social Work (1)

While not required, it is strongly encouraged that psychology majors also take 1-2 years or complete a 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 I (3) **and**  
BIOL2010L Human Anatomy and Physiology I Lab (1)

## **Minor, Psychology**

**Administrator:** Chair, Department of Psychology

**Requirements:** 18 PSYC credits of which 9 shall be numbered above 2999

## Department of Social Work and Criminal Justice

**Faculty:** Kimberly Lowe, Dean Matlock, Lawanna Pierce, Scott Slater, Janet Stellway, LeAnn Stensgaard (Department Chair), John Stennett (MSW Program Director).

### Mission

The primary program mission is to prepare students for beginning practice in the profession of social work. 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).

### Student Learning Outcomes

1. 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
2. To cultivate in students a passion for alleviating discrimination, poverty, oppression, and all other forms of injustice for at-risk populations
3. To prepare students for advanced social work practice through the presentation of a comprehensive curriculum for working with individuals, families, groups, organizations, and communities
4. To provide students with a high 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](http://www.cswe.org))

**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 Department of Social Work faculty.
8. Be accepted by the Department of 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.

## **Majors**

[Bachelor of Arts, Criminal Justice](#)

[Bachelor of Arts, Social Work](#)

## **Minors**

[Criminal Justice](#)

[Social Welfare](#)

## **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 Social Work 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 have exposure to a variety of professionals in the field and engage in service learning in at least one work setting.
4. 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:** 46 credits of which 22 shall be numbered above 2999

CLTA3180. Race, Class, and Gender (3)

COMM2030. Interpersonal Communication (3) **or**

CRIM3400. Written and Interpersonal Communication for Law Enforcement (3)

COMM3200. Intercultural Communication (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)

CRIM3350. Criminal Law (3)

CRIM4250. Criminal Court Systems (3)

CRIM4360. Criminal Procedure (3)

CRIM4960. Internship in Criminal Justice (3-15) (3 required)

POLS1030. Foundations of Politics: The Quest for Peace and Justice (3) **or**

POLS1010. American National Politics (3)

POLS4420. Civil Rights and Civil Liberties (3) **or**

POLS4410. Constitutional Law (3)

PSYC1550. Introduction to Psychology (3)

PSYC3455. Abnormal Psychology (3)

**Criminal Justice field test to be completed during the senior year.**

# **Bachelor of Arts, Social Work**

**Administrator:** Chair, Department of Social Work and Criminal Justice

**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 Justice and Modern 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 (3)  
SOWK3551. Social Work Methods II (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)  
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)  
CLTA3180. Race, Class and Gender (3); **or**,  
    ENGL4270. Minority Voices in American Literature (3); **or**  
    An intermediate foreign language course (4)

## **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 Social Work and Criminal Justice

**Requirements:** 24 credits of which 15 shall be numbered above 2999

CLTA3180. Race, Class and Gender (3)

CRIM3200. Juvenile Justice (3); **or**

CRIM3550. Criminology (3)

CRIM3350. Criminal Law (3)

CRIM4360. Criminal Procedures (3)

POLS1030. The Foundations of Politics: Quest for Peace and Justice (3) **or**

POLS1010. American National Politics (3)

POLS4420. Civil Rights and Civil Liberties (3) **or**

POLS4410. Constitutional Law (3)

PSYC1550. Introduction to Psychology (3)

PSYC3455. Abnormal Psychology (3)

## **Minor, Social Welfare**

**Requirements:** 21 credits in social work of which 9 must be numbered above 2999

SOWK1720. Social Justice and Modern 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)

## Department of Visual Arts

**Faculty:** Jake Amundson, Mike Bartlett, Amy Gilles, Paul Kinsman, Jamie Tucker

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.

### Student Learning Outcomes

1. Visual Arts graduates will be able to create and present high-quality, culturally relevant artworks in their area of concentration.
2. Visual Arts graduates will be able to demonstrate technical competencies relevant to their medium to create, produce, and distribute visual messages.
3. Visual Arts graduates will be able to communicate insightfully and coherently about their own work and the work of others.
4. Visual Arts graduates will be able to identify and synthesize historical and contemporary movements and trends in art, design, and/or film as they relate to their own work.

### Degrees Offered

The Bachelor of Arts degree in art is the professional undergraduate degree desired by serious students who are 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 Concentration

Studio Art Concentration

#### [Bachelor of Arts, Digital Media](#)

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

## **Co-Majors**

[Co-Major, Graphic Design](#)

[Co-Major, Studio Art](#)

## **Minors**

[Graphic Design](#)

[Photography](#)

[Studio Art](#)

## **Bachelor of Arts, Art**

**Administrator:** Chair, Department of Visual Arts

**Requirements:** 54-63 credits: Completion of the prescribed core courses (24 credits) plus the requirements for one area of concentration (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 Concentration: 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 and Contemporary Art History (3)

**Studio Art Concentration: 30 credits**

ARDE2070. Figure Studies (3)

ARDE3250. Art History 1 (3)

ARDE3500. Studio Practice and Critique (3)

ARDE3750. Art History 2 (3)

ARDE3950. Modern and 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 and Letterpress (3)

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

ARDE3410. Painting 2 (3)

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

ARDE3760. Photography 2 (3)

## **Bachelor of Arts, Digital Media**

**Administrator:** Chair, Department of Visual Arts

**Requirements:** 62-64 credits: Completion of the prescribed core courses (38 credits) plus the requirements for two areas of concentration (24-26 credits).

**Core Courses: 38 credits**

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)

ARDE2760. Photography 1 (3), **or**

ARDE3430. Digital Photography (3)

ARDE3440. Introduction to Web Design (3)

ARDE4540. Integrated Media Campaigns (3), **or**  
ARDE4960. Internship (3)  
BSNS1110. Introduction to Business (1)  
BSNS2330. Business Statistics (3), **or**  
or MATH2240. Elementary Statistics (3)  
BSNS3510. Principles of Marketing (3)  
COMM2030. Interpersonal Communication (3)  
FILM1260. Cinema Production (1)  
COMM2420. Introduction to Public Relations (3)

**Choose one of the following:**

ARDE3340. Design History: Industrial Revolution to Contemporary Design (3)  
ARDE3250. Art History I (3)  
ARDE3750. Art History II (3)  
ARDE3950. Modern/Contemporary Art History (3)

**Choose Two Areas of Concentration: 24-26 credits**

**Audio Engineering Concentration:** 12 credits

FILM2280. Audio for Film and Television (3)  
MUSC1310. Digital Music and Technology (3)  
MUSC2960. Field Experience in Audio Production (1) (3 required)  
MUSC3650. Studio and Live Sound (3)

**Graphic Design Concentration:** 12 credits

ARDE3340. Design History: Industrial Revolution to Contemporary Design (3)  
ARDE3360. Graphic Design 3: Advanced Practice (3)  
ARDE3730. Advanced Typography (3)  
ARDE4440. Advanced Web Design (3)

**Writing Concentration:** 12 credits

ENGL2050. Beginning Creative Writing (3)  
ENGL3015. Topics in Writing (3)  
ENGL3020W. Principles of Writing (3), **or**  
ENGL3120. Linguistics: Structure and History of English (3)  
ENGL3040W. Creative Writing - Prose (3)



**Marketing Concentration:** 12 credits

BSNS3530. Marketing Communications (3)

BSNS3880. Digital and Social Media Marketing (3)

BSNS4560. Consumer Behavior Marketing Research (3)

COMM4420. Advanced Public Relations (3)

**Video and Film Concentration:** 12 credits

FILM2260. Cinema Production II (3)

FILM2280. Audio for Film and Television (3)

FILM3010. Producing Film and Television (3)

FILM3260. Cinema Production III (3)

**Web Development Concentration:** 13-14 credits

COMP1220. Introduction to Computer Science (3)

COMP2040. Introduction to Web Development (3); **or**

COMP2260. Event-Driven Programming (3); **and**

COMP2260L Event-Driven Programming Laboratory (1)

COMP2220. Computer Programming I (3); **and**

COMP2220L. Computer Programming I Laboratory (1)

COMP2750. Data Structures (3)

## **Co-Major, Graphic Design**

**Requirements:** 33 credits, completion of a major or second co-major from a different discipline

ARDE1020. 2D Design (3)

ARDE1040. Drawing I (3); **or,**

ARDE2010. 3D 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)

ARDE3440. Introduction to Web Design (3)

ARDE3750. Art History 2 (3); **or,**

ARDE3950. Modern and Contemporary Art History (3)

ARDE4360. Graphic Design 4: Portfolio Preparation (3)

**One course (three credits) selected from:**

- ARDE2280. Illustration 1: Visual Voice (3)
- ARDE2760. Photography 1 (3)
- ARDE3730. Advanced Typography (3)
- ARDE4440. Advanced Web Design (3)
- ARDE4540. Integrated Media Campaigns (3)
- ARDE4870. Senior Exhibition (3)

## **Co-Major, Studio Art**

**Requirements:** 33 credits, completion of a major or second co-major from a different discipline

- ARDE1020. 2D Design (3)
- ARDE1040. Drawing 1 (3)
- ARDE2010. 3D Design (3)
- ARDE2410. Painting 1 (3)
- ARDE2430. Introduction to Computer Graphics (3)
- ARDE3500. Studio Practice and Critique (3)
- ARDE4870. Senior Exhibition (3)

**Two courses (six credits) selected from:**

- ARDE3250. Art History 1 (3)
- ARDE3750. Art History 2 (3)
- ARDE3950. Modern and Contemporary Art History (3)

**Two courses (six credits) selected from:**

- ARDE2070. Figure Studies (3)
- ARDE2760. Photography 1 (3)
- ARDE3060. Printmaking (3)
- ARDE3080. Introduction to Bookmaking and Letterpress (3)
- ARDE3410. Painting 2 (3)
- ARDE3430. Digital Photography (3)
- 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)

ARDE3360. Graphic Design 3: Advanced Practice (3)

ARDE3440. Introduction to Web Design (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)

**Select two from the following:**

ARDE3080. Introduction to Bookmaking and Letterpress (3)

ARDE3500. Studio Practice and Critique (3)

ARDE3750. Art History 2 (3)

ARDE3950. Modern and Contemporary Art History (3)

BSNS3530. Marketing Communications (3)

BSNS4610. Entrepreneurship (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:**

ARDE2070. Figure Studies (3)

ARDE2410. Painting 1 (3)

ARDE2760. Photography 1 (3)

ARDE3060. Printmaking (3)

ARDE3080. Introduction to Bookmaking and Letterpress (3)

ARDE3410. Painting 2 (3)

ARDE3760. Photography 2 (3)

# Course Description(s)

## Accounting Course Description(s)

### **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

### **ACCT2950 Field Experience in Accounting (1-3)**

This course is designed to provide academic credit for a complementary or introductory experience in accounting or academics related to the student's major. Academic credit is awarded for work hours at a rate of one credit hour for each 40 hours of work and/or the achievement of agreed-upon learning outcomes. This course awards a maximum of three credit hours and will have a pass/fail grade. May be repeated for credit.

### **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 College of Business chair/associate 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

### **ACCT3950 Field Experience in Accounting (1-3)**

This course is designed to provide academic credit for a complementary experience in accounting or academics related to the student's major. Academic credit is awarded for work hours at a rate of one credit hour for each 40 hours of work and/or the achievement of agreed-upon learning outcomes. This course awards a maximum of three credit hours and will have a pass/fail grade. May be repeated for credit.

### **ACCT3960 Internship in Accounting (2-3)**

Accounting students may enhance their academic experience through participation in an internship. Internships are a unique form of education, integrating classroom study with planned and supervised work experience. Learning objectives will be established prior to the start of an internship and one credit hour is awarded for every 40 hours of work. This course will be graded and 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

## **Art and Design Course Description(s)**

### **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. **Fees:** Additional fee required. **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.

**ARDE2020 Survey of Visual Art (3)**

An introduction to the stylistic characteristics and cultural context of important artistic movements in art history. Students will have the opportunity to challenge their pre-conceptions of what “good” art is, think critically about how they approach looking at a piece of artwork, and develop relevant vocabulary for discussing visual art. Every student who takes this course should leave with a greater appreciation for the ways that our contemporary society is built upon the foundation of art and culture from the past and have the tools and confidence to engage with that culture. This course is designed specifically for the non-art major.

**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 in Art (1-3)**

A concentrated study of one topic in art. May be repeated for credit. **Prerequisites:** Instructor's approval.

**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.

**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 screen-printing 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 includes a 10-hour field experience. (See EDUC3330) **Prerequisites:** Instructor's approval, Program admission.

**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 digital single-lens reflex (DSLR) camera 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, CSS, and industry-standard software applications including Adobe Dreamweaver and Photoshop. Students will learn the basics of setting up a website from start to finish, including buying a domain name, signing up for a hosting service, and creating a website on WordPress. **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)**

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. Field experience: 20-40 hours. (See EDUC3530.) **Prerequisites:** Junior classification, or instructor's approval Program admission. **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 (e.g. 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, Van Dyke 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 every spring semester. **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 installation formats. Offered alternate years. **Fees:** Additional fee required. **Prerequisites:** [ARDE1020](#), [ARDE2010](#)

**ARDE4094 Special Topics in Art (1-3)**

A concentrated study of one topic in art. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

**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, user experience, and user interface design on the web. Course will also focus on the development of technical skills using industry-standard applications including Dreamweaver, Photoshop and WordPress. **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. May be repeated for credit. **Prerequisites:** [ARDE3360](#), [ARDE3440](#), [BSNS3530](#) OR [BSNS3510](#), 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. **Fees:** Additional fee required. **Prerequisites:** [ARDE4360](#) OR [ARDE4500](#). Art major with Senior classification, or instructor's approval

**ARDE4950 Art Capstone: 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 servanthood 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 Capstone requirement. **Fees:** Additional fee required for optional cultural competency 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.

## Biblical Studies Course Description(s)

**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:** [CHIS3630](#)

**BIBL3094 Special Topics in Biblical Literature (3)**

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](#)

**BIBL3810 The Bible and the Holy Lands (3)**

This course is a study and travel experience of the Holy Lands (the region around and including modern Israel), one of the most significant places in both the ancient and contemporary worlds. As the sacred lands for three major religious traditions, this region has been the setting for defining events in religious history, not to mention the central context for much of what is described in the Bible. This course includes a study of the region, geography, and culture of the Holy Lands (both past and present), with attention to how such experience may contribute to the interpretation of biblical texts. Attention will also be given to students' interaction with different cultures and peoples of the region. **Fees:** Additional fee required. **Prerequisites:** [BIBL1100](#), [THEO2100](#)

**BIBL4340 New Testament Narratives (3)**

An exegetical study of selected New Testament narratives, including the Gospels and the Acts of the Apostles. This course will give specific attention to the canonical and theological context of these books in relation to other books of the New Testament and the rest of the Christian canon. This course may be repeated for credit with a different subtitle. Offered: Alternate years. **Prerequisites:** [CHIS3630](#), [BIBL1100](#), [THEO2100](#), **Corequisites:** [CHIS3630](#)

**BIBL4350 New Testament Letters (3)**

An exegetical study of selected New Testament letters. This course will emphasize the occasion, purpose, and theological message of a few different letters on a rotating basis. This course may be repeated for credit with a different subtitle. Offered: Alternate years. **Prerequisites:** [BIBL1100](#), [THEO2100](#), Also requires either [CHIS3610](#), [CHIS3620](#) or [CHIS3630](#). **Corequisites:** [CHIS3360](#) **Corequisites:** [CHIS3630](#)

**BIBL4440 Old Testament Narratives (3)**

An exegetical study of selected Old Testament narratives, including texts from the Torah and/or the Historical Books. This course will give specific attention to the canonical and theological context of these books in relation to other books of the New Testament and the rest of the Christian canon. This course may be repeated for credit with a different subtitle. Offered: Alternate years. **Prerequisites:** [BIBL1100](#), [THEO2100](#), [CHIS3630](#),

**BIBL4450 Old Testament Prophets (3)**

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 selected writing prophets. This course may be repeated for credit with a different subtitle. Offered: Alternate

years. **Prerequisites:** [BIBL1100](#), [THEO2100](#), [CHIS3630](#), **Corequisites:** [CHIS3630](#)

**BIBL4460 Old Testament Psalms and Writings (3)**

An exegetical study of the psalms and writings of the Old Testament. This course will offer a selected study of materials from one or both of these collections, focusing on their canonical and theological significance. This course may be repeated for credit with a different subtitle. Offered: Alternate

years. **Prerequisites:** [BIBL1100](#), [THEO2100](#), Also requires either [CHIS3610](#) or [CHIS3620](#) or [CHIS3630](#). **Corequisites:** [CHIS3630](#)

## Biology Course Description(s)

**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.

**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](#)

**BIOL2960 Pre-Health Shadowing (1)**

A supervised, practical shadowing experience in a local health care facility. By exposure to several different providers (physicians or physicians' assistants, depending on career goals) the students will gain an appreciation for the scope of care provided. Includes basic CPR training. **Prerequisites:** Instructor approval (pass a background check and document current immunizations).

