

Contents

Northwest Nazarene University	12
Undergraduate Catalog 2008-2009	12
The University	13
History.....	13
Campus	13
Students.....	13
Accreditation and Affiliations.....	13
Mission.....	14
Relationship to the Church.....	14
Statement of Faith	14
Institutional Outcomes	14
Christlike Character	14
Academic Excellence.....	14
Creative Engagement	14
Social Responsiveness	14
Philosophy of Education	15
I. Abilities of the Liberally Educated.....	15
II. Contextual Disciplines of the Liberally Educated.....	15
III. Explorations of the Liberally Educated	15
Academic Organization	15
University Learning Resources.....	15
University Learning Resources.....	16
University Learning Resources	16
University Learning Resources.....	16
University Learning Resources	16
University Learning Resources	17
Media Technology	17
University Learning Resources.....	18
Wesley Center For Applied Theology	18
Admission And Financial Aid	19
Admission	19
Preparation	19

How To Apply	19
Application Deadlines.....	19
New Freshmen	20
Transfer Students	20
International Students	20
Renewal Of Application	20
Readmission.....	20
Admission Categories	20
Standard Admission	21
Provisional Admission.....	21
Admission As A Home-Schooled Student.....	21
Admission To Express Education Program	21
Admission For Students Who Have Been Charged With Or Convicted Of A Felony	21
Admission To Temporary Non-Degree Students	22
Admission To The Professional Nursing Program	22
Admission To Teacher Education.....	22
Enrollment.....	22
Preparation	22
Registration	22
Expenses And Financial Aid.....	22
Expenses	23
Charges	23
Payment.....	23
Advanced Deposits And Fees	23
Refund Of Charges For Students Who Withdraw	24
Student Financial Aid	24
Institutional Scholarships.....	25
Awards	25
Allowances.....	26
Institutional Grants.....	26
Federal Grants	26
Federal Loans.....	26
Other Sources Of Financial Aid.....	27
Part-Time Employment.....	27

Financial Aid For Study Abroad Opportunities.....	27
Student Rights And Responsibilities	27
Fee Page	28
2008-2009 School Year	28
Tuition.....	28
Graduate Studies Tuition	28
Fees	29
Senior Citizens	29
Board And Room	29
Annual Cost For Tuition, Fees, Room And Board	30
Statement Of Charges	30
Undergraduate Degree Requirements	31
The Standard General Education Program	31
The Honors General Education Program.....	34
Majors Offered.....	38
Minors Offered.....	39
Academic Perspectives	41
Academic Load	41
Academic Standing	42
Academic Integrity.....	42
Academic Renewal	42
Additional Bachelor's Degree	42
Advanced Placement Credit.....	43
Changes In Registration (Drop/Add)	44
Class Attendance.....	44
Classification Of Students.....	44
Course Numbering/Cancellation.....	45
College Level Examination Program (CLEP)	45
Credit By Local Examination	45
Credit For Military Experience	46
Dantes Testing	46
International Baccalaureate Program.....	46
Maximum Credits For Non-Classroom Experience	46
Degree Requirement Substitution Or Exemption	46

Directory Information	46
Eligibility To Compete And/Or Perform	47
Intercollegiate Athletic Eligibility	47
Grade Reports	47
Grading System.....	47
Grade Appeal	48
Non-Grade Appeal	49
Honor Society	50
Honors at Graduation	50
Non-Credit Classes	50
Semester Credit.....	50
Quad Credit.....	50
Official Enrollment	50
Repeated Courses.....	50
Recommendations.....	51
Student Access To Records	51
Semester Length.....	51
Transcript Of Academic Record	51
Transfer Of Credits	51
Transfer of Associate of Arts Degree	51
Drop From Courses.....	52
Withdrawal From Courses	52
Withdrawal From University	52
Special Programs And Study Opportunities	53
NNU Programs.....	53
College/High School Integrative Programs	53
Undergraduate Special Programs and Study Opportunities.....	53
Individualized Major.....	53
Honors Program	53
Summer School.....	54
Academic Support Center	54
Department Of Military Science.....	54
Off-Campus Programs	54
Graduate Studies	57

Extended University Services	58
Student Life.....	60
Lifestyle Expectations.....	60
Campus Life.....	60
Clubs and Organizations	60
Support Services	61
Spiritual Life	62
Residential Life.....	62
Residence Halls.....	63
Security	63
Vehicles.....	63
Food Services.....	63
Student Health Services and Insurance	63
Athletic Opportunities.....	64
Campus Map	65
Driving Directions	65
School Of Arts, Humanities, and Social Sciences	66
Applied and Liberal Studies Programs	66
Department of Art	66
Department of Behavioral Sciences and Cultural Studies	66
Department of Communication Studies.....	67
Department of English	67
Department of History and Political Science.....	67
Department of Music	67
Applied and Liberal Studies Programs	68
Bachelor of Arts, Applied Studies	68
Bachelor of Arts, Liberal Studies.....	68
Department Of Art	69
Bachelor of Arts, Art.....	69
Minor, Graphic Design	70
Minor, Photography	71
Minor, Studio Art.....	71
Department Of Behavioral Sciences And Cultural Studies	71
Bachelor of Arts, Cultural Studies	72

Bachelor of Arts, Psychology	73
Bachelor of Arts, Spanish	75
Minor, Cultural Studies.....	77
Minor, Psychology.....	77
Minor, Spanish.....	77
Department Of Communication Studies	78
Bachelor of Arts, Mass Communications	78
Bachelor of Arts, Communication	79
Minor, Broadcasting	80
Minor, Communication.....	80
Minor, Drama.....	80
Minor, Media Production.....	80
Department of English	81
Bachelor of Arts, English.....	81
Bachelor of Arts, Journalism	82
Minor, Professional Writing	82
Minor, Literature.....	83
Department Of History And Political Science.....	83
Bachelor of Arts, History	84
Minor, History.....	84
Bachelor Of Arts, Political Science	85
Bachelor of Arts, International Studies.....	85
Minor, Political Science.....	85
Minor, Criminal Justice	86
Pre-Professional Program - Pre-Law	86
Department Of Music	86
Bachelor of Arts, Music	87
Minor, Music.....	90
Minor, Worship and Music Ministry	90
School Of Business	91
Department of Business and Economics.....	91
Department of Business and Economics.....	91
Admission to Advanced Standing.....	91
Bachelor of Science, Accounting.....	92