**BIOL2970 Introduction to Research (1)**

Students will develop an understanding of the nature and processes 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 of the Intermountain West. 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 of the Intermountain West, 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 tropics. 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 tropical 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. Fulfills a General Education Cultural Experience (CE) requirement. **Fees:** Additional fee required. **Prerequisites:** [BIOL2240](#), or instructor's approval **Corequisites:** [BIOL3250](#)

**BIOL3300 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 amphibian and reptile species. Offered: Alternate years. **Prerequisites:** [BIOL2220](#), [BIOL2230](#), or instructor's approval **Corequisites:** [BIOL3300L](#)

**BIOL3300L 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 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 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 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 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](#)

**BIOL3560 Endocrinology (3)**

An introduction to the biology of the vertebrate endocrine glands and the hormones they secrete, as well as their mechanisms of action and regulation. Offered: Alternate years. **Prerequisites:** [BIOL2220](#), [CHEM2210](#), [CHEM2220](#)

**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. Field experience: 20-40 hours. (See EDUC3640.) **Prerequisites:** Junior classification, Program admission.

**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](#) **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](#) and [BIOL2030](#) or [BIOL2220](#) and [BIOL2230](#)

**BIOL3850 Animal Behavior (3)**

An introduction to the origins and mechanisms of animal behavior. This course will explore mechanisms of behavior including neural, hormonal, and genetic aspects; as well as the various types of behaviors such as foraging, defense, mating, parental care, social behavior, communication, and territoriality. Offered: Alternate years. **Prerequisites:** [BIOL2010](#) and [BIOL2030](#) or [BIOL2220](#) and [BIOL2230](#)

**BIOL3850L Animal Behavior Laboratory (1)**

Students will complete lab tasks involving exploration of anatomical and physiological concepts, and will learn observation techniques and research methodologies and will conduct an individual research project. 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

**BIOL3940 Research Seminar I (1)**

The second in a series of courses designed to provide students with an understanding of both the nature of science, and the processes of science. It is also intended to promote student professional development and their acquisition of necessary skill sets as they apply to careers in wildlife biology and ecology. **Prerequisites:** [BIOL2970](#)

**BIOL3950 Research Seminar II (1)**

The third in a series of courses designed to provide students with an understanding of both the nature of science, and the processes of science. The course also includes student professional development as they apply to careers in wildlife biology and ecology. **Prerequisites:** [BIOL3940](#)

**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 hours 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 (1-4)**

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](#)

**BIOL4260 Conservation and Management of Wildlife Populations (3)**

The principles and techniques within population ecology are essential to the successful conservation and management of wildlife populations as informed decision making cannot take place without it. Foundations from ecology and genetics lead into applied techniques that are used by wildlife biologists and conservation biologists to address the ever-increasing crisis of biodiversity loss on Earth. This course reviews and implements the great variety of techniques used to study populations so that the appropriate management and conservation actions can take place. **Prerequisites:** [BIOL2240](#), or instructor's approval

**BIOL4260L Conservation and Management of Wildlife Populations Laboratory (1)**

Techniques for the study of populations covered in the lecture will be practiced and applied, including estimating population vital rates, quantifying population growth, projecting population dynamics using matrix models, actions in response to population genetic variation, running population viability analyses, and running models to set sustainable harvest yields. **Fees:** Additional fee required. **Corequisites:** [BIOL4260](#)

**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. Offered: Alternate years. **Prerequisites:** [BIOL4410](#)

**BIOL4960 Internship in Physical Therapy (1-3)**

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 minimum cumulative grade point average of 3.20.

**BIOL4970 Pre-Physical Therapy Capstone (1)**

This experience is required of seniors completing the Bachelor of Science degree in Pre-Physical Therapy and involves the written and oral presentation of work completed in BIOL4960. It will also include a written reflection pertaining to University Outcomes. **Prerequisites:** [BIOL4960](#)

**BIOL4980 Senior Seminar/Capstone (1)**

This experience is required of seniors completing the Bachelor of Science or Bachelor of Arts degrees in Biology, as well as the Bachelor of Science or Bachelor of Arts degrees in Wildlife Biology and Ecology. This seminar course involves the written and oral presentation of work completed in BIOL3970 and/or BIOL3960, as well as written reflections on University Outcomes. **Prerequisites:** [BIOL3960](#) or [BIOL3970](#)

## Business Course Description(s)

**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 the 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 18, SAT Math score of 480, QRAS Accuplacer score of 250, or passed [MATH0950](#) Intermediate Algebra, or instructor's approval

**BSNS2950 Field Experience in Business (1-3)**

This course is designed to provide academic credit for an introductory experience in business or academics related to the student's major. Academic credit is awarded for work hours at a rate of one credit hour for each 40 hours of work and/or the achievement of upon agreed-upon learning outcomes. This course awards a maximum of three credit hours and will have a pass/fail grade. 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 School of Business chair/associate dean.

**BSNS3410 Business Law I (3)**

Study of the present-day law of business in the United States as it relates to contracts, sales, agencies, 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, agencies, 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, Networking, and Negotiation (3)**

This course will teach you to: Identify the components necessary to successfully complete a business-to-business and business-to-consumer sales transaction. Formulate a target market and articulate the value proposition that leads to a sale. Utilize communication and outreach strategies to build an effective network of contacts and customers. Define strategies that enable a seller to adapt to customer needs. Identify the growing role of networking in establishing mutually beneficial relationships that lead to an exchange of goods or services for compensation. **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:** [ECON2010](#), [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.

**BSNS3880 Digital and Social Media Marketing (3)**

Designed to explore the interesting and innovative ways technology is influencing marketing strategies to bring value to businesses in their effort to reach new and existing customers. The course is based upon a strategic approach in developing an effective digital marketing and social media marketing plan with an emphasis on emerging trends and strong focus on metrics. Offered: Alternate years. **Prerequisites:** Instructor's approval

**BSNS3950 Field Experience in Business (1-3)**

This course is designed to provide academic credit for a complementary experience in business or academics related to the student's major. Academic credit is awarded for work hours at a rate of one credit hour for each 40 hours of work and/or the achievement of agreed-upon learning outcomes. This course awards a maximum of three credit hours and will have a pass/fail grade. May be repeated for credit.

**BSNS3960 Internship in Business (2-3)**

Business students may enhance their academic experience through participation in an internship. Internships are a unique form of education, integrating classroom study with planned and supervised work experience. Learning objectives will be established prior to the start of an internship and one credit hour is awarded for every 40 hours of work. This course will be graded and 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 Cultural Competency (CC) requirement.

**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 Capstone (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

## Christian Education Course Description(s)

**CHED2094 Special Topics in Christian Ministry (1-3)**

A workshop approach to aspects and problems of religious education and compassionate ministries. Topics and coordinators will vary. May be repeated for a different topic.

**CHED3840 Foundations and Principles of Family Ministry (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.

**CHED3870 Foundations and Principles of Children's Ministry (3)**

A study of the foundations, principles, and practices of ministry in the church as related to children. This course is particularly designed to aid those who are specializing in ministry to children and their families. Offered: Alternate years.

**CHED3890 Foundations and Principles of Youth Ministry (3)**

A study of the foundations, principles, and practices of ministry in the church as related to youth. This course is particularly designed to aid those who are specializing in ministry to youth. Offered: Alternate years.



**CHED4094 Special Topics in Christian Ministry (1-3)**

A workshop approach to aspects and problems of religious education and compassionate ministries. Topics and coordinators will vary. May be repeated for a different topic.

## Chemistry Course Description(s)

**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](#)

**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 Special 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 QRAS score of 250 or higher OR prior completion of [MATH1300](#) College Algebra or [MATH1400](#) Trigonometry, 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 Special 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 Special 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

## Chinese Course Description(s)

**CHIN1010 Elementary Chinese (4)**

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, reading and writing. Fulfills a General Education Cultural Competency (CC) requirement.

**CHIN1020 Elementary Chinese (4)**

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, reading and writing. Fulfills a General Education Cultural Competency (CC) requirement.

**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 Cultural Competency (CC) requirement. **Prerequisites:** [CHIN1020](#), 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 Cultural Competency (CC) requirement. **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 CHIN2020. 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

**CHIN3020 Advanced Conversation and Composition (3)**

A continuation of CHIN3010. 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:** [CHIN3010](#), or instructor's approval

**CHIN3030 Chinese Intermediate Writing and Literature (3)**

This course will focus extensively on reading and writing of Chinese characters. Using simple sentences and structures, the student will learn to read short pieces of Chinese literature and write short and simple stories of their own. **Prerequisites:** [CHIN2020](#), or instructor's approval

**CHIN3040 Chinese Intermediate Writing and Literature II (3)**

A continuation of 3030. This course will focus extensively on reading and writing of Chinese characters. Using intermediate sentences and structures, the student will learn to read short pieces of Chinese literature and write short stories of their own. **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.

**CHIN4010 Advanced Conversation and Composition II (3)**

A continuation of CHIN3020. Course will include advanced levels of 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:** [CHIN3020](#), or instructor's approval

**CHIN4030 Chinese Advanced Writing and Literature (3)**

This course will focus extensively on reading and writing of Chinese passages and articles. Students will learn advanced sentence structures while reading increasingly longer pieces of Chinese literature and while writing their own short stories. **Prerequisites:** [CHIN3040](#), or instructor's approval

**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.

## Church History Course Description(s)

**CHIS3094 Topics in Church History (1-3)**

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 (3)**

A study of the historical background 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 150-1300 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.

**CHIS3620 History of the Christian Traditional 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.

**CHIS3630 Christ, Councils, and Creeds (3)**

A study of the historical development of Christianity. The course will trace the significant influences in history on the theological and ecclesiastical changes and maturation. The student will be given opportunity to read primary sources as well as grasp the overall flow of church history. **Prerequisites:** [THEO2100](#)

## Chapel Course Description

**CHPL1000 Chapel (0)**

Chapel is a key component of the NNU community experience. Students attending chapel will participate in a variety of ways, primarily through worship services, academic ceremonies, guest speakers, and general community-building activities. Above all, chapel seeks to help students build habits of heart and mind that contribute to the larger holistic development that occurs within the Christian liberal arts environment.

## Cultural Anthropology Course Description(s)

**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. Fulfills a General Education Cultural Competency (CC) requirement.

**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: CLTA1550. Fulfills a General Education Cultural Competency (CC) requirement.

**CLTA3200 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.

# Communication Arts & Science Course Description(s)

## **COMM1010 Introduction to Communication (3)**

An introduction to the foundations of the field of communication and the communication process. Topics will include communication theories, focus on varied areas of communication, and how communication affects society and research in the field.

## **COMM1050 Nonverbal Communication in Culture (1)**

An exploration of the role of nonverbal artifacts such as food, music, dance, costume, and color in reflecting cultural values and practices. This brief course includes mandatory all-day attendance at the Folklife Fair at the Trailing of the Sheep Festival in Hailey, Idaho. In one class period before and one class after the fair, students will discuss the parts of nonverbal communication that are especially highlighted by this cultural event and what makes the profession of sheepherding share behaviors and norms across cultures. Class will be a combination of discussion, class activities, and some lecture. A five-page paper is required to complete the course. Fulfills a General Education Cultural Competency (CC) requirement.

## **COMM1210 Introduction to Public Speaking (3)**

An introduction to verbal communication, listening, and public speaking. Emphasis will be placed on speaking, delivery issues, speech construction, audience connection, and the communication process. Students will write and deliver a variety of speeches and learn to speak with "clarity, coherence, and persuasiveness." This course satisfies the NNU General Education Speech outcome.

## **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.

## **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. The course focuses on the principles and processes of small group communication, attitudes and skills for effective participation and leadership in small groups, small group problem solving, and decision-making. The primary goal of this course is to apply concepts learned through reading and discussion to practical situations in a small group setting. 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. Interpersonal Communication is the study of theories and practice in verbal and nonverbal communication with a focus on interpersonal relationships. Emphasis is on improving interpersonal skills and increasing communication competence in everyday social exchanges. This course satisfies a General Education Social Science requirement.



**COMM2120 Communication Activities (0-2)**

Opportunities for Communication majors as well as non-majors to prepare for and participate in a variety of communication activities approved by the department. Class instruction focuses on competitive speech and debate. Students may complete other approved independent work for class participation hours. May be repeated for credit. **Prerequisites:** Instructor's approval

**COMM2420 Introduction to Public Relations (3)**

An introduction to the theory, research, and practical aspects of public relations. Emphasis will be placed on understanding and preparing strategic plans and how public relations function in business, industrial, educational and social organizations. Offered: Alternate years.

**COMM2950 Internship in Communication (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, or instructor's approval

**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. The course is designed to enhance your understanding of the role of communication in modern organizations, explore approaches and theories of organizational communication and leadership, identify common organizational communication problems and their solutions, and develop attitudes and analytical abilities that can enhance your ability to navigate modern organizations in a creative, effective and ethical way.

**COMM3050 Nonverbal Communication (3)**

The 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 Special 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 for students majoring in areas of communication arts & science, as well as non-majors, to participate in a variety of communication activities approved by the department. Class instruction focuses on competitive speech and debate. Students may complete approved independent work for class participation hours. May be repeated for credit. **Prerequisites:** [COMM2120](#), or instructor's approval

**COMM3200 Intercultural Communication (3)**

This course introduces students to the complex field of intercultural communication by looking at the practical applications of theory and research from critical, cultural, and social scientific perspectives. The course explores challenges of intercultural interaction and relationships in a number of contexts. Topics include individual perceptions, communication and culture, the role of linguistic differences, dimensions of culture, stereotyping and prejudice, adaptation to new cultures, and culture shock. A combination of theory, application, and experience will be included. Successful completion of the course requires students to engage in at least 15 hours of contact with individuals who are from international cultures other than their own. Fulfills a General Education Cultural Experience (CE) requirement.



**COMM3210 Advanced Public Speaking (3)**

A course designed to enable students to improve their public speaking techniques beyond basic skills. Emphasis will be placed both on skill development and speaking outside of the classroom. Offered: Alternate years. **Prerequisites:** [COMM3211](#), [COMM1210](#), or instructor's approval

**COMM3211 Technical Communication for Scientists & Engineers (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. Recommended for students who have completed at least 12 credits in their major field. **Prerequisites:** Junior classification or Instructor's approval

**COMM3240 Public Relations Writing (3)**

Designed for Public Relations (PR) majors to meet the expectations of the Public Relations Society of America for PR education, this course engages students in a variety of PR-specific writing skills. Includes study, critique, and editing of both student and professional work.

**COMM3420 Persuasion (3)**

A practical and theoretical 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 including 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, online media, and newsroom situations. Offered: Alternate years.

**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. **Corequisites:** [EDUC3750](#), [EDUC3510](#)

**COMM4094 Special Topics in Communication Studies (1-3)**

A concentrated study of one topic in communication studies. May be repeated for credit. **Prerequisites:** Instructor's approval

**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 a mix of original student papers and group research projects. **Prerequisites:** [PSYC2215](#)

**COMM4630 Communication Ethics (3)**

An ethics course designed specifically for the unique challenges and situations faced by communication experts in the fields of public relations, broadcasting, and communication research. Students will encounter multiple scenarios, case studies of actual situations, and practice responding to ethically difficult situations. Offered: alternate years.

**COMM4640 Health Communication (3)**

A study of the field of health communication. The course will employ case studies, lecture, discussion, and experiential learning. Relevant theory, research, and skills associated with communicating in various care contexts will be addressed. This will include communication among providers, family caregivers, patients, healthcare organizations, and in mediated messages. Issues related to marketing and promotion of health information and the politics of health care will be covered.

**COMM4950 Internship in Communication (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 advisor. **Prerequisites:** Courses basic to the area of the internship as approved by the advisor, or instructor's approval

**COMM4970 Senior Project (1-2)**

This course is designed to allow students in the Department of Communication Arts & Science to conduct a self-directed project resulting in an original work related to their specific areas of study. This outcome could include (but is not limited to) conducting a full research study, preparing a public relations plan for an outside client, designing a health campaign, and/or writing a major paper. This process culminates with a public senior defense of the work produced. Required of all majors in the department with the exception of co-majors. This course may be repeated for credit.

**COMM4980 Senior Capstone Seminar in Communication (1)**

A senior level course which reviews the major theories and research methods of the field of communication and prepares the student for a future in communication professions. Other topics include a review of the student's senior project, resume building, interviewing techniques, development of student portfolio, and preparation for graduate school. Satisfies the General Education Capstone requirement.

## Computer Science Course Description(s)

**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. **Fees:** Additional fee required. **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. **Fees:** Additional fee required. **Prerequisites:** [COMP1220](#) or Instructor's approval

**COMP2094 Special Topics in Computer Programming (1-4)**

An intensive study of one programming language not covered in other courses. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

**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. **Fees:** Additional fee required. **Prerequisites:** [ENGR1010](#) or [COMP1220](#). **Corequisites:** [COMP2220L](#)

**COMP2220L Computer Programming I Laboratory (1)**

A required laboratory associated with COMP2220. **Fees:** Additional fee required. **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. **Fees:** Additional fee required. **Prerequisites:** [COMP2220](#) **Corequisites:** [COMP2260L](#)

**COMP2260L Event-Driven Programming Laboratory (1)**

A required laboratory associated with COMP2260. Offered: Alternate years. **Fees:** Additional fee required. **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. **Fees:** Additional fee required. **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. **Fees:** Additional fee required. **Prerequisites:** [COMP2220](#)

**COMP3094 Special Topics in Computing (1-4)**

A study of some areas not covered in other computing courses. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

**COMP3130 Teaching Computer Science in the Secondary Schools (3)**

Course topics include 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 EDUC3130) **Fees:** Additional fee required. **Prerequisites:** Junior Classification. Program Admission. **Corequisites:** [EDUC3750](#), [EDUC3510](#)

**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. **Fees:** Additional fee required.

**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. **Fees:** Additional fee required. **Prerequisites:** [COMP2750](#), [MATH2310](#) **Corequisites:** [COMP3330L](#)

**COMP3330L Database Design and Programming Laboratory (1)**

A required laboratory associated with COMP3330. Offered: Alternate years. **Fees:** Additional fee required. **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. **Fees:** Additional fee required. **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. **Fees:** Additional fee required. **Prerequisites:** [COMP2630](#), [COMP2750](#) **Corequisites:** [COMP3430L](#)

**COMP3430L Operating Systems I Laboratory (1)**

A required laboratory associated with COMP3430. Offered: Alternate years. **Fees:** Additional fee required. **Corequisites:** [COMP3430](#)

**COMP3440 Operating Systems II (3)**

A continuation of COMP3430 Operating Systems I. Offered: Alternate years. **Fees:** Additional fee required. **Prerequisites:** [COMP3430](#)

**COMP3470 Cybersecurity Principles (3)**

This course introduces the concepts of cybersecurity. Topics include virtual and physical information threats, legal and ethical issues, and planning and risk assessment. Students will see how various tools and methodologies are employed in cyber defense and learn best practices for doing so. This course also introduces security roles in an organization and how to manage and maintain information security policies. Upon completion students will understand how to perform an organizational information security risk assessment and create corresponding information security policies according to industry and government standards. **Fees:** Additional fee required. **Prerequisites:** [COMP2220](#)

**COMP3480 Cyber Defense (3)**

This course introduces students to the concepts of defense in-depth, a security industry best practice for reducing risk from cyberattacks, social engineering, phishing and malware. Topics include firewalls, backup systems, disaster recovery, and incident handling. This course will also focus on reasons for many of the classic flaws software developers implement in systems that can lead to security problems including buffer overflows, format string problems, race conditions, memory leaks, etc. Upon completion, the student will learn to plan effective information security defenses, backup systems, user security and disaster recovery procedures. **Fees:** Additional fee required. **Prerequisites:** [COMP3470](#)

**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. **Fees:** Additional fee required. **Prerequisites:** [COMP2630](#) **Corequisites:** [COMP3530L](#)

**COMP3530L Computer Graphics Laboratory (1)**

A required laboratory associated with COMP3530. Offered: Alternate years. **Fees:** Additional fee required. **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. **Fees:** Additional fee required. **Prerequisites:** [COMP2630](#), [COMP2750](#)

**COMP3640 Networks and Data Communications II (3)**

A continuation of COMP3630 Networks and Data Communications I. Offered: Alternate years. **Fees:** Additional fee required. **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. **Fees:** Additional fee required. **Prerequisites:** [COMP2750](#)

**COMP3810 Parallel Computation (3)**

As we lose the ability to speed up computers by making processors faster, we must instead investigate how to achieve performance gains by utilizing the multiple processors that are available on most common computers. Students will learn and apply concurrent programming methods using both central processing units (CPUs) and graphic processing units (GPUs), as well as algorithmic decisions that influence performance gains through parallelization. **Fees:** Additional fee required. **Prerequisites:** [COMP2750](#)

**COMP3830 Information Security (3)**

An introduction to both the technical components of information security as well as security management. Coverage will include inspection and protection of information assets, detection of and reaction to threats to information assets, and examination of pre- and post-incident procedures, technical and managerial responses, and an overview of the information security planning and staffing functions. Students will also have hands-on experience in selected information security technologies through lab sessions. **Fees:** Additional fee required. **Prerequisites:** [COMP2220](#)

**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. **Fees:** Additional fee required. **Prerequisites:** Junior classification, Computer Science major.

**COMP4220 Artificial Intelligence (3)**

The goal of Artificial intelligence is to enable a computer to learn, plan, and solve problems autonomously. Concepts and techniques involved in artificial intelligence including goal-directed searching, constraint satisfaction, fuzzy logic, pattern recognition, evolutionary computation, and genetic algorithms. **Fees:** Additional fee required. **Prerequisites:** [COMP2750](#)

**COMP4330 Machine Learning (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 and unsupervised learning, machine learning applications, association rules, clustering, classification and data mining applications. Offered: Alternate years. **Fees:** Additional fee required. **Prerequisites:** [COMP2750](#)

**COMP4340 Advanced Database Design and Programming (3)**

The concept of Big Data refers to massive amounts of data, both structured and unstructured, on which the processing capabilities of traditional data management tools are inadequate. This course investigates storage and analysis methods and associated tools which enable users to extract knowledge from voluminous data. **Fees:** Additional fee required. **Prerequisites:** [COMP3330](#)

**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. **Fees:** Additional fee required. **Prerequisites:** [COMP2630](#), [COMP2750](#)

**COMP4470 Cyber Warfare (3)**

This course is designed to train students to function in the role of a "White Hat" or ethical hacker for an organization. Students are exposed to the inner workings of cyberattacks from a White Hat perspective: how malware is built and propagated to the use of the Dark Web. It will also cover web-application specific topics such as Denial of Service, SQL injection and cross-site scripting attacks and how to defeat them. This course will also address a number of advanced topics such as cellular, Internet of Things and mobile technologies and their security, system vulnerabilities and penetration testing of corporate networks/systems. Students will also learn how to employ honeypots/honeynets to deceive and/or thwart attackers. **Fees:** Additional fee required. **Prerequisites:** [COMP3330](#), [COMP3480](#), Recommended prerequisites: [COMP3430](#), [COMP4330](#), and [COMP4340](#).

**COMP4480 Cyber Forensics and Recovery (3)**

This course will introduce techniques to discover whether an information network is or has been under attack and steps to remediate and recover from the attack. Students will learn how to apply machine learning techniques and monitoring tools to detect the presence of an attack and steps to mitigate loss of data. This course will also discuss the steps necessary to determine the extent of and reporting requirements for data breaches and loss. Students are introduced to both international and U.S. cyber laws including reporting compliance. This course will also cover various agencies for dealing with cybercrime and how to assist law enforcement in prosecuting perpetrators of cybercrime. **Fees:** Additional fee required. **Prerequisites:** [COMP3480](#), Students must be junior standing. Recommended prerequisites: [COMP3430](#), [COMP4330](#), and [COMP4340](#).



**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 part of a team in the development of a significant software project. **Fees:** Additional fee required. **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. **Fees:** Additional fee required. **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. In addition, 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. **Fees:** Additional fee required. **Prerequisites:** [COMP4680](#) or [COMP4970](#). Must be taken at NNU.

## Criminal Justice Course Description(s)

**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 Special Topics in Criminal Justice (1-3)**

This course is designed to address specific criminal justice topics as designated by the instructor of record and approved by the department chair.

**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.

**CRIM3350 Criminal Law (3)**

This course introduces 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.

**CRIM3400 Written and Interpersonal Communication for Law Enforcement (3)**

This course prepares the student to communicate effectively in both written and verbal forms. In order to achieve this, the Written and Interpersonal Communication for Law Enforcement course examines best practices in investigative reporting, written reports and memos. In addition, interpersonal verbal and non-verbal communication will be looked at within criminal justice settings, including interactions with victims, suspects, incarcerated persons, government officials, staff, and civilians.

**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.

**CRIM4360 Criminal Procedure (3)**

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). **Prerequisites:** [CRIM3350](#)



**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](#), Program admission, Junior standing, and Instructor's approval 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 approval

## Economics Course Description(s)

**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.

**ECON2010 Principles of Economics (3)**

An introduction to the basic economic principles that are used to understand the process of decision-making by individuals and business organizations. Students will study production, distribution, exchange and consumption at both the micro and macro-level.

**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.

**ECON3020 Intermediate Economics (3)**

A study and application of both micro and macro economic theory to the process of decision-making by individuals and business organizations. Topics include pricing theory, consumer choice, market structures, business cycles, inflation, economic growth and development, and international applications. **Prerequisites:** [ECON2010](#)

**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:** [ECON2010](#), 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:** [ECON2010](#), 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:** [ECON2010](#), 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:** [ECON2010](#), or instructor's approval

## Education Course Description(s)

**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 in the 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 Cultural Competency (CC) requirement. **Prerequisites:** [EDUC1100](#)

**EDUC2550 Innovative Instruction (3)**

This course is designed to support future instructors by increasing their knowledge of innovative strategies in education to facilitate growth in student learning. Utilizing models of innovative instruction and ISTE NETS teacher standards, this course will explore global educational practices, pushing educators to move instruction from a highly structured setting to a more student-centered environment where students take ownership and personalize their learning. **Prerequisites:** [EDUC1100](#)

**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](#)

**EDUC3000 Mathematics Lab for Elementary Teachers (2)**

A hands-on exploration of mathematical concepts, using evidence-based practices to provide a basic understanding of teaching mathematical structures and strategies for conceptual understanding in the elementary classroom. May be taken same semester as MATH2010 or MATH2020. **Prerequisites:** [MATH2010](#), [MATH2020](#), Program admission.

**EDUC3010 Teaching English in the Secondary School (3)**

Strategies for teaching literature, grammar, writing and other communication skills necessary to effectively teach secondary English. Emphasis will be placed on teaching strategies to correspond with ELA standards and unit planning at a secondary level. Field Experience: 20-40 hours. (See ENGL3010.) **Prerequisites:** Junior classification, Program admission.

**EDUC3090 Pedagogy of Writing in 6-12 Schools (3)**

An examination and application of research-based methodologies for teaching the writing process. Candidates learn how to incorporate the writing process across all content areas. Focus is on creating authentic writing opportunities that encompass a range of tasks, purposes, and audiences. This course meets a portion of the Idaho Comprehensive Literacy Coursework requirements of the Idaho Department of Education. See ENGL3090. **Prerequisites:** Junior classification, Program admission.

**EDUC3130 Teaching Computer Science in the Secondary Schools (3)**

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 COMP3130.) **Prerequisites:** Junior classification, Program admission. **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. **Prerequisites:** Program admission.

**EDUC3175 Teaching Diverse Learners (3)**

This course focuses on developing instructional strategies to ensure the learning of all students. Classrooms are tremendously diverse environments, and this course explores the various ways students, and their learning needs, are different. This course is designed to meet the needs of diverse learners using effective evidence-based strategies for students with disabilities, gifted students, English language learners, and students from diverse cultural and ethnic backgrounds. This course is an approved Cultural Competency (CC) content course at NNU. Field Experience: 15 hours

**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.

**EDUC3250 Fundamentals of Reading (3)**

An in-depth study of evidence-based practices for reading instruction in an elementary classroom. This course provides an overview of each of the “Big 5” of literacy (phonemic awareness, phonics, fluency, vocabulary, and comprehension) with a special emphasis on early literacy. A 20-hour reading practicum is included during which the candidate observes the set up and administration of a reading program and participates in reading instruction. This course meets a portion of the Idaho Comprehensive Literacy Act requirements of the Idaho Department of Education. **Prerequisites:** Junior classification, Program admission.

**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. This course meets a portion of the Idaho Comprehensive Literacy Act requirements of the Idaho Department of Education. **Prerequisites:** Junior classification, Program admission.

**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 10-hour multicultural field experience. **Prerequisites:** Program admission.

**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 includes a 10-hour field experience. (See ARDE3330) **Prerequisites:** Program admission.

**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.

**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. **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. Field experience: 20-40 hours. (See KINE3360.) **Prerequisites:** Junior classification, Program admission. **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 a 10-hour field experience. (See KINE3380) **Prerequisites:** Program admission.

**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. 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. This course meets a portion of the Idaho Comprehensive Literacy Act requirements of the Idaho Department of Education and fulfills a General Education Cultural Competency (CC) requirement. **Prerequisites:** Junior classification, Program admission.

**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 with standards alignment and assessment development are included. Corequisite: Methods courses in endorsement area or first and second teaching endorsements. Exempt - music majors who do not have a second teaching endorsement. **Prerequisites:** Junior classification, Program admission. **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. Field experience: 20-40 hours. (See ARDE3530.) **Prerequisites:** Junior classification, Program admission. **Corequisites:** [EDUC3750](#), [EDUC3510](#)

**EDUC3570 Teaching Mathematics in the Secondary School (2)**

This course explores strategies for teaching math in secondary schools. A major focus of the class will be moving secondary students through enactive, iconic, and symbolic representation for concepts in the five major areas of math: algebra, functions, geometry, statistics/probability, and number/quantity. Other topics will include standards alignment, technology integration, and assessment. Field experience: 20-40 hours. (See MATH3570.) **Prerequisites:** Junior classification, Program admission.

**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. Field experience: 20-40 hours. (See HIST3580.) **Prerequisites:** Junior classification, Program admission.

**EDUC3630 Teaching World 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. **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. Field experience: 20-40 hours. (See BIOL3640.) **Prerequisites:** Junior classification, Program admission.

**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. **Corequisites:** [EDUC3750](#), [EDUC3510](#)

**EDUC3750 Classroom Management in Secondary Schools (2)**

The focus of this course is on equipping future teachers with knowledge and skills for effectively managing a classroom. This course will present specific classroom strategies for managing secondary classroom behavior in proactive and positive ways. Topics include vision, organization, expectations, rules and consequences, motivation, preparation and launch, implementation, and proactive planning for chronic misbehavior. Corequisite: Methods courses in teaching area or fields; EDUC3510. (Music Education majors exempt from EDUC3510.) **Prerequisites:** Junior classification, Program admission. **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.

**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](#), [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. **Fees:** Additional fee required. **Prerequisites:** Approval for intern year. Senior classification. **Corequisites:** [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:** [EDUC4440](#), [EDUC4460](#), [EDUC4540](#), [EDUC4550](#), [EDUC4810](#)  
**Corequisites:** [EDUC4950](#)

**EDUC4460 Assessment and Intervention in Reading (3)**

An examination and application of evidence-based practices used for the assessment and intervention cycle to guide instruction in literacy. A 12-15 hour practicum is included in which candidates administer a battery of assessments, analyze data, diagnose the literacy needs of a struggling reader, set individual student goals, design and deliver a sequence of intervention lessons, and reassess for student learning. This course meets a portion of the Idaho Comprehensive Literacy Act requirements of the Idaho Department of Education. **Prerequisites:** Approval for intern year. Senior classification. **Corequisites:** [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. This course meets a portion of the Idaho Comprehensive Literacy Act requirements of the Idaho Department of Education. **Prerequisites:** Department approval, Program admission. **Corequisites:** [EDUC4430](#), [EDUC4440](#), [EDUC4460](#), [EDUC4550](#), [EDUC4810](#)

**EDUC4550 Methods of Teaching Science and Mathematics in the Elementary Classroom (4)**

A study of teaching evidence-based 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 for conceptual and procedural understanding, classroom environment, instruction, and professionalism equips candidates for the student teaching experience. **Prerequisites:** Department approval, Program admission. **Corequisites:** [EDUC4430](#), [EDUC4440](#), [EDUC4460](#), [EDUC4540](#), [EDUC4810](#)

**EDUC4590 Pedagogy of Writing in K-8 Schools (3)**

An examination and application of research-based methodologies for teaching the writing process. Candidates learn how to incorporate the writing process across all content areas. Focus is on creating authentic writing opportunities that encompass a range of tasks, purposes, and audiences. This course meets a portion of the Idaho Comprehensive Literacy Act requirements of the Idaho Department of Education. (See ENGL4590). **Corequisites:** [EDUC4440](#)

**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: EDUC4860 or EDUC4870 or EDUC4450.

## English Language Writing Course Description(s)

**ELWR1061 Academic Language Acquisition (3)**

This course integrates academic listening strategies, note-taking and academic discussion in addition to other preparation to give English as a Second Language (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

**ELWR1063 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. May be repeated once for credit.

## English Course Description(s)

**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.

**ENGL1030A University Writing and Research A (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. **Prerequisites:** Successful completion of [ENGL1020](#) (concurrent credit or transfer students), or ACT English score of 22 or higher, or an SAT Read/Write test score of 530 or higher, or Accuplacer combined Reading and Sentence score of 526 or higher, or AP Test score of 3 or higher on English Lang/Comp or English Literature/Comp.