Bachelor of Science, Business Administration	93
Bachelor of Arts, Business Administration	94
Minor, Economics.....	94
Minor, Management.....	94
Minor, Marketing.....	95
Minor, Global Business	95
Minor, Business Administration	95
STEP Program, Bachelor of Science, Business Administration.....	95
School Of Education, Social Work, And Counseling.....	97
Department of Education	97
Department of Social Work	98
Department of Education	98
Bachelor of Arts, Elementary Education	100
Bachelor of Arts, Secondary Education.....	102
Department Of Social Work	117
Bachelor of Arts, Social Work.....	117
Minor, Social Welfare.....	118
School Of Health And Science	119
Pre-Engineering and Collaborative Engineering Programs	119
Pre-Professional Programs.....	119
Department of Biology	119
Department of Chemistry.....	119
Department of Kinesiology.....	119
Department of Mathematics and Computer Science	120
Department of Military Science.....	120
Department of Nursing	120
Department of Physics	120
Pre-Engineering and Collaborative Engineering Programs	120
Three-Two Program.....	121
Four-Year Bachelor of Science Program, Engineering Physics	122
Two-Year and Freshman-Year Programs	122
Pre-Professional Programs.....	123
Pre-Medical, Pre-Dental, Pre-Optometry, Pre-Physician Assistant, and Pre-Veterinary Medicine	123
Pre-Dental Hygiene.....	123

Pre-Pharmacy	124
Council for Christian Colleges and Universities	125
Sponsored Programs	125
Affiliated Program	125
Department of Biology	126
Bachelor of Science, Biology	126
Bachelor of Science, Pre-Physical Therapy	130
Bachelor of Arts, Biology	132
Minor, Environmental Science	133
Department Of Chemistry	134
Bachelor of Science, Chemistry	134
Bachelor of Arts, Chemistry	135
Department Of Kinesiology	136
Bachelor of Arts, Recreation and Sport Management	137
Department of Mathematics and Computer Science	138
Bachelor of Science, Computer Science	139
Bachelor of Science, Mathematics	140
Bachelor of Arts, Computer Science	140
Bachelor of Arts, Mathematics	141
Minor, Computer Science	141
Minor, Mathematics	142
Department Of Military Science	142
Minor, Military Science	143
Department of Nursing	143
Bachelor of Science, Nursing	143
Department Of Physics And Engineering	144
Bachelor of Science, Engineering Physics	145
Bachelor of Science, Physics	146
Bachelor of Arts, Physics	147
Minor, Physics	147
School Of Theology And Christian Ministries	149
Department of Philosophy	149
Department of Religion	149
Ministerial Preparation	149

Ministerial Standing.....	150
Department of Philosophy	150
Bachelor of Arts, Philosophy	150
Bachelor of Arts, Philosophy and Religion	151
Minor, Philosophy.....	152
Department Of Religion.....	152
Bachelor of Arts, Christian Ministry	152
Minor, Bible.....	154
Minor, Biblical Languages.....	154
Minor, Children's Ministries	154
Minor, Christian Education.....	155
Minor, Missions	155
Minor, Pastoral Ministries	156
Minor, Worship Leadership.....	156
Minor, Youth Ministries	157
Course Descriptions	158
Accounting (AC).....	158
Art (AR).....	159
Biology (BI)	162
Biblical Literature (BL)	166
Business (BU)	167
Christian Education (CE).....	170
Church History (CH).....	170
Criminal Justice (CJ).....	171
Chemistry (CM).....	171
Communication Studies (CO).....	173
Computer Science (CS).....	176
Cultural Studies (CU)	177
Economics (EC)	178
Education (ED)	179
Engineering (EG)	182
English (EN)	183
French (FR).....	186
Geography (GE).....	186

Greek (New Testament) (GK)	187
Hebrew (HB).....	187
History (HS).....	187
Humanities (HU).....	188
Kinesiology (KI)	189
Mathematics (MA).....	192
Modern Languages (ML).....	194
Military Science (MS).....	194
Music (MU)	195
Natural Science (NS)	198
Nursing (NU)	199
Off-Campus (OC)	200
Physics (PH).....	200
Philosophy (PL)	202
Political Science (PS).....	203
Practical Theology (PT).....	204
Psychology (PY)	206
Religious Studies (RS).....	208
Sociology (SO).....	208
Spanish (SP).....	209
Study Skills Courses (ST).....	210
Social Work (SW).....	211
Theology (TH)	213
University Organization.....	215
Board of Trustees	215
Administrative Services	216
Faculty.....	219
Vice Presidents Emeriti.....	225
Faculty Emeriti.....	226
Senior Fellows	228
Annotated Academic Calendars.....	229
2008-2009	229
2009-2010	230
Important Contact Numbers.....	232

Area Code 208	232
Index	235

Northwest Nazarene University

Undergraduate Catalog 2008-2009

The University

Admissions and Financial Aid

Undergraduate Degree Requirements

Academic Perspectives

Special Programs and Study Opportunities

Student Life

Campus Map

Arts, Humanities and Social Sciences

Business

Education, Social Work and Counseling

Health and Science

Theology and Christian Ministries

Course Descriptions

University organization

Calendar

Important Contact Numbers

Index

This university catalog is correct in content and policy as of the date of publication. The provisions of this catalog are not to be regarded as an irrevocable contract between the student and the university. The university reserves the right to make changes of any nature in programs, calendar, academic policy, tuition and fees, or academic schedules whenever these changes are deemed by the university administration as necessary or desirable, including changes in academic policies, class schedules, course content, and the canceling of scheduled classes or other academic and non-academic activities.