**ENGL1030B University Writing and Research B (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. **Prerequisites:** Successful completion of [ENGL0900](#) or ACT English score of 18 or higher, or an SAT Read/Write test score of 500 or higher, or Accuplacer combined Reading and Sentence score of 500 or higher. **Corequisites:** [ENGL1030L](#)

**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 Read/Write Test score of 500-530, or an Accuplacer combined Reading and Sentence score of 500-526. Students will receive supplemental instruction in reading, analyzing, and writing persuasive essays. Must be taken simultaneously with ENGL1030B. **Prerequisites:** Successful completion of [ENGL0900](#), or ACT English score of 18 or higher, or an SAT Read/Write test score of 500 or higher, or Accuplacer combined Reading and Sentence score of 500 or higher. **Corequisites:** [ENGL1030B](#)

**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:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better

**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 the Secondary School (3)**

Strategies for teaching literature, grammar, writing and other communication skills necessary to effectively teach secondary English. Emphasis will be placed on teaching strategies to correspond with ELA standards and unit planning at a secondary level. Field Experience: 20-40 hours. (See EDUC3010.) **Prerequisites:** Program admission.

**ENGL3015 Topics in Writing (3)**

Building on the analytical, research, and writing skills gained in ENGL1030A or B, 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:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**ENGL3020W Principles of Writing (3)**

An advanced 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:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**ENGL3040W Creative Writing - Prose (3)**

Principles, techniques, and practice in writing both fiction and non-fiction, including small-group work, critique, and revision. This course fulfills the general-education "W" requirement. **Prerequisites:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**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

**ENGL3090 Pedagogy of Writing in 6-12 Schools (3)**

An examination and application of research-based methodologies for teaching the writing process. Candidates learn how to incorporate the writing process across all content areas. Focus is on creating authentic writing opportunities that encompass a range of tasks, purposes, and audiences. This course meets a portion of the Idaho Comprehensive Literacy Coursework requirements of the Idaho Department of Education. See EDUC3090.

**ENGL3094 Special 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. Course topics may vary by semester. Some examples of 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:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**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:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**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:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**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:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**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:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**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:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**ENGL3510 Contemporary Poetry (3)**

A study of representative contemporary poetry published in English. Offered: Alternate years.

**ENGL3520 Contemporary Drama (3)**

A study of representative contemporary drama. Offered: Alternate years.

**ENGL3740W Children's Literature (3)**

A study of literature written for children, from pre-school age through young adult. 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 and young adult literature and to develop qualitative judgment skills. This course fulfills the general-education "W" requirement. **Prerequisites:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**ENGL3750 Children's and Young Adult Literature (3)**

A study of literature written for children and young adults, 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 and young adults literature and to develop qualitative judgment skills.

**ENGL3910 Literary Theory and 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 and Literature 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 and Literature 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 and fulfills a General Education Cultural Competency (CC) requirement. **Prerequisites:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**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:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**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:** [ENGL1030A](#) or [ENGL1030B](#), with a grade of C- or better.

**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.



# Engineering Course Description(s)

## **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. Team-oriented, hands-on design project. **Fees:** Additional fee required.

## **ENGR1050 Engineering CAD and Prototyping (3)**

An introduction to engineering computer-aided design and rapid prototyping. Use of design tools, such as AutoCAD and SolidWorks, along with 3D printing, and CNC milling to fabricate rapid prototype designs. **Fees:** Additional fee required.

## **ENGR1100 Engineering Software Skills (3)**

Fundamental programming in the C language for solving physics and engineering problems. Translation of engineering problems into computational models. Introduction to engineering software tools such as MATLAB, Python, etc. **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. **Fees:** Additional fee required. **Prerequisites:** [ENGR1010](#), [MATH2520](#), [ENGR1100](#), [ENGR1050](#), [PHYS2110](#)

## **ENGR2110 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. **Fees:** Additional fee required. **Prerequisites:** [MATH3540](#), [ENGR2100](#)

## **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). Corequisites: ENGR1100 or COMP1220. Concurrent: ENGR2200L **Fees:** Additional fee required.

## **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, and Laplace transforms. Concurrent: ENGR2210L **Fees:** Additional fee required. **Prerequisites:** [MATH3540](#), [PHYS2120](#)

**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 (1)**

Principles and error analysis of measurements will be explored by performing experiments using test equipment and sensors such as oscilloscopes, function generators, multimeters, thermocouples, strain gauges, and photodiodes. Data acquisition and instrument/actuator control will also be covered using LabVIEW programming and instruments and sensor interfaces. **Fees:** Additional fee required. **Corequisites:** [ENGR2210L](#)

**ENGR3094 Special Topics in Engineering (1-4)**

An approved concentrated study in a field of engineering not covered in other courses. May be repeated for credit. **Fees:** Additional fee required. **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. May be repeated for credit. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

**ENGR3100 Mechanics of Materials (3)**

Properties, strength and modes of failure of engineering materials; theory of stresses and strains of ties, shafts, beams, and columns. **Fees:** Additional fee required. **Prerequisites:** [MATH2520](#), [ENGR2100](#) **Corequisites:** [CHEM2230](#)

**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. Concurrent: ENGR3110L. **Fees:** Additional fee required. **Prerequisites:** [MATH3540](#), [CHEM2230](#), [PHYS2120](#)

**ENGR3110L Materials and Thermodynamics Laboratory (1)**

Provides students with hands-on experience in various materials testing methods, as well as basic thermodynamic principle experiments. Engineering data analysis and report writing. **Fees:** Additional fee required. **Corequisites:** [ENGR3110](#), [ENGR3100](#)

**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 **Fees:** Additional fee required. **Prerequisites:** [ENGR2210](#), [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. **Fees:** Additional fee required. **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. **Fees:** Additional fee required. **Prerequisites:** [ENGR3100](#), [ENGR2110](#)

**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. **Fees:** Additional fee required. **Prerequisites:** [ENGR3100](#), [ENGR1050](#), [ENGR2110](#)

**ENGR4120 Fluids and Thermal Laboratory (1)**

Selected experiments in heat transfer, hydraulics, 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 **Fees:** Additional fee required. **Prerequisites:** [ENGR2200](#), [ENGR2110](#), [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. **Fees:** Additional fee required. **Prerequisites:** [ENGR2110](#)

**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. **Fees:** Additional fee required. **Prerequisites:** [ENGR3110](#)

**ENGR4170 Agricultural Automation (3)**

Principles and application of engineering technologies supporting agricultural production. Agricultural vehicle robots, agricultural infotronics, precision agricultural systems, field crop production automation, orchard and vineyard automation, pesticide application control, automated irrigation management, food processing automation, and mechanization, sensing, and control of biological systems. **Fees:** Additional fee required. **Prerequisites:** [ENGR4110](#)

**ENGR4210 Microelectronics (3)**

A study of diodes, BJT and MOS transistors, 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. CMOS circuits including filters, oscillators, and phase-locked loops. Concurrent: ENGR4210L **Fees:** Additional fee required. **Prerequisites:** [ENGR2210](#)

**ENGR4210L Microelectronics 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 Signals and Systems (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. Discrete-time signals and systems, A/D and D/A conversion, filter design, using MATLAB and Simulink. **Fees:** Additional fee required. **Prerequisites:** [ENGR1100](#), [ENGR2210](#)

**ENGR4230 Embedded Systems (3)**

Hardware and software design of embedded systems with peripheral interfaces, using development boards. Team system design project. Concurrent: ENGR4230L **Prerequisites:** ENGR1100 and ENGR2200 or COMP2220 and COMP2630. **Fees:** Additional fee required.

**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. **Fees:** Additional fee required. **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). **Fees:** Additional fee required. **Corequisites:** [ENGR4270](#), [ENGR4250](#)

**ENGR4270 Advanced Circuits (3)**

Application of the laws and techniques of circuits analysis to ac circuits. Complex numbers and algebra with an emphasis on phasor representation of circuits. Calculation of the frequency response of circuits. Single and three-phase power distribution, motors and generators. Analysis of AC steady-state circuits, complex power, power factor correction, magnetically coupled circuits. Laplace and Fourier transforms. Representation of circuits by two-port models. **Fees:** Additional fee required. **Prerequisites:** [ENGR2210](#)

**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, Conceptual Design Review, and Preliminary Design Review. **Fees:** Additional fee required. **Prerequisites:** [ENGR3400](#), [ENGR3410](#), [ENGR2100](#), [ENGR2200](#), [ENGR2210](#), [ENGR2310](#), [ENGR3110](#), [ENGR2110](#), [ENGR3100](#)

**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: Critical Design Review, Final Implementation Review and Design Report for the client. **Fees:** Additional fee required. **Prerequisites:** [ENGR4971](#)

## Film Production Course Description(s)

**FILM1260 Cinema Production I (1)**

An introduction to visual communication for Film Production 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.

**FILM2260 Cinema Production II (3)**

A study of the roles and processes of professional cinema production in both single and multi-camera 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:** [FILM1260](#)

**FILM2280 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.

**FILM3010 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:** [FILM2260](#)

**FILM3260 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. **Fees:** Additional fee required. **Prerequisites:** [FILM2260](#), or instructor's approval

## French Course Description(s)

**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.

**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. **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. **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. **Prerequisites:** [FREN2010](#), or equivalent.

## Geography Course Description(s)

**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.

**GEOG2100 Human Geography (3)**

A systematic survey of contemporary concepts and processes of human geography in global perspective. The course includes examination of spatial patterns of topics such as language, religion, culture, agriculture, population, migration, and urbanization.

### **GEOG3100 Globalization (3)**

An in-depth examination of globalization from political and geographic perspectives. The course includes study of historical eras of globalization but focuses primarily on current issues and challenges. Topics include the economics of globalization, influence of technology on culture and spread of globalization, issues of sovereignty and reactions against globalization. Offered: Alternate years.

## **Greek Course Description(s)**

### **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. **Prerequisites:** [BIBL1100](#), [THEO2100](#), [CHIS3630](#)

### **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](#)

### **GREK4340 Greek Exegesis: New Testament Narratives (3)**

An advanced study of selected New Testament narratives in the Greek text. This 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:** [BIBL1100](#), [GREK2120](#), [THEO2100](#), [CHIS3630](#), Corequisite: [CHIS3630](#)

### **GREK4350 Greek Exegesis: New Testament Letters (3)**

An advanced study of selected New Testament letters in the Greek text. This 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:** [BIBL1100](#), [GREK2120](#), [THEO2100](#), Also requires either [CHIS3610](#) or [CHIS3620](#) or [CHIS3630](#). Corequisite: [CHIS3630](#)

## **Hebrew Course Description(s)**

### **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](#)

### **HEBR4440 Hebrew Exegesis: Old Testament Narratives (3)**

An advanced study of one or more narrative books of the Old Testament 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. Offered: Alternate years. **Prerequisites:** [BIBL1100](#), [HEBR2120](#), [THEO2100](#), [CHIS3630](#), Corequisite: [CHIS3630](#)

**HEBR4450 Hebrew Exegesis: Old Testament Prophets (3)**

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. Offered: Alternate years. **Prerequisites:** [BIBL1100](#), [HEBR2120](#), [THEO2100](#), [CHIS3630](#), Corequisite: [CHIS3630](#)

**HEBR4460 Hebrew Exegesis: Old Testament Psalms and Writings (3)**

An advanced study of one or more books within the collections of the Psalms and Writings 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. Offered: Alternate or third years. **Prerequisites:** [BIBL1100](#), [HEBR2120](#), [THEO2100](#), Also requires either [CHIS3610](#) or [CHIS3620](#) or [CHIS3630](#). Corequisite: [CHIS3630](#)

## History Course Description(s)

**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 I: 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 II: 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 Medieval Europe (3)**

An examination into the rich world of medieval Europe between the collapse of the western Roman Empire and ending with the first stirrings of the Renaissance in the 14th century. The course will explore the preservation of learning and vibrant intellectual culture of monasteries, the political struggles of the Holy Roman Empire, the Anglo-Celtic enthusiasm for spirituality and education, the Islamic cities and cultural centers of Spain, the rich liturgy and culture of medieval Catholicism, and the lives of rulers like Charlemagne, Alfred the Great, and Otto the Great. The course culminates in the horrific catastrophe of the Bubonic Plague and the beginnings of recovery in the Renaissance. 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 Special 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.

**HIST3260 America in the Age of Revolutions (3)**

This course explores American history in the context of the revolutionary Atlantic (1760-1848). Rather than seeing the various revolutions as discrete events, we will examine how they were entangled and part of the longer story of a revolutionary age. We will trace their ideological origins to an earlier English radicalism and consider how the American Revolution inspired cultural, political, and religious changes in the West. We will also consider how conceptions of liberty, republicanism, and self-governance expressed by revolutionaries in the Caribbean and Latin American revolutions shaped the intellectual and geopolitical landscape of the United States. Offered: Alternate years

**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:** [ENGL1030A](#) or [ENGL1030B](#)

**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 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

**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. Field experience: 20-40 hours. (See EDUC3580.) **Prerequisites:** Junior classification, Program admission.

**HIST3750 British and American Evangelicals (3)**

An exploration of evangelical Christianity as an essentially transatlantic spiritual phenomenon. This course will explore the core characteristics of evangelical Christianity as they developed from the mid-1700s up to the present day, and will trace evangelical Christianity's historical evolution through religious revival, social influence, political activity, and cultural conflict from its origins to the present secularizing age.

**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 eight to ten pages. **Prerequisites:** Senior standing

## Honors Course Description(s)

**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

## Humanities Course Description(s)

### **HUMN1020 Cornerstone (1)**

In Cornerstone, students engage with the four interrelated NNU values of Truth, Transformation, Community, and Service through direct experience and reflection on that experience. Students will begin to develop habits for success in college life; engage with the NNU community beyond the classroom; and work with an off-campus partner organization serving the local community.

### **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 CRIM4010, PSYC4010, SPAN4010)

## Interdisciplinary Course Description(s)

### **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.

## Kinesiology Course Description(s)

### **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. **Corequisites:** [KINE1000L](#)

### **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. **Corequisites:** [KINE1000](#)

### **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, lifeguarding, physical fitness, yoga, core fusion, Crossfit, Taiji, Taekwondo, skiing, swimming (intermediate), jogging/walking, indoor/outdoor recreational sports and games, 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. Offered: Alternate years.

**KINE2500 Military Style Fitness (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 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. Kinesiology majors will take 4 credits; one of which fulfills a KINE general ed requirement. **Prerequisites:** [KINE1310](#), This course is only open to Kinesiology Majors.

**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, understanding group facilitation and teaching strategies will be the central focus of the course. Successful completion prepares a student to design and lead outdoor educational activities. Offered: Alternate years.

**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)**

Kinesiology Majors only. Fundamental skills and instructional techniques for outdoor educational activities. Also includes outdoor equipment use and safety emphasis. **Fees:** Additional fee required. **Prerequisites:** [KINE1310](#)

**KINE2760 Intercollegiate Athletic Participation (0-1)**

This course requires 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. Students athletes will be registered for this course by the Registrar's office. Students requiring a general education activity class should register for KINE2770 Competitive Athletics.

**KINE2770 HH: Competitive Athletics (0-1)**

This course requires participation in intercollegiate athletics and is designed to meet the general education Kinesiology activity requirement. 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. Offered: Alternate years.

**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, scuba 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. Offered: Alternate years. **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. Offered: Alternate years. **Fees:** Additional fee required.

**KINE2900C Outdoor Skills - Snow (2)**

This course combines classroom knowledge and field experience in the areas of snowshoeing, 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. Offered: Alternate years. **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. **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. Field experience: 20-40 hours. (See EDUC3360.) **Prerequisites:** Junior classification, Program admission. **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 a 10-hour field experience. (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 disabilities, limitations, 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. Course satisfies Math General Education requirement. Offered: Alternate years.

**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. Offered: Alternate years.

**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.

## Leadership Course Description(s)

**LEAD1001 Professionalism: Opportunities and Responsibilities (0-1)**

This course introduces students to a larger awareness of how responsible engagement with the experiences and opportunities they have while in college may best advantage them for success while in college and with their transition to professional roles or continued education after graduation.

**LEAD1002 Self Management: Self-Awareness, Other-Awareness, and Self Regulation (0-1)**

This course introduces students to critical soft-skills that comprise the foundation of emotional intelligence. Students will learn the components of self-awareness, especially as these undergird an understanding of how to self-regulate emotions and behavior in view of developing healthy relations and interactions with others.

**LEAD2001 Relational Management: Resilience, Empathy, and Compassion (0-1)**

This course introduces students to building a personal foundational mindset and behavioral practices that support the ability to navigate life's challenges well. The course explores the areas of growth mindset and personal growth opportunities in the contexts of social and interpersonal relational responsibilities and challenges.

**LEAD2002 Social and Cultural Awareness: Dignity, Perspectives, and Diversity (0-1)**

This course introduces the foundational concepts and the mindset and behaviors that support healthy human dignity. Dignity awareness supports cultural and social diversity and a healthy respect for differences, acceptance, tolerance, and inclusion. It creates space for learning about, from, and with those who may be different from ourselves. This course seeks to expand awareness of the factors, situations, and potential solutions that involve challenges to human dignity and healthy diversity.

**LEAD3001 Leader Thinking and Making Decisions (0-1)**

This course introduces students to the importance of good decision-making. The course explores the responsibilities of decision-making for self and others, both personally and as a leader. The course will further survey the dominant or more typical decision-making styles and matrices and will examine how logic and emotions, along with social pressures, project pressures, culture, and norms can influence the leader's decision-making process. **Prerequisites:** [LEAD1001](#), [LEAD1002](#), [LEAD2001](#), [LEAD2002](#)

**LEAD3002 Leading Others: Collaborative Leadership Skills (0-1)**

This course introduces students to the mindset, concepts and practices of communication and facilitation skills that support leading groups or teams in projects, assignments, change initiatives, and discovery and planning sessions. Students will have opportunities to apply the learning concepts and practices by leading and participating in discovery planning meetings. The course will explore change resistance and the behavioral factors that support accelerating the adoption

curve. **Prerequisites:** [LEAD1001](#), [LEAD1002](#), [LEAD2001](#), [LEAD2002](#)

## Mathematics Course Description(s)

**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. This is a credit/no credit course. This course prepares the student to take MATH1300. Credit for courses numbered below 1000 is not transferable. Students need to verify they have the 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 Accuplacer QRAS score of 250 or higher, or instructor's approval

**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 satisfies the general education mathematics competency requirement. The course is designed for non-science majors. Students need to verify they have the 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 Accuplacer QRAS score of 250 or higher, or credit for [MATH0900](#).

**MATH1300 College Algebra (3)**

Topics include polynomial arithmetic, synthetic division, zeroes of polynomials, systems of linear equations, matrices and matrix multiplication. This course prepares students to take MATH1400 and MATH2510. Students need to verify they have the 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 Accuplacer QRAS or AAF score of 265 or higher, or instructor's approval

**MATH1400 Trigonometry (3)**

Topics include the study of the trigonometric functions, plane trigonometry, and analytic trigonometry. This course prepares students to take MATH2510. Students need to verify they have the prerequisites the first day of class. **Prerequisites:** [MATH1300](#) (a grade of C or better); ACT Math score of 26 or higher, or SAT Math score of 670 or higher, or Accuplacer College Level Math score of 60 or higher, or Accuplacer AAF score of 285 or higher, or instructor's approval



**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. Students need to verify they have the prerequisites the first day of class. **Prerequisites:** [EDUC1100](#) or [EDUC1125](#) and enrollment in a program leading to an elementary or secondary teaching certificate; 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 Accuplacer QRAS score of 250 or higher.

**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 need to verify they have the 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 Accuplacer QRAS score of 250 or higher or credit for [MATH0900](#)., or instructor's approval

**MATH2310 Discrete Mathematics (3)**

An introduction to graph theory, logical operators, mathematical induction, enumeration and Boolean algebra. Students need to verify they have the prerequisites the first day of class. **Prerequisites:** [MATH1300](#) (a grade of C or better).

**MATH2510 Calculus I (4)**

Limits, derivatives (including trigonometric functions), integration and applications of the derivative. Students need to verify they have the prerequisites the first day of class. **Prerequisites:** [MATH1400](#) (a grade of C or better); 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, or Accuplacer AAF score of 300 or higher, or instructor's approval

**MATH2520 Calculus II (4)**

Area, volume, applications of the integral, techniques of integration (partial fractions, integration by parts, etc.), polar coordinates, integration in polar coordinates, infinite series. Students need to verify they have the prerequisites the first day of class. **Prerequisites:** [MATH2510](#)

**MATH3094 Special Topics in Mathematics (1-4)**

Intensive study of one topic.

**MATH3240 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 need to verify they have the prerequisites the first day of class. **Prerequisites:** [MATH2520](#)

**MATH3245 Probability and Statistics for Science and Engineering (3)**

This course will develop a thorough understanding of the methods of probability and statistics which are used to model engineering problems and develop the necessary skills to implement and analyze basic statistical models using computer software. Intended for engineering majors. **Prerequisites:** [MATH2520](#)

**MATH3250 Probability and Statistics II (3)**

A continuation of MATH3240 Probability and Statistics I. Students need to verify they have the prerequisites the first day of class. **Prerequisites:** [MATH3240](#)

**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 Methods of Proof (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 continuation of Calculus II. Partial differentiation, gradient and directional derivatives, multiple integrals, and topics in vector calculus including vector fields, curl, 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. Recommended: MATH3540 and a programming language. **Prerequisites:** [MATH2520](#)

**MATH3570 Teaching Mathematics in the Secondary School (2)**

This course explores strategies for teaching math in secondary schools. A major focus of the class will be moving secondary students through enactive, iconic, and symbolic representation for concepts in the five major areas of math: algebra, functions, geometry, statistics/probability, and number/quantity. Other topics will include standards alignment, technology integration, and assessment. Field experience: 20-40 hours. (See EDUC3570.) **Prerequisites:** Junior classification. Program admission.

**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](#)

**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 Real Analysis I (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 Real Analysis II (2)**

A continuation of MATH4510. Offered: Alternate years **Prerequisites:** [MATH4510](#)

## Modern Languages Course Description(s)

**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.

## Military Science Course Description(s)

**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 Tactical Combat Casualty Care (TCCC).

**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, Tactical Combat Casualty Care (TCCC), 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 Basic 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 Advanced Course at Fort Knox, Kentucky. 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](#)

**MILS3150 U.S. Military History (3)**

This course is an introduction to the history of the United States Armed Forces and to the nature of war, from their colonial origins through the Global War on Terror. The target audience is ROTC cadets preparing to commission into the U.S. Army. As such the course will emphasize the growth of professionalism of the U.S. Armed Forces through the crucibles of armed conflict. It will examine how the civil-military relationship has changed over time. Most importantly, history is the laboratory and the database for learning about war in all its dimensions. From the study of the history of war we can develop wisdom for the future. **Prerequisites:** Instructor permission for sophomore-level students.

**MILS3900 Military Science Practicum (3-6)**

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 Advanced Course 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 Cultural Competency (CC) requirement. **Prerequisites:** [MILS3010](#)

**MILS4010 Developing Adaptive Leaders (3)**

In this course cadets will learn to identify the responsibility of key staff roles and use situational opportunities to teach, train, and develop subordinates. This course develops proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing leadership performance feedback to subordinates. Cadets assess risk, make ethical decisions, and coach fellow ROTC cadets. **Prerequisites:** [MILS3010](#), [MILS3020](#)

**MILS4020 Leadership in a Complex World (3)**

This course focuses on the dynamics of leading in the complex situations of current military operations in the contemporary operating environment. It will also examine the differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. Much of the curriculum is centered around aspects of interactions with non-government organizations, civilians on the battlefield, and host nation support. **Prerequisites:** [MILS4010](#)

**MILS4960 Military Science Internship (1)**

This internship will allow cadets to apply skills acquired throughout their time in Army ROTC to further prepare them for commissioning as officers in the Army, Army Reserves, and Army National Guard. Prior to commissioning into the Army students will have completed the senior level requirements for the minor in Military Science. **Prerequisites:** [MILS4010](#), [MILS4020](#), and instructor approval

## Music Course Description(s)

**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-fege 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, including both the western and the non-western traditions.

**MUSC1200 Beginning Music Theory I (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 I Laboratory (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 II Laboratory (1)**

A further study and application of aural skills, including sight-singing, rhythmic dictation, melodic and harmonic dictation. **Prerequisites:** [MUSC1200](#) **Corequisites:** [MUSC1220](#)

**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, and digital recording as well as hands-on work in mixing and sound reinforcement. Offered each fall semester.

**MUSC2020 Survey of Performing Arts (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.

**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 Worship Arts (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 Worship Arts and Leadership (3)**

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 I Lab (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 II Lab (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.

**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. **Prerequisites:** Instructor's approval

**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 Combos (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

**MUSC2460 Wind Ensemble (0-1)**

Most woodwind, brass, and percussion instruments are represented in the Wind Ensemble. Membership is open to majors and proficient non-majors. May be repeated for credit. Auditions each year may assist in chair placement. Offered: Each semester. **Fees:** Additional fee required. **Prerequisites:** Instructor's approval

**MUSC2490 University 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 (1)**

Hands-on experience managing a large ensemble through a tour or travel event, or a small ensemble through several performances, or managing an on-campus event like a festival or artist-in-residence visit. Management considerations include logistics, budgets, travel, meal, housing, and equipment needs for music groups. May be repeated for credit. Offered: Each semester. **Prerequisites:** Instructor's approval

**MUSC2960 Field Experience in Audio Production (1)**

Hands-on experience mixing and producing live sound in a performing arts venue and/or recordings in a studio environment. Audio engineering considerations include logistics, technology, communication, and equipment needs for a variety of music and/or other groups. May be repeated for credit. Offered: Each semester. **Prerequisites:** Instructor's approval

**MUSC3096 Field Experience in Worship Arts (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.



**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 spring odd 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. **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. **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. **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 Studio and Live Sound (3)**

Designed to teach the technical aspects of live or studio multi-track recording, mixing, mastering, and producing analog and digital audio and MIDI data. Lecture, discussion, and demonstration formats, combine with student presentations using supporting recordings. Offered alternate years, normally Spring even numbered 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 approval.

**MUSC4430 Jazz Combos (0-1)**

A jazz ensemble with vocalists and instrumentalists chosen by audition, with a broad repertoire of jazz and popular music. May be repeated for credit. **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

**MUSC4460 Wind Ensemble (0-1)**

The Northwest Nazarene University Wind Ensemble 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

**MUSC4490 University 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

**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.

**MUSC4980 Seminar: Music Business Management (3)**

Topics researched and discussed in this seminar will include producing and selling a musical recording, creating and managing a recording label, marketing and promotion and copyright issues. Offered: Alternate years, normally Spring even numbered years.

## Natural Science Course Description(s)

**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

# Nursing Course Description(s)

## **NURS1000 Introduction to the Profession of Nursing (1)**

An introduction to the profession of nursing and the uniqueness of nursing in health care delivery. The origins, scope, and levels of nursing will be explored in relation to the current healthcare environment and will help students explore nursing as a possible career path. This course is required for admission to the BSN program.

## **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.

## **NURS2015 Foundations of Professional Nursing and Nursing Care of the Older Adult (4)**

There are two modules to this course. The first module introduces 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 needs 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 and clinical experiences are 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.

## **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 rotations will include experiences with the multidisciplinary team. Clinical/Nursing lab component. **Fees:** Additional fee required. **Prerequisites:** [NURS2015](#), [NURS2000](#), [BIOL2420](#), [BIOL2420L](#), [PSYC2100](#) **Corequisites:** [KI NE2730](#), [BIOL3820](#)

## **NURS2100 Medical Terminology (1)**

An independent study, with online quizzes, designed to prepare students for comprehension and utilization of medical terminology in health professions. This course is required for admission to the BSN program.

## **NURS3010 The Childbearing Family (3)**

Focuses on health promotion for the perinatal client and family including the newborn in the acute care and community setting. Evidence based nursing care of the childbearing families with application of pharmacology, physiology and pathophysiology. Women's health is a component of this course. 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 and pathophysiology pertaining to childrearing families will be incorporated. Clinical/Nursing Lab component. **Fees:** Additional fee required. **Prerequisites:** [NURS3010](#), [NURS4010](#), [NURS4030](#)

**NURS3020 Mental Health (3)**

This course focuses on the nursing 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:** [KINE2730](#), [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:** [KINE2730](#), [NURS2030](#), [NURS3040](#), [BIOL3820](#)

**NURS3040 Pharmacology (3)**

This course explores pharmacodynamics, pharmacokinetics and age-span considerations in pharmacology. The mechanisms of action, therapeutic uses, potential adverse effects and nursing implications of major drug classifications are examined through the consideration of prototype drugs. Complementary and alternative therapies are included. **Prerequisites:** [NURS2015](#), [NURS2000](#), [BIOL2420](#), [BIOL2420L](#) **Corequisites:** [BIOL3820](#)

**NURS4000 Medical Surgical Nursing: Complex Health Needs (5)**

The impact of multifactorial complex health needs will be explored. Critical thinking, evidence-based practice, and nursing management of clients pertaining to 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:** [NURS4010](#), [NURS3010](#), [NURS4030](#) **Corequisites:** [NURS3015](#)

**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. This is a hybrid course with a clinical component. Fulfills a general education cultural competency requirement. **Fees:** Additional fee required. **Prerequisites:** [NURS3020](#), [NURS3030](#) **Corequisites:** [NURS3010](#), [NURS4030](#)

**NURS4020 Leadership and Management in Professional Nursing (3)**

Focus on the development and improvement of leadership and management skills as applied within professional nursing practice. Topics will include quality, organizational cultures, leadership and management styles. Students will apply team building concepts through negotiation, collaboration, coordination and conflict resolution exercises. Additionally, students will be provided a thorough review of healthcare systems and policy. **Prerequisites:** [NURS3015](#), [NURS4000](#)

**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 Subjects Protections training to learn the policies protecting individuals participating in research is included in this course. This is a hybrid course delivery. **Prerequisites:** [MATH2240](#), [NURS3020](#), [NURS3030](#), [ENGL1030A](#) or [ENGL1030B](#)

**NURS4040 Transition to Professional Nursing Practice/Capstone (6)**

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 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 (1-2)**

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

## Off Campus Course Description(s)

**OCAM1094 Special 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 Special 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 Special 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 Special 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.

## Philosophy Course Description(s)

**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.

**PHIL2030 Quest for the Good Life (3)**

In Quest for the Good Life, you'll have the opportunity to wrestle with the big questions about how to live and what makes your life meaningful. The course tackles such issues as personal identity (who am I?), how do I know what I know, what moral obligations do I have, how can I live a purposeful life, what does the good life look like and what sacrifices should I make for others? We will learn what the Greats like Aristotle, Plato, and Descartes have to say about how to live well. We'll reason through real-world case studies where philosophical considerations underlie major business and life decisions. We will talk in small intensive dialogue groups and in large, raucous debates about how we answer these questions.

**PHIL3010 Deconstructing the Western Mind (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 Systems of the World (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 Special Topics in Philosophy (1-3)**

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.

**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)**

For PHIL3620. 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 (cosmology and the big bang, macroevolution, and quantum physics) and how these theories impact Christian theology. Key questions undergirding the course are: 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 Relativity and Disaster (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 Experiencing God (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.

# Physics Course Description(s)

## **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 to fulfill general education requirement. No prior knowledge of science is assumed. Concurrent: 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 to fulfill general education requirements. No prior knowledge of science is assumed. Concurrent: PHYS1010 **Fees:** Additional fee required.

## **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 conjunction with PHYS1060. Observational and laboratory activities are included, some in the evenings. Concurrent: PHYS1060 **Fees:** Additional fee required.

## **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. Concurrent: PHYS1110L **Prerequisites:** [MATH1300](#) College Algebra, [MATH1400](#) Trigonometry or [MATH2510](#) Calculus I.

## **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. Concurrent: PHYS1110 **Fees:** Additional fee required.

## **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. Concurrent: PHYS1120L **Prerequisites:** [PHYS1110](#)

## **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. Concurrent: PHYS1120 **Fees:** Additional fee required.

## **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:

PHYS2110L **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: 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:

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: PHYS2120 **Fees:** Additional fee required.

**PHYS3094 Special 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:

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:

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](#)

**PHYS3500 Statistical Analysis for Physics and Engineering (3)**

This course covers the topic and applications of statistics to physics and engineering. Probability, discrete random variables and probability distributions, continuous random variables and random sampling and data description, point estimation of parameters, statistical intervals for a single sample, and tests of hypotheses for a single sample. Experimental Data Analysis. **Prerequisites:** [MATH2520](#)

**PHYS4610 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](#)

**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:** [PHYS2120](#), [MATH3530](#), [MATH3540](#)

**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:** [MATH3530](#), [MATH3540](#), [PHYS2120](#)

**PHYS4970 Research (1)**

Participation with a faculty member in an individual investigative project or literature review. Required of all 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. **Prerequisites:** [PHYS3130](#), [PHYS3410](#), [PHYS4970](#)

## Political Science Course Description(s)

**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 Special 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.

**POLS3100 Globalization (3)**

An in-depth examination of globalization from political and geographic perspectives. The course includes study of historical eras of globalization but focuses primarily on current issues and challenges. Topics include the economics of globalization, influence of technology on culture and spread of globalization, issues of sovereignty and reactions against globalization. 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.

**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 Law and Human Rights (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, through discussion, and an extended paper of eight to ten pages.

## Practical Theology Course Description(s)

**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 come to serve in their vocation will be considered.

**PRTH1810 Spiritual and Personal Formation I (1)**

This course introduces the student to basic spiritual and personal practices and disciplines associated with those going into vocational ministry. Preparation for serving in a local church will be included in this course.

**PRTH1820 Spiritual and Personal Formation II (1)**

This course continues the study and practices begun in PRTH1810. Students will develop some consistent habits and practices that will help them be successful as persons and future ministers.

**PRTH2094 Topics in Evangelism (1-3)**

An examination of some phase of evangelism not covered in other courses. May be repeated for credit.