The University

History
 Campus
 Students
 Accreditation and Affiliations
 Mission
 Statement of Faith
 Institutional Outcomes
 Philosophy of Education
 Academic Organization
 University Learning Resources
 Wesley Center for Applied Theology

History

A desire to educate their own children led the founders of Northwest Nazarene University (NNU), 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, a fully-accredited, co-educational, 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 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 mid-sixties. The name of the institution was changed from Northwest Nazarene College to Northwest Nazarene University in 1999.

The university presently offers undergraduate majors in 30 areas and master's programs in six disciplines. In addition to programs on its home campus, NNU students may study in cooperative programs in 10 countries around the world. Northwest Nazarene University serves approximately 1,240 undergraduate students, 590 graduate students, and 9,000 continuing education students each year.

Campus

The university is located in Nampa in the Boise, Idaho, metropolitan area. The area provides many urban and rural advantages. The altitude of 2,500 feet, the year-round mild climate, and the rich, fertile Treasure Valley surrounding the campus are assets. Visitors come from distant places to attend conferences and to enjoy Idaho's skiing, hunting, and fishing areas. People are discovering and enjoying Idaho, the Gem State.

The campus, with its 34 buildings, covers 85 acres in the south part of Nampa. The campus has been carefully planned for maximum use and development.

Students

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

Accreditation and Affiliations

Northwest Nazarene University offers bachelor's and master's degrees in a range of content areas. It is accredited by the Northwest Commission on Colleges and Universities, an institutional accrediting body recognized by the Council for Higher Education Accreditation. In addition to regional university accreditation, several departments are accredited by nationally-recognized specialized accrediting boards. The Education Department is accredited by the National Council for the Accreditation of Teacher Education. The Counseling Department is accredited by the Council for Accreditation of Counseling and Related Educational Programs. The Music program is accredited by the National Association of Schools of Music. The School of Business is accredited by the Association of Collegiate Business Schools and Programs. The Social Work Department is accredited by the Council on Social Work Education. The Nursing Department is accredited by the Commission on Collegiate Nursing Education. The Concurrent Credit Program is accredited by the National Alliance Concurrent Enrollment Programs.

The university is a member of the American Association of Colleges for Teacher Education, The Association of Governing Boards, the Council for Christian Colleges and Universities, the Institute for Holy Land Studies, the Nazarene Association of Colleges for Teacher Education, and the Nazarene Association of Schools and Colleges.

Mission

The essential mission of the university is the development of Christian character within the philosophy and framework of genuine scholarship.

Northwest Nazarene University is a Christian comprehensive university with a liberal arts philosophy of education. NNU is fully committed to an educational process that pursues both intellectual and spiritual development. This pursuit is centered firmly in the Person of Jesus Christ, and is designed to instill a habit of mind that enables each student to become God's creative and redemptive agent in today's world.

Relationship to the Church

The task of the university, as an institution of the Church of the Nazarene, will be to serve the church by providing an educated laity and ministry, loyal to Christ, and by emphasizing the Wesleyan doctrine of perfect love. Its theological programs, based upon the doctrines set forth in the Manual of the Church of the Nazarene, will conserve, maintain, advocate, and promulgate the New Testament doctrine of entire sanctification or Christian holiness.

Statement of Faith

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

We believe:

In one God—the Father, Son, and Holy Spirit.

That the Old Testament and New Testament Scriptures, given by plenary inspiration, contain all truth necessary to faith and Christian living.

That human beings are born with a fallen nature, and are, therefore, inclined to evil, and that continually.

That the finally impenitent are hopelessly and eternally lost.

That 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.

That the Holy Spirit bears witness to the new birth, and also to the entire sanctification of believers.

That our Lord will return, the dead will be raised, and the final judgment will take place.

(*Manual*, Church of the Nazarene 2005-2009)

Institutional Outcomes

Northwest Nazarene University will endeavor to fulfill its mission through the following institutional outcomes:

Christlike Character

NNU students will grow toward Christlikeness: demonstrating ethical behavior, loving and respecting others, offering grace as they have received it, building up the community of Christ, and representing Christ to the world.

Academic Excellence

NNU students will demonstrate understanding and appreciation of the liberal arts, expertise in a major field of study, and professional growth. Throughout their lives they will endeavor to reach their potential and be transformed by their pursuit of knowledge about God and creation.

Creative Engagement

NNU students will apply their natural gifts and acquired knowledge to respond creatively to life: producing original works of art, new synthesis of knowledge, novel expression of ideas, and inspired solutions to problems—in the home, the workplace, the church, and the greater community.

Social Responsiveness

NNU students will be faithful stewards of their knowledge, skills, and resources, and be agents of social justice and divine mercy. Compassionately they will show love for people of all faiths and cultures, and identify with and advocate for those in need—locally and globally.

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 our philosophy of education and our university outcomes, NNU has grouped the academic objectives into three categories.

Acquisition of the following skills and knowledge bases helps to equip NNU students for demonstrating the four institutional outcomes:

I. Abilities of the Liberally Educated

Students will develop abilities that enable them to function well at the university and after graduation. Students will be able to:

1. Think logically, analytically, creatively, and independently.
2. Read, write, speak, and listen effectively.
3. Understand and use quantitative operations in problem solving.
4. Understand and use contemporary technology.
5. Practice good patterns of physical, psychological, social, and spiritual well being.
6. Understand and appreciate a Christian liberal arts education.

II. Contextual Disciplines of the Liberally Educated

Students will develop a world view informed by Christian perspectives that provides the context for further studies in the liberal arts. Such a viewpoint requires that students gain:

1. An understanding of the advancement of civilization.
2. An understanding of the human condition.
3. An understanding of the content and message of the Bible.
4. An understanding of the major doctrines of the Christian faith from a Wesleyan perspective.
5. A philosophy of life that integrates one's Christian faith with one's understanding of the world.

III. Explorations of the Liberally Educated

Students will explore the world of knowledge as described by the many disciplines of the university. Such explorations will lead to:

1. An understanding of the natural world.
2. An understanding of human expression through the arts.
3. An understanding of human expression through literature.
4. An understanding of one's individual identity as part of the complex of all human activity and relationship.