**PRTH2420 Missional Church I: Intercultural and Global Perspectives (3)**

An introduction to the study of the Christian church in its mission. Attention will be given to biblical and theological foundations, historical perspectives, and cultural dimensions of the mission of the church, with specific attention to intercultural and global perspectives regarding that mission. This course will include a study of Christian missions and its current role with contemporary global ministries. A field trip is a required part of the course. **Fees:** Additional fee required.

**PRTH2810 Spiritual and Professional Formation I (1)**

This course focuses on the development of specific spiritual and professional practices as they relate to the Christian life and vocational ministry. Students will be expected to serve in a local church context. Included will be some specific assessments through the Personal Development Lab that is attached to this course (PRTH2810L). **Corequisites:** [PRTH2810L](#)

**PRTH2810L Spiritual and Professional Formation Lab (0)**

Students in this lab meet in person or online with a student in NNU's graduate counseling program for the interpretation of their California Psychological Inventory (CPI) results and a formative assessment of their personal development with respect to theological studies and vocational ministry. Successful completion of this lab is required for graduation. Grade of Pass/Fail. **Corequisites:** [PRTH2810](#)

**PRTH2820 Spiritual and Professional Formation II (1)**

This course is a continuation of PRTH2810.

**PRTH3094 Special Topics in Practical Theology (1-3)**

An examination of some phase of practical theology not covered in other courses. May be repeated for credit.

**PRTH3220 Worship Theory and Development (3)**

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.

**PRTH3710 Preaching (3)**

A study of the preparation and delivery of sermons within the context of worship; includes preaching practice. **Prerequisites:** Instructor's approval

**PRTH3770 Pastoral Care and Counseling (3)**

This course will explore pastoral care in two dynamic forms. The first relates to the ability of pastors to care for their own selves. The second is closely related to the first by focusing on a pastor's ability to provide spiritual and whole-person care for others. The course focuses on basic styles of pastoral counseling, congregational care ministries, and the internal discipline of pastoral self-care in addition to the pastor's external role as both a spiritual counselor and guide for those who require more advanced professional support.



**PRTH3810 Spiritual and Ministry Formation I (1)**

This course continues to focus on the spiritual development of the student in relation to one's call to ministry, but also seeks to develop and nurture specific ministry skills in local church settings.

**PRTH3820 Spiritual and Ministry Formation II (1)**

This course is a continuation of PRTH3810.

**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 other connected entities. **Fees:** Additional fee required.

**PRTH4720 Missional Church II: Local Church Perspectives (3)**

A continuing study of the Christian church in its mission, with special emphasis on church health, growth, and worship as related to contemporary conversations in ecclesiology. Attention will be given to the observation and study of church and community, both historical and contemporary. This course will also deal with the socialization and dynamics of the church to culture and how these affect ministry in the twenty-first century. A field trip may be required. **Fees:** Additional fee required. **Prerequisites:** [PRTH2420](#)

**PRTH4810 Spiritual and Leadership Formation (1)**

This course focuses on assisting students in developing and utilizing leadership skills in the context of ministry.

**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](#), or instructor's approval

## Psychology Course Description(s)

**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 vitae, 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](#)

**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 PSYC3960.

**PSYC3094 Special 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:** [PSYC2215](#), and six prior credits in psychology or a related field. **Corequisites:** [PSYC2245L](#)

**PSYC3701 Contemporary Approaches in Child and 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](#)

**PSYC3850 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 as background: BIOL2010, BIOL2030, or BIOL2230 **Corequisites:** [PSYC3850L](#)

**PSYC3850L Biological Foundations of Behavior Laboratory (1)**

An examination of the basic processes underlying brain function and behavior. Major emphasis will be placed on brain function and structure and neurological anomalies in the brain. **Fees:** Additional fee required. **Corequisites:** [PSYC3850](#)

**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 approval.

**PSYC3970 Advanced Research in Psychology (1-2)**

Over the course of 3 credits, the student will develop independent research with the supervision of a professor and cooperation of a senior research student. Course should be taken 1 credit at a time (but a student may sign up for 2 credits with advisor's permission) for a minimum of 3 credits total. May be repeated for a maximum of 4 credits. **Prerequisites:** [PSYC2215](#)

**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 CRIM4010, HUMN4010, SPAN4010)

**PSYC4110 Psychology of Learning (3)**

An examination of the basic principles and theories of learning with major attention given to the problems of human learning and memory. **Prerequisites:** 9 credits in psychology

**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. Fulfills a General Education Cultural Competency (CC) requirement. **Prerequisites:** [PSYC1550](#) or [CLTA1550](#)

**PSYC4350 Personality Theory (3)**

A study of the development, structure, and modification of human personality. Modern theories of personality are submitted to critical analysis. **Prerequisites:** 6 credits in psychology

**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 interrelationships of individuals and their social environments, including the methods of investigation and some of the theories and findings of the field of social psychology. **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 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 affects cognition and behavior, situations that can lead to deviations 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

## Religious Studies Course Description(s)

**REST3094 Special Topics in Religious Studies (1-3)**

An examination of some phase of religious studies not covered in other courses. May be repeated for credit.

**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](#)

## Social Work Course Description(s)

**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.

**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 Cultural Competency (CC) requirement. **Prerequisites:** [POLS1030](#), [CLTA1550](#) or [CLTA3200](#), or instructor's approval, Program admission.

**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 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. **Prerequisites:** [SOWK2110](#) or instructor's approval, Program admission.

**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.

**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.

**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.

**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. **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. **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 influencing the development of policies will be studied. **Prerequisites:** [SOWK2110](#), Program admission.

**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.

**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.

**SOWK4094 Special 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.



**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

## Spanish Course Description(s)

**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 Cultural Competency (CC) requirement.

**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 Cultural Competency (CC) requirement. **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 Cultural Competency (CC) requirement. **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 Cultural Competency (CC) requirement. **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 Cultural Competency (CC) requirement. **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. Fulfills a General Education Cultural Competency (CC) requirement. **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 World 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. **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 CRIM4010, HUMN4010, PSYC4010)

**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.

## Study Skills Course Description(s)

**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 (1)**

A self-study course of word processing concepts. This course will be graded pass/fail.

**STSK1330 Computer Applications- Introduction to Excel (1)**

A self-study course of spreadsheet concepts. This course will be graded pass/fail.

**STSK1350 Computer Applications- Introduction to Power Point (1)**

A self-study course of electronic presentation concepts. This course will be graded pass/fail.

**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.

**STSK1590 Academic Coaching for Effectiveness (1)**

Through academic coaching, students will connect deeper to their own development of self-knowledge and learning in order to improve their effectiveness in school and in a career creating significant outcomes for their lives.

**STSK1610 English Strategies (1)**

An individualized study of English writing conventions necessary to develop effective prose writing.

**STSK1710 Personal Finance for College Students (1)**

A self-study course to guide college students toward good financial stewardship. This course will be graded pass/fail.

**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.

**STSK3220 Writing Consulting (0-1)**

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

## Theology Course Description(s)

**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 Special Topics in Theology (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 (cosmology and the big bang, macroevolution, and quantum physics) and how these theories impact Christian theology. Key questions undergirding the course are: 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)

**THEO3630 Exploring Western World Religious Traditions (3)**

A historical and theological exploration of the dominant Western (Islam, Judaism) world religions and selected Christian sectarian movements. Special attention is given to student participation in field trips and to the issue of religious pluralism. Fulfills a General Education Cultural Competency (CC) requirement. **Prerequisites:** [BIBL1100](#), [THEO2100](#), or instructor's approval

**THEO3640 Exploring Eastern World Religious Traditions (3)**

A historical and theological exploration of the dominant Eastern (Hinduism, Buddhism, Taoism, and Confucianism) world religions. Special attention is given to student participation in field trips and to the issue of religious pluralism. **Prerequisites:** [BIBL1100](#), [THEO2100](#), or instructor's approval

**THEO3700 Social Justice in the Christian Tradition (3)**

The virtue of justice has deep roots in Christian Scripture, philosophy, and the Christian theological tradition as an essential feature of a society ordered toward the common good. What does justice look like in the tradition of Christian thought? What makes a just society? How might Christians actively contribute to a society that is more just? This course encourages students to explore such questions through Scripture, the church's theological heritage, and engagement with the work of active practitioners today. **Prerequisites:** [BIBL1100](#), [THEO2100](#), or instructor's approval

**THEO3710 Church, Culture, and Christian Living (3)**

This course focuses on relationship of Christian faith to culture. In the past, Christians have tended to think about the need to be prepared to have various responses (a la Niebuhr) to "culture," this course will offer an additional alternative to students: the church as culture and Christians as culture makers. So, although the course will give students ways to further discern the nature of the surrounding culture(s), the course will also focus on participating in the divine, co-creational command to "fill the earth" with God-glorifying culture. The course will also help them think about their future as God-honoring culture makers. **Prerequisites:** [THEO2100](#)

**THEO3730 Theology and Practice of Compassion (3)**

A study of the theology and practice of compassion and social holiness as expression of lives of Christian stewardship. This course will consider the history and current expressions of compassionate ministry as it relates to the Christian faith. Service projects will be required parts of the course. Fulfills a General Education Cultural Competency (CC) requirement. **Fees:** Additional fee required. **Prerequisites:** [THEO2100](#)

**THEO3740 Theology and Practice of Spiritual Formation (3)**

A study of the theology and practice of spiritual formation as part of Christian discipleship and faithfulness. This course will consider the history and current practices of spiritual formation within the Christian traditions and how that relates to serving others in the world. **Fees:** Additional fee required. **Prerequisites:** [THEO2100](#)

**THEO3810 Christianity in Europe (3)**

This course will look specifically at ecclesiology and sacraments in light of the Wesleyan historical tradition. This course will offer an opportunity to experience and engage the church throughout European context as well as visit important Wesleyan historical sites. **Fees:** Additional fee required. **Prerequisites:** [THEO2100](#)

**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:** Two courses in theology, or instructor's approval

**THEO4550 Systematic 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, God, humanity, sin, theodicy, and holiness. **Prerequisites:** [BIBL1100](#), [THEO2100](#), [CHIS3630](#)

**THEO4560 Systematic 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 God and creation, soteriology, eschatology, and Christian life and ethics. **Prerequisites:** [BIBL1100](#), [THEO2100](#), [CHIS3630](#)

**THEO4570 Systematic Theology III (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 Trinity, Christology, pneumatology, ecclesiology, and sacraments. **Prerequisites:** [BIBL1100](#), [THEO2100](#), [CHIS3630](#)

**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.

## Theater Course Description(s)

**THTR1260 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.

**THTR1270 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.

**THTR2260 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. **Prerequisites:** [THTR1260](#), or instructor's approval

**THTR2470 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 theater production than participation in a play or musical can provide. May be repeated for credit. **Prerequisites:** Audition, or instructor's approval

**THTR2480 Theater 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

**THTR4470 Troupe (0-2)**

Auditioned ensemble which will form the core of NNU's theater 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 theater production than participation in a play or musical can provide. May be repeated for credit. **Prerequisites:** Audition, or instructor's approval

**THTR4480 Theater 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:** Audition, or instructor's approval

# University Organization

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Assistant to the President for Congregational Engagement: Jay Akkerman

University Chaplain: Grant Miller

### **Athletics:**

Athletic Director: Kelli Lindley

Associate Athletic Director for Compliance and Student Affairs/SWA: Alison Larson

Assistant Athletic Director for Sales and Development: John Galloway

Assistant Athletic Director for Special Projects: Craig Stensgaard

Director of Facilities and Events: Greg Casper

Assistant Director for Athletic Services: Molly Kling

Director of Athletics Communications: Josh Burkholder

Head Athletic Trainer: Jaime May

Contract Athletic Trainer: Todd Johnston

Faculty Athletic Representative: Pete Crabb

Baseball, Head Coach: Joe Schaefer

Baseball, Assistant Coaches: Matt Hollod, Billy Newbery, Sean Rooney

Basketball, Men's Head Coach: Paul Rush

Basketball, Men's Assistant Coaches: Jon Hawkins, Chris Foss, Levi Stuart

Basketball, Women's Head Coach: Steve Steele

Basketball, Women's Assistant Coach: Stacey Lukasiewicz

Golf, Men's and Women's Head Coach: Craig Stensgaard

Golf, Men's and Women's Assistant Coaches: Fred Sutton, TBD

Soccer, Men's Head Coach: John Powell

Soccer, Men's Assistant Coaches: Adam Miller, Dane Manley

Soccer, Women's Head Coach: Mary Trigg

Soccer, Women's Assistant Coaches: Brittany Houghton, John Hawks

Softball, Head Coach: Rich Wagner

Softball, Assistant Coaches: Jason Lamont, Hallie Swanson

Track and Field/Cross Country, Men's and Women's Head Coach: Daniel Bowman

Track and Field/Cross Country Assistant Coaches: Jeff Eastman, Ben Gall, John

Mahr, HarLee Ortega, Micah Tranch

Volleyball, Head Coach: Doug English

Volleyball, Assistant Coaches: Jessie Bartlow, Hailey Bland, Dee Shefa

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Honors College: Darrin Grinder, Director

**College of Behavioral & Social Sciences:** Lawanna Pierce, Dean

Counselor Education: Lori Fairgrieve, Chair

Psychology: Elizabeth List, Chair

Social Work & Criminal Justice: LeAnn Stensgaard, Chair

**College of Business:** Bill Russell, Dean

Konya Weber, Associate Dean; Chair

Joshua Jensen, Director of Graduate Studies

**College of Education:** LoriAnn Sanchez, Dean

Heidi Curtis, Graduate Chair

Holly Ripley, Undergraduate Chair; ACE Director

Christa Sandidge, Director, Center for Professional Development:

**College of Natural & Applied Sciences: Jamee Nixon, Dean**

**Academic Departments**

Biology: John Cossel, Chair

Chemistry: Tim Anstine, Chair

Kinesiology: Scott Kinnaman, Chair

Mathematics & Computer Science: Barry Myers, Chair

Physics & Engineering: Stephen Parke, Chair

Military Science: Sergeant First Class Jordan Etchells, Director

**College of Nursing: Linda Valenzuela, Dean**

Rebekkah Hulen, Chair

Christy Bayes, Co-director of FNP

Bethany Mello, Co-director of FNP

TBD, Director of MSN Leadership and Education & RN-BSN Program

**College of Theology & Christian Ministries: Brent Peterson, Dean**

**Philosophy & Religion**

Richard Thompson, Chair; Director of Wesley Center

TBD, Director of Graduate School of Theology

**Graduate and Professional Studies: TBD, Dean**

**Undergraduate Programs**

Business: Joshua Jensen, Director

Associate of Arts in Accounting

Bachelor of Science in Accounting

Associate of Arts in Business Administration

Bachelor of Science in Business Administration

Christian Ministry: Joseph Gorman, Director

Associate of Arts in Christian Studies

Bachelor of Arts in Christian Ministry

Course of Study: Richard Thompson, Interim Director

General Studies: Dennis Waller, Director

Associate of Arts in Liberal Studies

Bachelor of Arts in Applied Studies

Bachelor of Arts in Liberal Studies

Education: Holly Ripley, Director

Associate of Arts in Elementary Education

Bachelor of Arts in Elementary Education

Associate of Arts in Secondary Education

Nursing: TBD, Director  
Bachelor of Science in Nursing

### **Graduate Programs**

Business: Joshua Jensen, Director  
Master of Business Administration  
Master of Accountancy  
Counseling: Lori Fairgrieve, Chair  
Master of Science, School Counseling Track: TBD  
Master of Science, Marriage, Couple and Family Counseling Track: Lori Fairgrieve, Director  
Master of Science, Clinical Mental Health Counseling Track: Rick Boyes, Director  
Education: Heidi Curtis, Chair  
Master of Education  
Curriculum, Instruction, and Innovation: Amy Ackley, Director  
Educational Leadership/Special Education: TBD, Director  
Exceptional Child: Lisa Amundson, Director  
Education Specialist: TBD, Director  
Doctor of Education: Bethani Studebaker, Director  
Doctor of Philosophy: Bethani Studebaker, Director  
Nursing  
Master of Science in Nursing:  
Family Nurse Practitioner: Bethany Mello and Christy Bayes, Co-Directors  
Nursing Leadership and Education: Linda Valenzuela, Director  
Social Work  
    Master of Social Work: John Stennett, Director  
Theology and Christian Ministries: Brent Peterson, Dean of the College of Theology & Christian Ministries  
    Master of Arts in Pastoral Ministry: TBD, Director  
    Master of Divinity and Master of Arts in Youth, Children, and Family: Mike Kipp, Director  
    Master of Divinity and Master of Arts in Missional Leadership: TBD, Director  
    Master of Divinity and Master of Arts in Spiritual Formation: TBD, Director  
    Christian Ministry Online: Joseph Gorman, Director

**Academic Services:** Duane Slemmer, Dean  
Center for Academic Success and Advising: Heidi Tracht, Director  
Instructional Design and Technology: Bethany Schultz, Director  
Library Services: Amy Rice, Director  
Registrar: Ann Crabb