Academic Organization

Direction and encouragement for the achievement of the academic objectives are provided in programs offered by the six schools of the university: Academic Resources; Arts, Humanities, and Social Sciences; Business; Education, Social Work and Counseling; Health and Science; and Theology and Christian Ministries.

An additional academic unit, the Center for Professional Development, offers continuing education and professional advancement opportunities.

The academic objectives, programs, and course descriptions are described for each school in the subsequent pages of this catalog.

University Learning Resources

The NNU learning resources provide support for the entire academic community. They include:

Academic Advising and Testing

Academic Support Center

Career Center

Information Technology

John E. Riley Library

Media Technology

Registrar

University Learning Resources

Academic Advising and Testing

The Office of Academic Advising is responsible for oversight of the academic advising and schedules for all freshman students. The Academic Advising Office endeavors to enhance the educational experience of each student through assistance in discovering his or her abilities, interests, and career objectives. All students are encouraged, particularly during their freshman year, to meet with the director of academic advising to review their personal and career goals in relationship to their test scores and academic record. Student progress is monitored each semester and the Academic Advising staff counsels those encountering difficulties.

The university also provides special advising to learning disabled students who wish to identify themselves and provide documentation of their needs. Such students should contact the advisor for learning disabled students.

The Office of Testing administers the CAAP, ACT, and COMPASS mathematics and English tests as well as correspondence course examinations. The Office of Testing also administers the PRAXIS exams on national test dates.

University Learning Resources

Academic Support Center

The Academic Support Center houses the Writing and Study Skills Center, the NNU Peer Tutoring Service, and the Advisor to Students with Learning Disabilities. All NNU students are provided with a variety of academic services free of charge. These services include writing consulting, subject area tutoring by peers, courses for credit (college study methods, writing, reading, mathematics, and computer applications), academic counseling, and accommodations for learning disabilities. The faculty and staff's mission is to make students' university experiences the best they can be. The Center is located on the lower level of the Administration building and provides a comfortable, open study area, a small computer center where students can work with writing consultants, and individual study rooms. For a detailed description of the courses offered see course listings under Study Skills (ST).

University Learning Resources

Career Center

The Career Center provides information and assistance to students who wish to assess career goals and investigate career opportunities. In addition, the Career Center facilitates faculty as they assist their students in employment searches. The Career Center will help students write effective résumés, practice interviewing techniques, establish networking contacts through the ASK (Alumni Sharing Knowledge) program, and find career-related part/full-time or summer employment. There are several programs to assist students in their career search that are accessible on computer. These resources include: CIS (Idaho Career Information Services), Dependable Strengths Program, a current listing of helpful Internet Addresses, and the Career Center Home Page, www.nnu.edu/career. Career Week activities offer students several career-related events including an Etiquette Dinner/Dress for Success Style Show, Alumni Networking Day, and a major Career Fair. The SLICE program allows students to earn academic credit by being a liaison between the Career Center and their major department.

University Learning Resources

Information Technology

The mission of the Department of Information Technology is to provide the University with integrated, broadly accessible computer and telecommunication resources in order to make information and resources available to users when and where they need it.

Computers

University computer systems are available to provide learning and teaching resources for students and faculty in all academic areas. Desktop computers running the Windows XP operating systems are distributed throughout the campus to provide access through a Novell network to internet, E-mail, Microsoft Office suites, and specific software programs that are applicable to academic departments. Four large computer labs and four smaller computer labs support the general student population. An additional Macintosh lab is provided for graphic arts and music majors. Kiosks for short-term use across the campus are available too.

The following teams within the Department of Information Technology help to service computer needs on the NNU campus:

Network Services

The following are provided by this team:

- Computer accounts: Using a secure login, students may check their personal information, such as grades, student bills, NNU E-mail account and other information.

- High-speed internet service: A network port is available for each person residing in the main residence halls and in some campus apartments.
- Wireless network connection: Access throughout the entire campus after registering a wireless-capable personal computer on the network.
- Remote access: Students who live off campus have access to many campus services via their own internet service accounts or through the campus dial-up service.

Technical Response Center

This team provides critical individual, program and institutional academic computing services. These include training and consultation on information technologies for NNU students and employees, as well as print management for the campus. Academic Computing also provides technical support to the students and employees of NNU through the Technical Response Center.

Administrative Services

This team provides NNU students and employees with timely and appropriate access to institutional data, and makes sure this data is secure, reliable, and is as up-to-date as possible.

Telecommunications

It is the goal of the Department of Information Technology to provide a functional, reliable voice network system. Each dormitory room in the residence halls and in some of the campus apartments have a telephone number and voice mailbox which is assigned to each resident student. Using the voice mailbox number and a password, messages can be checked both on campus and off campus. The student's telephone number and voice mailbox information will remain assigned to the resident student until graduation or withdrawal from the University.

Students must provide their own telephone and long distance service. Long distance service may be obtained through prepaid phone cards, cell phones and local long distance providers.

University Learning Resources

John E. Riley Library

Vital to the educational and intellectual life of the university, the John E. Riley Library contains circulating and reference collections of almost 125,000 volumes and currently receives 750 periodicals. In addition to books and periodicals, the library has approximately 60,000 volumes in collections of microforms, non-print materials, and state and federal government documents, for which the library is a selective depository. A special collection of works by or about John Wesley is maintained.

The library's web page is www.nnu.edu/library. It provides links to the library's online catalog which is shared with College of Idaho, various indexes and databases many of which include full-text materials, and to other libraries. Through its participation in OCLC Inc., an international library network, the library has access to more than 57,000,000 additional books and other library materials from libraries around the world.

In addition to the shared system with College of Idaho, a reciprocal borrowing agreement with Boise State University allows students to check out a limited number of items from this library.

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

The University Archives, located in the lower level of the Library, contains items pertaining to the history of the University. Use of the Archives is by appointment only.

Media Technology

Media Technology, located in the Wiley Learning Center, room 119, offers a wide variety of audio/visual services for the campus. Services offered include making photocopies and transparencies, sending and receiving faxes, providing materials to produce signs and instructional materials, laminating, audio duplicating and recording, video duplicating and recording, photography and other related services. Media Technology sells a wide range of supplies including graphic arts and production materials, blank audio and video tapes, 35mm film, and storage media. Additional computer print credit may also be purchased at Media Technology.

The Media Technology facilities include audio/visual viewing rooms and work stations, audio and video recording studios, a photographic studio, and a TV production studio. Media Technology maintains a library of video, tapes, and DVDs for instructional use by faculty members and students. A wide variety of audio/visual equipment and materials are available for classroom instruction, for student assignments, and for use by other members of the campus community. Media Technology provides audio/visual equipment for classroom use at no charge and rents audio/visual equipment and laptop computers to the campus community.

University Learning Resources

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 in order to empower them to accomplish their goals and complete assigned tasks.

Wesley Center For Applied Theology

The Wesley Center for Applied Theology enriches and extends the mission of Northwest Nazarene University. Enrichment is fulfilled through the scholarly study of the essential ideals and methods of Wesleyan-Holiness theology. Extension is encouraged through the growth and development of the church, and the application of the essential ideals and methods in personal and social contexts.

The Center administers programs that:

1. promote scholarly study, research, understanding, and appreciation of the Wesleyan tradition and its applications to academic disciplines, campus sectors, churches, and social structures;
2. provide church leaders with information and resources, and equip them to lead in spiritual development that is necessary for healthy church growth;
3. identify, analyze, and respond to conditions and perspectives that degrade humans, create dependency, and contribute to avoidance of responsible behavior; and,
4. develop on-line master classes which will further ministry education and enhance ministry skills.

Admission And Financial Aid

Admission
 Admission Categories
 Enrollment
 Expenses and Financial Aid
 Fee Page

Admission

Northwest Nazarene University maintains a policy of equal educational opportunity for all students without regard to sex, race, color, religion, national or ethnic origin, age, or physical and documented learning disabilities, and in administration of its educational and admissions policies, financial affairs, employment programs, student life, and services, or any other university-administered programs.

Northwest Nazarene University offers reasonable accommodations to special-needs students. Inquiries about accommodations for students with physical disabilities should be directed to the Office of Academic Advising, and inquiries concerning accommodations for students with learning disabilities should be directed to the Learning Disabilities Advisor in the Academic Support Center. 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.

Preparation
 How To Apply
 Application Deadlines
 New Freshmen
 Transfer Students
 International Students
 Renewal of Application
 Readmission

Preparation

Northwest Nazarene University does not require specific high school courses for admission; however, courses from the following academic disciplines will provide the basis for computing an academic core grade point average (GPA) that will be used for advising purposes. These courses and the indicated recommended number of years provide an excellent preparation for college work.

English	4 years
(not including speech, drama, journalism)	
Mathematics	3 years *
Science	3 years
History/Social Sciences	3 years
Foreign Language	2 years

*Students planning to select majors in chemistry, engineering, mathematics, or physics will benefit from four years of mathematics.

How To Apply

1. Write to the Office of Enrollment Services, NNU, 623 Holly Street, Nampa, ID 83686-5897, for information and an application packet, or submit an internet application at www.nnu.edu.
2. Complete the application for admission and return it with the \$25 application fee to the Office of Enrollment Services.
3. Request transcripts for all high school, college, and university work to be sent directly to the Office of Enrollment Services.
4. Complete all additional forms included in the application packet and return them to the Office of Enrollment Services as soon as possible.

Application Deadlines

Those applying for admission or readmission to NNU must submit all application materials by the following dates:

1. August 15, 2008, for fall 2008 semester enrollment.
2. December 15, 2008, for spring 2009 semester enrollment.
3. August 15, 2009, for fall 2009 semester enrollment.
4. December 15, 2009, for spring 2010 semester enrollment.

New Freshmen

Take ACT or SAT. All new students are required to take either the ACT or the SAT before they can be granted admission to NNU. The optional ACT writing test is not required. It is the University's preference that the tests be taken in the junior year or early in the senior year of high school. They may be taken more than once, if the student desires. Students may apply for admission before taking the tests.

Transfer Students

Request that an official transcript from all colleges and universities previously attended be sent to the Office of Enrollment Services. Transfer student admission is generally granted to applicants who:

1. Have completed 28 college or university semester credits.
2. Have a cumulative GPA of at least 2.0; and are in good academic standing at their previous institution. (Students below the required GPA may be accepted provisionally at the discretion of the Admissions Committee).

Failure to report all college and university work attempted could result in denial or revocation of admission. Transfer students may request a "Transfer Guide" 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, have passed the GED, or have the ability to pass an approved Ability to Benefit (ATB) test. Students may use the NNU Application for Admission and/or the FAFSA to self-certify.

International Students

Students from countries outside the United States for whom English is not the native language are normally required to take the Test of English as a Foreign Language (TOEFL) administered by the Educational Testing Service, Box 955, Princeton, NJ 08540. Students must receive a minimum score of 500 on the paper exam, or a minimum score of 173 on the electronic exam to be admitted to the university.

Renewal Of Application

Students who previously applied for admission to NNU but did not enroll should request and complete a renewal application form to reactivate their file.

Readmission

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

Admission Categories

The Admission Committee must review the application of any student, applying for admission, who is under 17 years of age. Additional information may be requested.

Standard Admission

Provisional Admission

Admission As A Home-Schooled student

Admission To Express Education Program

Admission For Students Who have Been Charged With Or Convicted Of A Felony|

Admission To Temporary Non-Degree Students
 Admission To The Professional Nursing Program
 Admission To Teacher Education

Standard Admission

Standard Admission may be granted to students who have submitted all required materials and meet at least two of the following criteria:

1. Graduation from a high school with a grade point average of 2.5 (or above) on a 4.0 scale.
2. A rank in the top 50 percent of the high school graduating class.
3. An ACT composite standard score of 18 or above, or a combined score of 870 or above on the Math and Critical Reading sections of the SAT.

Submission of false information could result in denial or revocation of admission.

Exceptions may be made for students who have been out of high school four or more years or who have completed high school outside of the United States.