**Office of Admissions**

Chief Admissions Officer: Stacey Berggren

**Admissions: Graduate and Professional Programs**

Director: TBD

Admissions Counselors: Christy Gilliam, Lindsay Kuhl, Toby Schmidt, Lauren Wuertz

**Admissions: Traditional Undergraduate**

Director: Rich Vasquez

Assistant Director: Jim Butkus

Senior Admissions Counselors: Maggie Alcaraz, Christian Rohnert

Admissions Counselors: Parker Akkerman, Noah Daniels, Leslie Gangwer, Olivia MacDonald

Campus Visit Coordinator: Stephanie Gunstream

**OFFICE OF FINANCE AND OPERATIONS**

Vice President for Finance and Operations: Steven D. Emerson

Controller: John Greentree

Assistant Controller: Karmen McKellips

Campus Store/Post Office: Gail Walker, Manager

Conferences and Events: Brian Kohagen, Director

Facilities: Eric Jackson, Director

Financial Aid: Dwight Berreth, Interim Director

Food Service: Andrew Chaplin, Director

Human Resources: Heidi Powers, Director

Information Technology Services: Todd Baker, Director

**OFFICE OF STUDENT LIFE**

Vice President for Student Life: Karen Pearson (Interim)

**Student Life**

Campus Safety: Scott Chandler, Director

Career Development: Amanda Marble, Director

Community Life: TBD

Counseling: Malinda Yellon, Director, Julie Barrass Residential Life:

Corlett Hall: Robert Poe

Culver Hall: Greyson Kilgore

Dooley Hall: Kylee Ball

Ford Hall: Taylor Chapple Atkins

Kirkeide Apartments: Jeb Anderson  
Olsen Apartments: Jeb Anderson  
Sutherland Hall: Tim Streight  
Health Services: Dr. Bryon Hemphill, Director

## **OFFICE OF EXTERNAL RELATIONS**

Vice President for External Relations: Mark J. Wheeler

### **University Advancement**

Associate Vice President for Advancement: TBD  
NNU Foundation, Inc.: Mark J. Wheeler, Executive Director  
Alumni Relations: Darl Bruner, Director  
Alumni Relations: Zach Marble, Associate Director  
Estate and Gift Planning: Robert Depew  
Corporate and Foundation Relations: Bryon Knight, Director  
Scholarship Gifts: Amy Shingler, Director  
University Fund: Judi Jahn, Director  
Advancement Services Specialist: Julie Christopher  
Advancement Operations Coordinator: TBD

### **Marketing and Public Relations**

Associate Vice President for Marketing and Relations: Mark B. Cork  
Brand Stewardship: Kendra Lubiens, Director  
Marketing: TBD, Director  
Marketing Technologies: Zac Vineyard, Director  
Media Relations: Robert O'Donahue, Director  
Communications Manager: Melissa Smith  
Content Strategist: Stephanie Thomlinson  
Copywriter & Social Media Manager: Carolyn St. Mary  
Graphic Designer and Photographer: David Kohagen  
Operations Manager: Sydney Knight  
Video Services Manager: Ryan Bidinger

## Faculty

**Amy C. Ackley (2014- ), Assistant Professor of Graduate Education**

B.A., M.Ed., Ed.S., Ph.D., Northwest Nazarene University

**M. Brooke Adamson (2002- ), Assistant Professor of Communication**

B.A., Northwest Nazarene University; M.A., Boise State University; Ed.S., Northwest Nazarene University

**David Adkins (2021- ), Assistant Professor of English**

B.A., University of Central Arkansas; M.A., The Pennsylvania State University; Ph.D., University of Toronto

**Georgianna Ainslie (2021- ), Assistant Professor of Nursing**

B.S.N., Seattle University School of Nursing; M.S.N., Philadelphia University; D.N.P., Frontier Nursing University

**Jay Akkerman (2004- ), Assistant to the President for Congregational Engagement**

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; D.Min., Asbury Theological Seminary

**Donna M. Allen (2004- ), Professor of Communication**

B.A., M.A., Eastern Nazarene College; M.A., Ph.D., University of Connecticut

**Steffanie Altenbern (2019- ), Assistant Professor of Social Work**

B.S., Spring Arbor University; M.S.W., Metropolitan State College of Denver

**Jacob Amundson (2021- ), Associate Professor of Art**

B.A., Greenville College; M.F.A., Azusa Pacific University

**Lisa Amundson (2020- ), Associate Professor of Graduate Education**

B.S., Greenville University; M.Ed., Ph.D., University of Missouri

**Tim Anstine (1999- ), Associate Professor of Chemistry**

B.A., Point Loma Nazarene University; Ph.D., University of Nevada

**Joseph Bankard (2007- ), Professor of Philosophy**

B.A., Point Loma Nazarene University; M.A., San Diego State University; Ph.D., Claremont Graduate University

**Mike Bartlett (2013- ), Assistant Professor of Graphic Design**

B.A., Northwest Nazarene University, M.F.A., Academy of Art University

**Christine Bayes (2018- ), Assistant Professor of Nursing**

B.S.N., M.S.N., D.N.P., Idaho State University

**Catherine Becker (2016- ), Assistant Professor of Academic Success & Advising; English**

B.A., Northwest Nazarene University; M.A., Mercy College; Ph.D., Idaho State University

**Rodney G. Birch (2017- ), Librarian**

B.A., Vennard College; M.I.S.L.T., University of Missouri-Columbia; Ed.D., Olivet Nazarene University

**Rick Boyes (2014- ), Assistant Professor of Counselor Education**

B.S., Boise State University; M.A., Ph.D., Idaho State University

**Duke Bulanon (2011- ), Associate Professor of Engineering**

B.S., University of San Carlos, Philippines; M.S., Ph.D., IWATE University, Japan

**David Chaplin (2009- ), Professor of Economics**

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; M.S., University of Manchester; Ph.D., Yale University

**Justin Clardie (2014- ), Professor of International Relations**

B.A., Olivet Nazarene University; M.A., Indiana State University; Ph.D., University of Wisconsin-Milwaukee

**Jason Colwell, (2013- ), Associate Professor of Mathematics**

B.S., M.S., University of Alberta, Canada; Ph.D., California Institute of Technology

**John Cossel, Jr. (1999- ), Professor of Biology**

B.A., Northwest Nazarene University; M.S., Oregon State University; D.A., Idaho State University

**Dave Covington (2018- ), Chief Retention & Persistence Officer**

B.A., Prairie College, Canada; M.B.A., Corban University; Ed.D., Trevecca Nazarene University

**Ann Crabb (2020- ), Registrar**

B.A., Eastern Washington University; M.B.A., M.S.H.A., University of Colorado

**Peter Crabb (2000- ), Professor of Economics**

B.A., Michigan State University; M.B.A., University of Colorado at Boulder; M.S., Ph.D., University of Oregon

**Jan Crabill (2006- ), Associate Professor of Nursing**

B.A., Eastern Nazarene University; B.S.N., Boston University; M.S.N., Catholic University of America; Ph.D., Capella University

**Heidi Curtis (2013- ), Associate Professor of Graduate Education**

B.A., M.Ed., Ed.S., Ph.D., Northwest Nazarene University

**John Dally (2021- ), Professor of Music Education**

B.A., Point Loma Nazarene University, M.M., American Band College-Sam Houston State University of Huntsville, D.M.A., Boston University

**Joshua Daniels (2021- ), Associate Professor of Nursing**

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B.A., M.S., Northwest Nazarene University

**Steven D. Emerson (2017- ), Vice President for Finance & Operations**

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**Marcella Enos (2021- ), Associate Professor of Education**

B.S., M.S., Montana State University; Ed.D., Idaho State University

**Lori Fairgrieve (2007- ), Professor of Counselor Education**

B.A., Biola University; M.A., Azusa Pacific University; Ph.D., University of Southern California

**Ben Gall (2011, 2018- ), Associate Professor of Kinesiology**

B.S., M.T.E., Eastern Oregon University; D.E., Capella University

**Tricia Garcia (2020- ), Associate Professor of Nursing**

B.S.N., Point Loma Nazarene University; M.S., Trident University; M.S., Eisenhower School for National Security and Resource Strategy

**Amy S. Gilles (2013- ), Assistant Professor of Studio Art**

B.A., Hope College; M.F.A., University of Illinois

**Joseph Gorman (2010- ), Professor of Practical Theology; Director of Undergraduate Online Education**

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; D.Min., Fuller Theological Seminary

**Joshua Griffin (2013- ), Associate Professor of Engineering**

B.S., LeTourneau University; M.S., Ph.D., Georgia Institute of Technology

**Darrin L. Grinder (1999- ), Professor of English**

B.A., University of Michigan-Flint; M.A., D.A., Idaho State University

**Dale Hamilton (2013- ), Associate Professor of Computer Science**

B.S., Seattle Pacific University; M.S., University of Montana; Ph.D., University of Idaho

**Sheryll Hampton (2017- ), Assistant Librarian**

B.A., Northwest Nazarene University; M.L.I.S., San Jose State University School of Information

**Jerry Harris (2003- ), Professor of Chemistry**

B.A., B.S., Northwest Nazarene University; Ph.D., Texas A&M University

**Bethany Hazel (2018- ), Assistant Professor of Nursing**

B.S.N., Wichita State University; M.S.N., Western Governors University

**Jennifer Hill (2013- ), Associate Professor of Education**

B.A., M.S., Ed.S., Ed.D., Northwest Nazarene University

**David Hille (2018- ), Assistant Professor of Biology**

B.A., Northwest Nazarene University; M.S., Ph.D., University of Oklahoma

**Ayokunle Hodonu (2016- ), Assistant Professor of Biology**

B.S., M.A., Boise State University; D.A., Idaho State University

**Jayoung Hong (2021- ), Associate Professor of Music**

B.M., Dongduck Women's University, M.M., D.M.A., University of Missouri-Kansas City, D.M.A., University of Kansas

**Rebekkah Hulen (2020- ), Associate Professor of Nursing**

B.A., Northwest Nazarene University; A.S.N., Regents College; B.S.N., Boise State University; M.S.N., Regis University

**Joshua D. Jensen (2016- ), Associate Professor of Business**

B.S., University of La Verne; M.P.A., California State University, Northridge; M.B.A, Northwest Nazarene University; Ed.D., Nova Southeastern University;

**Jennifer King (2021- ), Assistant Professor of Academic Success & Advising**

B.A., Northwest Nazarene University; M.S., Boise State University

**Scott Kinnaman (2007- ), Assistant Professor of Kinesiology**

B.S., Eastern Oregon University; M.S.E.S.S., Boise State University

**R. Paul Kinsman (2007- ), Professor of Art**

B.A., Point Loma Nazarene University; M.F.A., Indiana University Hope School of Fine Arts

**Michael Kipp (2004- ), Professor of Practical Theology**

B.S., California Polytechnic University; M.R.E., Nazarene Theological Seminary; D.Min., Fuller Theological Seminary

**Edward C. Korntved (1994- ), Professor of Mathematics**

B.S., University of Wisconsin-LaCrosse; M.S., Western Kentucky University; Ph.D., Washington State University

**S. Bradley Kurtz-Shaw (2017- ), Vice President for Academic Affairs**

B.A., Greenville College; M.A., Ph.D., University of Illinois at Urbana-Champaign

**Dan Lawrence (2001- ), Professor of Physics**

B.S., Northwest Nazarene University; M.S., Virginia Commonwealth University; Ph.D., Purdue University

**Diane K. Leclerc (1998- ), Professor of Theology**

B.A., Eastern Nazarene College; M.Div., Nazarene Theological Seminary; M.PHL., Ph.D., Drew University

**Maja Ledgerwood (2021- ), Assistant Professor of Social Work**

B.A., M.S.W., Northwest Nazarene University; D.S.W., Capella University

**Jeff Lineman (2000- ), Professor of Business**

B.S., Eastern Nazarene College; M.Div., Nazarene Theological Seminary; M.S., Baker University; Ph.D., Capella University

**Elizabeth List (2013- ), Associate Professor of Psychology**

B.A., M.A., Psy.D., Azusa Pacific University

**Kimberly Lowe (2013- ), Associate Professor of Graduate Social Work**

B.A., California State University; M.S.W., East Carolina University; Ph.D., Regent University

**Sarah Marion (2018- ), Associate Professor of Psychology**

B.A., Northwest Nazarene University; M.A., Ph.D., Fuller Theological Seminary

**Judy L. Marlett (1996- ), Dean, College of Arts & Humanities; Professor of Music**

B.S., Roberts Wesleyan College; M.M., Ithaca College; D.A., Ball State University

**Dean L. Matlock (2015- ), Assistant Professor of Criminal Justice**

B.A., Northwest Nazarene University; M.A., Boise State University

**Kevin McCarty (2019- ), Associate Professor of Computer Science**

B.S., University of California, Riverside; M.S., Ph.D., University of Idaho

**Bethany Mello (2015- ), Associate Professor of Nursing**

B.S.N., Northwest Nazarene University; M.S.N., Walden University; D.N.P., North Dakota State University

**Grant Miller (2021- ), University Chaplain**

B.A., M.A., M.Div, Northwest Nazarene University

**Krista Jo Miller (2021- ) Associate Professor of Musical Theatre**

B.S., Southern Nazarene University; M.F.A., University of Oklahoma

**Philip Miller (2013- ), Professor of Music**

B.M.A., Oklahoma Baptist University; M.M., D.M.A., University of Oklahoma

**Matthew Millsap (2019- ), Assistant Professor of American History**

B.A., M.A., University of Central Arkansas; Ph.D., Baylor University

**Stephen Morgan (2017- ), Assistant Professor of World History**

B.A., Anderson University; M.A., University of Alabama; Ph.D., University of Notre Dame

**Barry L. Myers (1998- ), Professor of Computer Science**

B.S., Southern Nazarene University; M.S., Oklahoma State University; Ph.D., University of North Texas

**Crystal Nielsen (2018- ), Assistant Professor of Instructional Design & Technology**

B.A., Point Loma Nazarene College; M.A., San Diego State University

**Jamee C. Nixon (2007- ), Dean, College of Natural & Applied Sciences; Associate Professor of Biology**

B.S., Northwest Nazarene University; M.S., University of Southern Maine; Ph.D., University of Oklahoma Health Sciences Center

**Daniel F. Nogales (1994- ), Professor of Chemistry**

B.A., Point Loma Nazarene University; Ph.D., University of Nevada, Reno

**Sara O'Connor (2020- ), Assistant Professor of Nursing**

B.S., Cal Poly State University/Portland State University; A.S.N., Boise State University; M.S.N., Idaho State University

**Stephen 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

**Benjamin Pearson (2019- ), Assistant Professor of Physics**

B.S., Northwest Nazarene University; M.S., Ph.D., University of Oklahoma

**Brent D. Peterson (2007- ), Dean, College of Theology & Christian Ministries; Professor of Theology**

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary;

Ph.D., Garrett-Evangelical Theological Seminary

**Lawanna Pierce (2002- ), Dean, College of Behavioral & Social Sciences; Professor of Graduate Social Work**

B.A., Northwest Nazarene University; M.S.W., Roberts Wesleyan College; Ph.D., University of Texas, Austin

**E. Michael Poe (1997- ), Professor of Graduate Education; Director of Educational Leadership/Special Education**

B.A., Northwest Nazarene University; M.Ed., The College of Idaho; Ed.S., Ed.D., University of Idaho

**Autumn Pratt (2021- ), Assistant Professor of Engineering**

B.S., University of Idaho; M.S., Ph.D., Cornell University

**Amy C. Rice (2014- ), Associate Librarian**

B.A., Northwest Nazarene University; M.S.L.S., Simmons College; M.A., Northwest Nazarene University

**Stephen Riley (2011- ), Associate Professor of Old Testament**

B.A., Southern Nazarene University; M.Div., Ph.D., Southern Methodist University

**Holly Ripley (2018- ), Associate Professor of Education**

B.A., Grove City College; M.A., North Carolina State University; Ed.S., Northwest Nazarene University

**L. Michelle Rowley (2020- ), Assistant Professor of Education**

B.A., M.A., Boise State University

**Kimber Russell (2021- ), Assistant Professor of Business**

B.S., M.B.A., Northwest Nazarene University

**William J. Russell (2002-2016; 2018- ), Dean, College of Business; Professor of Business Law**

B.A., University of Kansas; J.D., University of Denver; M.B.A., Regis University

**Beronica Salazar (2019- ), Assistant Professor of Counselor Education**

B.S., Boise State University; M.S., Northwest Nazarene University; Ph.D., Idaho State University

**Chandra Salisbury (2019- ), Assistant Professor of Counselor Education**

B.A., George Fox University; M.A. Northwest Nazarene University

**LoriAnn Sanchez (2012- ), Dean, College of Education; Professor of Education**

B.A., M.Ed., Northwest Nazarene University; Ph.D., University of Hawaii at Manoa

**Christa Sandidge (2018- ), Assistant Professor of Professional Studies**  
 B.A., M.Ed., Northwest Nazarene University; Ed.D., Trevecca Nazarene University