Provisional Admission

Persons who do not meet the requirements for standard admission will be considered for provisional admission. If admitted, students may be registered in a restricted program if they fall under one of the following categories:

1. Graduates of senior high schools with less than the required grade point average(s) and students transferring from accredited colleges with less than the required grade point average or students with less than the minimum required ACT or SAT score.
2. Persons taking the Tests of General Education Development (GED) in lieu of high school graduation. In order to be eligible persons must meet the following requirements:
 - a. a minimum Standard Score Average of 450 and a minimum Standard Score on the Writing Skills Test of 450,
 - b. an ACT composite standard score of 18 or above, or an SAT combined score of 870 or above.

Provisional admission is normally granted for one semester and will be reviewed at the end of the student's first semester of enrollment. Failure to meet any of the above criteria may result in denial of acceptance to NNU. Students admitted on Provisional Status will be placed in a cohort that is designed to help the student strengthen skills needed for success in college academics. Courses taken by the cohort include HU 101 Cornerstone, EN 101 Improvement of Language Usage (unless the ACT English score was above 17), MA 090 (unless the ACT math score was above 18), and ST 121 College Study Methods. A gpa of at least 2.0 must be earned in these courses in order to continue on to the second semester.

Admission As A Home-Schooled Student

Northwest Nazarene University welcomes applications from students who have been home-schooled. Home-schooled students seeking admission to NNU are required to submit the same documentation as any other NNU freshman applicant, which includes ACT or SAT scores and a high school transcript with all subjects and grades taken by the student.

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 Equivalency Diploma (GED) should submit the GED certificate.

Admission To Express Education Program

Students enrolled in high school and home-schooled students may register for a maximum of 11 credits in the university through the Express Education Program. High school students should contact their counseling office to determine if their high school participates. Home School students should contact the NNU Center for Professional Development directly. Express Education status will only be granted with the support of the high school and parents. Express Education students must be at least 16 years of age.

Any student enrolled in high school may register at NNU for approved courses, whether or not their high school chooses to participate in the Express Education Program.

Admission For Students Who Have Been Charged With Or Convicted Of A Felony

Applicants for admission to NNU who have been convicted of a felony or who have felony charges pending against them may be denied admission or may be admitted upon special review and approval of the Admissions Committee at its sole discretion.

Applicants who are in a correctional facility or have recently been in a correctional facility are required to allow a minimum of one year to elapse between the time of release and the time of enrollment at NNU.

Admission To Temporary Non-Degree Students

Unclassified students may be admitted to classes as Temporary Non-Degree students, provided they give evidence of possessing the requisite ability. To apply as a Temporary Non-Degree student she/he must enroll for less than 12 semester credits, not be working on a degree at NNU, and not be applying for federal financial aid. All such students will be required to do the same work as required of regularly classified students, except in the case of those who may be granted permission to take the course on a noncredit basis.

Admission To The Professional Nursing Program

Admission to the Professional Nursing Program is based on successful completion of established criteria. Pre-nursing students must submit an application during the Spring semester of the freshman year to the Department of Nursing.

Admission To Teacher Education

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

Enrollment

Preparation

1. Show proof of high school graduation, or proof of completion of an equivalent course of study.
2. Have an official, final high school and/or college transcript, or an equivalent document, on file at NNU that lists all academic work to date.
3. Submit all required fees and forms as requested to insure that you retain your space in the incoming class (see Advance Tuition Deposits and Fees).
4. Be an active participant as your class schedule is prepared in the Office of Academic Advising. Indicate your acceptance of the schedule when requested.
5. Complete and return all Student Development forms for housing, health care, and related student life issues.

Registration

Registration dates are found on the official college calendar published in this catalog and online at www.nnu.edu/OnlineCatalog. All students are expected to be present and complete registration on the days scheduled for this purpose.

Instructions for registration will be furnished at the time of registration. Students are not enrolled in courses until all registration materials are completed and approved by advisors and/or other authorized persons. Satisfactory financial arrangements must be completed and approved in the Business Office.

Expenses And Financial Aid

Expenses

Charges

Payment

Advanced Deposits And Fees

Refund Of Charges For Students Who Withdraw

Student Financial Aid

Institutional Scholarships

Awards

Allowances

Institutional Grants

Federal Grants

Federal Loans

Other Sources Of Financial Aid
 Part-Time Employment
 Financial Aid For Study Abroad Opportunities
 Student Rights And Responsibilities

Expenses

Student charges are set by the Board of Trustees as part of the consideration of 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 from Churches of the Nazarene, businesses, and 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 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 also require a fee for specialized instruction, such as private lessons, transportation, equipment, and supplies. These charges are detailed in the annual supplement ("Calendar and University Costs"), which become a part of the catalog.**

Payment

Payment and/or satisfactory financial arrangement of the balance due on a student's account must be completed by August 15, 2008, for fall semester, and January 3, 2009, for spring 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 \$100 will be assessed if payment and/or satisfactory financial arrangement has not been completed by August 25, 2008, for fall semester and January 12, 2009, for spring semester. Official transcripts of student course work are granted only after the student's account is paid in full. Continued enrollment will be available after the prior semester's balance is paid in full or satisfactory arrangements have been made with the Business Office.

Many NNU students choose to participate in an annual payment plan. For information on the payment plan, please contact the Business Office for details. Enrollment in a payment plan is to be completed by August 15, 2008, for fall semester and January 3, 2009 for spring semester (due dates referenced above).

Advanced Deposits And Fees

A **New Student Advanced Deposit** of \$250 is to be paid by all new students by May 15 for students applying for fall semester and by November 15 for students applying for spring semester. Receipt of the deposit is required before the student is allowed to begin registration and receive housing arrangements. Advanced work toward program scheduling cannot be done until the advanced deposit is received. In addition, students applying to live in campus housing (residence hall or apartment) will be assigned room reservations on a priority based on the date the deposit is received. Of this deposit, \$50 is held as a contingency deposit for all students, and is refunded to the student upon graduation or earlier withdrawal from the university if the student has paid all fines and charges. The balance of \$200 is applied to the new student's account at the time of enrollment.

Refunds shall be made according to the following schedule:

Date of Cancellation for fall semester	Amount of Refund
By June 15	Full Refund
By July 15	50% Refund
By July 16 and thereafter	No Refund

Date of Cancellation for spring semester	Amount of Refund
By November 15	Full Refund
By December 15	50% Refund
By December 16 and thereafter	No Refund

Books and Supplies typically average about \$500 per semester and are available for purchase in the university bookstore.

Incidental charges may be expected at registration time to cover such items as the yearbook picture fee, residence hall key deposit, and refrigerator rental, microwave rental, etc.

Refund Of Charges For Students Who Withdraw

All students withdrawing from NNU must complete the “Request for Withdrawal from School” form available from the Office of Academic Advising.

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

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

There are no refunds for incomplete independent study or correspondence courses. There are generally no refunds for enrolled students withdrawing solely from the dorm after the last day to add courses. There are prorated refunds for withdrawing solely from the board plan after the start of the semester.

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. When a refund to federal programs is required, following is the refund distribution:

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

No refund is made to the student when all charges have been met by federal or institutional aid, or when the amount of refund exceeds cash payment made by the student.

Refunds to NNU’s institutional aid programs are based on the tuition and fees withdrawal rate; i.e., if one-half tuition and fees are refunded, one-half of any institutional aid will be refunded to institutional programs.

Repayment of Unearned Aid: Students who receive federal financial aid and withdraw from NNU may be required to repay the appropriate program a percentage of their unearned aid. The responsibility to repay unearned aid is shared by NNU and the student in proportion to the aid each is assumed to possess. NNU’s share is the lesser of:

1. The total amount of unearned aid,
2. NNU’s charges multiplied times the percentage of aid that was unearned, and,
3. NNU’s share is allocated among the Title IV programs in an order specified by law.

The student’s share is the difference between the total unearned aid and NNU’s share. After the student’s share is fully allocated among any of the Title IV loan programs, any amount owed to a federal grant program is reduced by half.

Student Financial Aid

In an effort to assist worthy students in their pursuit of a liberal arts education, NNU is committed to providing scholarships, awards, grants, and allowances. Each year thousands of dollars are provided for this purpose. Some of the funds come from endowed scholarships, university funds, and federal funds (Title IV aid).

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

1. Recognition of achievements,
2. Assisting competent students to acquire a college education,
3. The recruiting and retaining of students.

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

1. To reward students for excellence in academic performance;
2. To reward students for achievements that may be other than academic;
3. To aid students for whom pursuit of a college education is an unusual financial hardship.

Scholarships, narrowly defined, should convey commitment to accomplishment by the University. Those who receive such funding are a comment on the University's own image of its purpose.

Application for Admission and for Financial Aid is a combined process at NNU. Awards of aid are reserved for those students who have applied for admission. Priority in the awarding of aid from federally funded programs will be given to completed applications (the NNU Application for Admission, Scholarships, and Financial Aid, and the Free Application for Federal Student Aid) received by March 1st (for the following fall's admission). All aid, whether it be from NNU or federal funds, must be applied for every year. Returning students will need to secure the proper application for scholarships and allowances from the Financial Aid Office, Northwest Nazarene University, 623 Holly Street, Nampa, ID 83686-5897 during the first half of January each year. Scholarship applications may also be acquired in the student's departmental office during January. All institutional scholarships, grants, awards and allowances are considered when packaging a student's minimum Financial Aid award offer.

Demonstration of Need for Aid - Northwest Nazarene University uses the Free Application for Federal Student Aid (FAFSA) to determine a student's eligibility for federal aid. The FAFSA is the document all colleges must use to determine the family's ability to pay and resulting need. Students should submit a copy of the FAFSA to the federal processor designating Northwest Nazarene University to receive the analysis. NNU's school code is 001624. The FAFSA may be obtained from NNU or from most high school counselors or online at www.fafsa.ed.gov and should be filed in conjunction with the NNU Application for Admission, Scholarships, and Financial Aid.

Payment of Financial Aid: All financial aid is disbursed to students by crediting one-half of the year's total award to the student's account each semester.

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 mailed to each student with the offer of financial aid each year. It is also available through the Financial Aid Office or at www.nnu.edu/sap/.

In order to receive federal aid funds, a student cannot be in default or delinquent on a previous federal student loan nor can they have reached the federal lifetime limit for borrowing.

Restriction: The administration has set a maximum amount in aid funds that may be received by a student. In an exceptional case in which the maximum is exceeded the university may reduce these benefits.

Institutional Scholarships

Three types of scholarships are available to students—scholarships funded by the university, scholarships funded by the earnings of money donated to the university endowment fund, and scholarships provided by donors. A separate listing of scholarships available at NNU may be requested by contacting the Financial Aid Office and many can be found online at www.nnu.edu/ftscholarships.

All first-time 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. If any additional application forms are required, they are generated from the filing of the Admission and Financial Aid Application. Most endowed and departmental scholarships are awarded to students who meet the required criteria after one year of attendance at NNU.

Requirements: All scholarship recipients are to be enrolled full-time, have a minimum cumulative grade point average of 2.00 (or higher, if so indicated), and meet any other eligibility requirements detailed in the Scholarship/Financial Aid Manual.

Restrictions: 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.

Awards

The term "award" refers to a stipend which is given on a basis other than performance.

Trustee Matching 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 \$275 received from the church during the 2008-2009 academic year. This applies to Nazarene and non-Nazarene churches located in the Northwest Education Region. NNU will match a church award until work is completed on the first bachelor's degree.

NYI Awards: NNU will match cash awards given by District Nazarene Youth International organizations of the Northwest Education Region for music or activity competition at the district level. The maximum amount that may be matched is \$500.

Service Club Award: NNU will match a cash award up to \$250 from a participating Nampa, Idaho, service club.

Allowances

Eligibility for university allowances generally requires a student to be enrolled full time.

Family: During any semester in which three or more unmarried students from one family are enrolled in an undergraduate course of study, each student is eligible for this allowance. The Family Allowance may not be awarded if other forms of institutional aid cover full tuition.