**Bethany Schultz (2017- ), Assistant Professor of Instructional Design & Technology**  
 B.A., M.Ed., Northwest Nazarene University; Ed.D., Trevecca Nazarene University

**Scott A. Slater (2007- ), Assistant Professor of Graduate Social Work**  
 B.A., Northwest Nazarene University; M.S.W., Walla Walla College

**Duane Slemmer (1986-1989; 1995- ), Dean, Academic Services; Professor of Education**  
 B.A., Northwest Nazarene University; M.S., Western Oregon State University; Ed.D., Boise State University

**Christina Smerick (2019- ), Professor of Philosophy**  
 B.A., Trevecca Nazarene University; M.A., Ph.D., DePaul University

**Joanne Solis-Walker (2020- ), Associate Professor of Practical Theology**  
 B.A., Universidad Interamericana de Puerto Rico; M.Div., Asbury Theological Seminary; Ph.D., Regent University

**Janet Stellway (2017- ), Assistant Professor of Graduate Social Work**  
 B.A., M.S.W., Ed.S., Northwest Nazarene University; Ed.D., Trevecca Nazarene University

**John Stennett (2019- ), Associate Professor of Graduate Social Work**  
 B.S., Grand Canyon University; M.S.W., Northwest Nazarene University

**LeAnn Stensgaard (2001- ), Assistant Professor of Social Work**  
 B.A., Northwest Nazarene University; M.S.W., Walla Walla College

**Julie Straight (2004- ), Professor of English**  
 B.A., Wheaton College; M.A., Ph.D., University of North Carolina at Chapel Hill

**Bethani Studebaker (2015- ), Assistant Professor of Graduate Education**  
 B.A., Idaho State University; M.Ed., Ed.D., University of Idaho

**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

**Annette Thompson (2021- ), Assistant Professor of Nursing**  
 B.S.N., Olivet Nazarene University; M.S.N., Northwest Nazarene University

**Richard P. Thompson (2007- ), Professor of New Testament**  
 B.A., Olivet Nazarene University; M.Div., Nazarene Theological Seminary; Ph.D., Southern Methodist University

**Bethany Townsend (2019- ), Assistant Professor of Counselor Education**  
 B.A., M.A., Adams State University; Ph.D., University of Wyoming

**Heidi Tracht (2010- ), Assistant Professor of Academic Success & Advising**  
B.S., Olivet Nazarene University; M.S., Capella University, Ed.S., Ph.D., Northwest Nazarene 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

**Linda C. Valenzuela (2017- ), Associate Professor of Nursing**  
B.S.N., California State University; M.P.H., Portland State University; M.S.N., Western Governors University; D.N.P., Boise State University

**Devon Van Essen (2011- ), Assistant Professor of English**  
B.A., Northwest Nazarene University; M.A., University of Oregon; M.F.A., Leslie University

**Dennis R. Waller (1982-1986; 1990- ), Professor of Communication Studies**  
B.A., Northwest Nazarene University; M.A., Boise State University; Ed.D., Seattle University

**Whitney Ward (2018- ), Associate Professor of Education**  
B.A., M.Ed., Ed.S., Northwest Nazarene University

**Konya Weber (2001- ), Associate Dean, College of Business; 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

**Mark J. Wheeler (2017- ), Vice President for External Relations/Advancement**  
B.A., M.B.A., Northwest Nazarene University

**B. Joseph Willey (2012- ), Assistant Professor of Academic Success & Advising**  
B.A., M.Ed., Mid-America Nazarene University

**Bonnie J. Zaroban (2009- ), Associate 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

### **Carey Cook (1993-2021), Vice President for Student Life**

B.A., Point Loma Nazarene University; M.Ed., Albertson College of Idaho; Ph.D., University of Idaho

### **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

### **Fred C. Fullerton (2009-2020), Executive Director, Office of University Mission & Ministry**

Th.B., Olivet Nazarene University; M.Div., Nazarene Theological Seminary, D.D., Eastern Nazarene College

### **Kenneth D. Hills (1989-1998), Vice President for Student Development, Psychology**

B.A., Northwest Nazarene University; M.A., Ph.D., University of Wyoming

### **Harold E. Weber (1971-1998), Vice President for Finance and Operations, Business**

B.A., Northwest Nazarene University; M.B.A., Santa Clara University

## Faculty Emeriti

### **Nancy Ayers (2006-2020), Registrar**

B.A., Arizona State University; M.B.A., Northwest Nazarene University

### **Evelyn Bennett (1977-2005), Academic Support Center**

B.A., Northwest Nazarene University; M.A., Boise State University

### **Gaymon L. Bennett (1971-2006), English**

B.A., Northwest Nazarene University; M.A., California State University-Los Angeles; Ph.D., Washington State University

### **Karen Blacklock (1997-2014), Education**

B.A., Northwest Nazarene University; M.A., Ed.D., Boise State University

### **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

**A. Wendell Bowes (1982-2011), Religion**

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary;  
Th.M., Princeton Theological Seminary; Ph.D., Dropsie College

**Sharon I. Bull (1995-2017), Dean, Academic Services; Library Services**

B.S.L., Canadian Nazarene College; M.L.S., Vanderbilt University; D.A., Simmons  
College

**Dennis D. Cartwright (1985-2006), Education**

B.A., Northwest Nazarene University; M.A., Boise State University; Ed.D.,  
University of Idaho

**Ed Castledine (1982- 2010), Academic Advising and Testing**

B.A., Northwest Nazarene University; M.A.T., Lewis and Clark College

**Raymond M. Cooke (1971-1997), History**

B.A., Northwest Nazarene University; M.A., University of Idaho; Ph.D., University of  
Oregon

**Richard D. Craig (1992-2007), Education**

B.A., 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

**Mary A. Curran (1990-2021 ), Social Work**

B.A., Point Loma Nazarene University; M.Div., Nazarene Theological Seminary;  
M.S.W., Howard University

**Donald L. Davis (1989-2000), Art**

B.A., Northwest Nazarene University; M.F.A., University of Idaho

**Robert R. DeCloss (1986-2012), Mathematics**

B.A., Point Loma University; M.A. Claremont Graduate School; Ph.D., Oklahoma  
State University

**Kevin Dennis (1979-2020), English**

B.A., Northwest Nazarene University; M.A., Idaho State University

**Samuel Dunn (1994-2020), Business**

B.A. Olivet Nazarene University; M.B.A., University of Puget Sound; M.S., Ph.D.,  
University of Wisconsin-Milwaukee; D.B.A., Northcentral University

**William Fyffe (1978-2007), Biology**

B.S., California State University-Long Beach; M.A., Ph.D., University of California-  
Los Angeles

**Ron Galloway (1995-2018), Academic Affairs; Associate Dean; Business**

B.A., Northwest Nazarene University; M.A., Fuller Theological Seminary; M.S.,  
Ph.D., U.S. International University

**Janet Harman (1973-2013), Education**

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

**Kenneth Hills (1989-1999), Psychology**

B.A., Northwest Nazarene University; M.A., Ph.D., University of Wyoming

**Jean Horwood (1969-1992), Physical Education**

B.S., Ursinus College; M.Ed., Temple University

**Barbara S. Howard (1979-2021) Academic Success and Advising**

B.S., Pennsylvania State University; M.A., Boise 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

**Eric Kellerer (1998-2021), Professor of Education; Director of Confucius**

**Institute & Global Outreach**

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; Ed.D., Boise State University

**Barbara Lester (2002-2017), Nursing**

B.S., M.S., University of the Witwatersrand; D.Litt et Phil., University of South Africa

**George Lyons (1991-2013), 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

**Larry McMillin (1986-2012), Education; Extended University Services**

B.A., Northwest Nazarene University; M.Ed., Oregon State University; Ed.D., University of Northern Colorado

**Phyllis McMillin (1979-1982; 1986-2013), Education**

B.A., Northwest Nazarene University; M.Ed., Oregon State University

**Paul Miller (1969-1998), Educational Media, Information Resources**

B.A., Northwest Nazarene University; M.A.T., Michigan State University; Ph.D., University of Wisconsin

**Newell Morgan (1975-2003), Spanish**

B.A., Northwest Nazarene University; M.A., Ph.D., University of New Mexico

**Elizabeth Murtland (1987-1998), Family and Consumer Sciences**

B.A., Northwest Nazarene University; M.S., Utah State University

**Lynn R. Neil (1981-2001), English**

B.A., Northwest Nazarene University; M.A., Boise State University; Ed.D., Utah State University

**Ralph E. Neil (1981-2006), Dean, School of Theology and Christian Ministries; Religion, Philosophy**

B.A., Northwest Nazarene University; M.Div., D.Min., Nazarene Theological Seminary

**Earl Owens (1960-1998), Speech Communication**

B.A., University of California; M.A., Stanford University; Ed.D., University of Northern Colorado

**William Packard (1999-2019), Physics**

B.S., Olivet Nazarene University; M.S., Ph.D., University of Wisconsin - Madison

**E. Michael Poe (1998-2021), Graduate Education**

B.A., Northwest Nazarene University; M.Ed., The College of Idaho; Ed.S., Ed.D., University of Idaho

**Ronald Ponsford (1976-2013), Dean, School of Arts, Humanities and Social Sciences; Psychology**

B.A., Point Loma Nazarene University; M.A., Fuller Theological Seminary; Ph.D., Fuller Graduate School of Psychology

**Leon Powers (1974-2006), Biology**

B.A., Northwest Nazarene University; M.Nat.Sc., University of Idaho; Ph.D., Idaho State University

**Al Sanchez (2002-2017), Social Work**

B.S., Southern Colorado State College; M.S.W., University of Denver; Ph.D., University of Idaho

**Gene Schandorff (1992-2014), Dean of the Chapel**

B.A., M.A. Point Loma Nazarene College

**LaRita Schandorff (1992-2017), Library Services**

B.A., Humboldt State University; M.A., University of Arizona

**Roger Schmidt (1986-2018), Kinesiology**

B.A., Northwest Nazarene University; M.A., Central Michigan University

**Francis Sharpton (1970-2001), Physics**

B.S., College of Ozarks; M.S., University of Arkansas; Ph.D., University of Oklahoma

**Stephen Shaw (1979-1986, 1987-2020), Political Science**

B.A., Southern Nazarene University; M.A., Ph.D., University of Oklahoma

**Karen Smucker (1997-2014), Education**

B.S., M.Ed., Ph.D., University of Virginia

**Marvin Stallcop (1965-2006), Music**

B.A., Northwest Nazarene University; M.Mus., University of Montana; Ed.D., Arizona State University

**Barry Swanson (1991-2015), Music**

B.Mus.Ed., Southern Nazarene University; M.A., Boise State University; Ph.D., University of Idaho

**Ernest L. Thompson (1974-1998), Education**

B.A., Northwest Nazarene University; M.Nat.Sc., University of Idaho

**Merilyn Thompson (1970-1979; 1988-2006), Registrar; Communication Studies**

B.A., Northwest Nazarene University; M.S., Portland State 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

**Hal Weber (1971-1999), Vice President for Financial Affairs; Business**

B.A., Northwest Nazarene University; M.B.A., Santa Clara University

**Lilburn Wesche (1961-1981, 1988-1997), Education**

B.A., Northwest Nazarene University; M.Ed., Trinity University; Ed.D., University of Northern Colorado

**Alan Wheatley (2001-2017), World History**

B.A., Point Loma Nazarene University; M.Div., Nazarene Theological Seminary; Ph.D., University of California, Los Angeles

**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

**Arnold Ytreeide (2005-2021), Mass Communication**

B.A., Northwest Nazarene University; M.A., Boise State University; Ph.D., European Graduate School

**Kenneth Yoder (1980-2007), Mathematics**

B.A., Eastern Nazarene College; M.Ed., University of North Carolina; M.A., University of California-Los Angeles

## Scholars in Residence

### **T. Scott Daniels (2017- ), Pastoral Scholar in Residence**

B.A., Northwest Nazarene University; M.Div., Ph.D., Fuller Theological Seminary

## 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 (2001-2013), 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

### **Michael A. Pitts (1986-1987; 2007-2019), Counseling, Dean of the College of Adult and Graduate Studies**

B.A., Point Loma Nazarene University; M.A., University of Missouri; Ph.D., University of Idaho

### **Leoni L. Sutherland (2014-2021), Dean, College of Nursing; Professor of Nursing**

B.S., University of Phoenix; M.S., Azusa Pacific University; Ph.D., University of San Diego

## Staff Emeriti

**Terrie Bowen (1986-2021)** Multiple positions, most recent, Campus Based Loans Manager in Student Financial Services

**Claudia Glover (2000-2018)** Administrative Assistant, Office of Academic Affairs

**M. Wesley Maggard (1975-2019)** Financial Aid Director, most recent, Financial Aid Officer

**Coleen Montgomery (1978-2018)** Multiple positions, most recent, Technical Assistant in Traditional Enrollment (Admissions)

**Marsha Rogers (1994-2018)** Multiple positions, most recent, Office Assistant in External Relations

**Julie Wiebe (1991-2018)** Executive Assistant, Office of Academic Affairs

# Academic Calendar

## Fall Semester 2021

Aug 27- 30	Fri-Mon	New Student Orientation, Testing and Registration
Aug 30	Monday	Returning Student Registration
Aug 31	Tuesday	Classes Begin: Semester & Quad 1
Sept 1	Wednesday	Last Day to Enroll at NNU for students not already registered
Sept 6	Monday	Labor Day (Campus Holiday)
Sept 7	Tuesday	Last Day to Add a Semester and Quad I Class
Sept 10	Friday	Last Day to Drop a Semester and Quad I Class without a 'W'
Sept 27	Monday	Last Day to Withdraw from a Quad I class with a 'W'
Oct 11-12	Mon-Tues	Fall Break (Student Holiday)
Oct 20	Wednesday	Quad I Classes End
Oct 21-22	Thurs-Fri	Final Examinations for Quad I
Oct 25	Monday	Quad II Classes Begin
Oct 26	Tuesday	Mid-Term and Quad I Grades Due
Nov 1	Monday	Last Day to Add a Quad II Class
Nov 2	Tuesday	Early Registration Advising Session
Nov 3	Wednesday	Last Day to Drop a Quad II Class without a 'W'
Nov 5	Friday	Last Day to Withdraw from a Semester Class with a 'W'
Nov 22	Monday	Last Day to Withdraw from a Quad II Class with a 'W'
Nov 24-26	Wed-Fri	Thanksgiving Break (Student Holiday Nov 24 26, Campus Holiday Nov 25-26)
Dec 10	Fri	Last Day of Undergraduate Classes
Dec 13-16	Mon-Thurs	Final Examinations
Dec 21	Tuesday	Grades Due

# Academic Calendar

## Spring Semester 2022

Jan 10	Monday	Check-In, Registration, and Testing
Jan 11	Tuesday	Classes Begin: Semester and Quad I
Jan 12	Wednesday	Last Day to Enroll at NNU for students not already registered
Jan 17	Monday	Martin Luther King Day (Campus Holiday)
Jan 18	Tuesday	Last Day to Add a Semester and Quad I Class
Jan 21	Friday	Last Day to Drop a Semester and Quad I Class without a 'W'
Feb 7	Monday	Last Day to Withdraw from a Quad I Class with a 'W'
Feb 21	Monday	President's Day (Student Holiday)
Mar 2	Wednesday	Quad 1 Classes End
Mar 3-4	Thurs-Fri	Final Examinations for Quad I
Mar 7	Monday	Quad II Classes Begin
Mar 8	Tuesday	Mid-Term and Quad I Grades Due
Mar 14	Monday	Last Day to Add a Quad II Class
Mar 16	Wednesday	Last Day to Drop a Quad II class without a 'W'
Mar 18	Friday	Last Day to Withdraw from a Semester Class with a 'W'
Mar 21-Mar 25	Mon-Fri	Semester Break (Student Holiday)
Apr 5	Tuesday	Early Registration Advising Session
Apr 11	Monday	Last Day to Withdraw from a Quad II Class with a 'W'
Apr 15 & 18	Fri, Mon	Good Friday (Campus Holiday) and Easter Monday (Student Holiday)
Apr 29	Friday	Last Day of Undergraduate Classes
May 2-5	Mon-Thurs	Final Examinations
May 6	Friday	Baccalaureate
May 7	Saturday	Commencement
May 11	Wednesday	Grades Due

# Important Contact Numbers

Toll Free	1877-NNU-4-YOU
Administration (Non-Emergency)	208-467-8521
Admissions	208-467-8472
Athletics	208-467-8876
Bookstore	208-467-8416
Career Center	208-467-8767
Center for Academic Success and Advising (CASA)	208-467-8463
Center for Professional Development	208-467-8339
Concurrent Credit	208-467-8373
Financial Aid	208-467-8638
Food Service	208-467-8667
Registrar's Office	208-467-8433
Security 24/7 EMERGENCY	208-467-8911
Student Life	208-467-8643
University Advancement	208-467-8423
Wellness Center	208-467-8466