Foreign Student Allowance: Full-time undergraduate students who are not eligible for federal aid (this includes Canadians) and dependents of full-time missionaries under appointment are eligible for this allowance.

Grad-Back Tuition: A 50 percent reduction in tuition is available for students taking undergraduate courses who have completed a baccalaureate degree at Northwest Nazarene University.

Nazarene Tuition Remission Allowance: Dependents of full-time faculty and first-line administrators at U.S. and Canadian Nazarene colleges/universities or Nazarene Theological Seminary are eligible and should apply for up to full tuition allowance. The requirements as described by the General Church Department of Education are in force for this allowance. Applicants must provide a signed Tuition Remission Recommendation Form from the institution where the parent is employed.

Professional: Those eligible for this allowance include full-time Christian workers, or their dependents, who are serving within the Northwest Education Region (or outside of any other Nazarene education region) as pastors, assistant pastors, evangelists, ministers of Christian Education, or ministers of music. The definition of “dependents” will be consistent with the U.S. Department of Education definition used when awarding federal funds. Full-time missionaries and military chaplains on active duty and their dependents are also entitled to this allowance.

Full-time Christian workers, both defined in terms of their service and location by the above paragraph, may receive a prorated professional allowance for less than full-time enrollment while attending Northwest Nazarene University. This allowance would be granted to those full-time Christian workers who are pursuing course work leading to their first baccalaureate degree.

Senior Citizens: Students who are sixty years of age and older may enroll for non-credit courses at no charge. Those who take course work for credit will receive a one-half tuition allowance.

Institutional Grants

Multi-Cultural Grant: For citizens or permanent residents of the U.S. and Canada who are members of an ethnic minority. Applicants must demonstrate need.

Montgomery Missionary Dependents Grant: This grant is in memory of Kenneth Montgomery. Funds are provided by those who are especially interested in supporting children of missionaries. Students who are dependents of missionary parents will be given consideration for this grant.

Phelps Book Grant (Endowed): Mr. and Mrs. Melvin Phelps established the Phelps Endowed Book Fund for the purpose of helping students purchase books and supplies and encouraging them in their college careers. This grant is given to those with financial need who are enrolled full-time with a 2.0 GPA.

Federal Grants

The United States Government through the Department of Education, has made funds available for three Federal grant programs. Available funds are allocated on the basis of greatest financial need to applicants filing by the designated dates. Because such need is a confidential matter between the family and the university, public announcement of the grant recipients and award amount is not made.

Federal Pell Grant: All undergraduate students are urged to apply for the Pell Grant. Eligibility is determined by filing the Free Application for Federal Student Aid (FAFSA). The FAFSA can be submitted online at www.fafsa.ed.gov. Once submitted, the student can find information on their grant eligibility at the same website in the form of a Student Aid Report (SAR).

Leveraging Educational Assistance Partnership Program (LEAP) and Federal Supplemental Educational Opportunity Grant (SEOG). These grants are awarded to students with financial need as evidenced in the filing of the Free Application for Federal Student Aid. Eligibility for the SEOG is also contingent upon receiving the FAFSA information by the school's priority filing deadline of March 1st.

Federal Loans

The Federal Perkins and Subsidized Stafford loans are awarded on the basis of financial need as determined by the results of the FAFSA and have no interest accruing during the student's period of enrollment.

Federal Perkins Loans: These loans are given only to students with definite financial need, plus the stipulations noted above. The federal government establishes an annual level of lending, which results in a limited amount of loan funds being available. The rate of interest during the repayment period is 5% simple interest. The University is responsible for collection of these loans.

Repayment begins 9 months after graduation or discontinuance of at least half-time enrollment. The Federal Perkins Loan has provisions for cancellation and deferment.

Subsidized Federal Stafford Loans: These are low-interest federal loans through a lender such as a bank or credit union to help pay for educational expenses. Applications are available through the Financial Aid Office and are sent with award letters if a completed FAFSA has been received by NNU. Repayment begins 6 months after graduation or discontinuance of at least half-time enrollment.

Unsubsidized Federal Stafford Loans: Students who do not qualify for the Subsidized Stafford Loan may apply for the Unsubsidized Stafford Loan. The difference being that the government does not pay the interest to your lender on this loan while you are in school. Payments of your principle and interest may be deferred while enrolled at least half-time.

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 who are of one-fourth or more Indian blood are eligible. They must demonstrate high scholastic ability and need financial assistance. More information may be obtained 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 handicap 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, contact the nearest local or regional Veterans Administration Office.

Army Reserve Officer Training Corps (ROTC): Students attending NNU are eligible to apply for Army ROTC two and three-year scholarships. These scholarships pay for tuition, textbooks, laboratory fees, and other purely academic expenses for each year that the scholarship is received. Scholarship cadets may also receive subsistence allowance (tax free) of up to \$4,500 each school year that the scholarship is in effect.

Part-Time Employment

Campus Employment: Part-time employment is available to students on campus in the areas of food service, library, custodial, instructional and other various campus personnel positions and departments. A number of these positions of employment are provided by Federal College Work-Study program funds. The average workload consists of ten hours per week. To view current openings go to www.nnu.edu/career.

America Reads: The America Reads program makes funds available to institutions of higher education in order to pay university students to help tutor elementary students in reading. We work with several schools in the community to help with their reading programs. The student must be eligible for Federal College Work Study funds to be able to participate in this program. Eligibility is determined by completing the FAFSA, which is evaluated by the Financial Aid Office to determine any unmet need. NNU pays the student on a monthly basis at the same time other NNU students are paid for work completed on campus.

Idaho State Work Study Program: Students working off campus in jobs that are closely related to their major field of study and who show "need" may be eligible to participate in this program. Contact the Financial Aid Office for further details.

Community Employment: Numerous students secure their own arrangements for off-campus employment in the community; however, students may receive placement help from the university for community employment by contacting the Career Center.

Financial Aid For Study Abroad Opportunities

Students considering Study Abroad Programs may be eligible to receive federal financial aid to help pay educational related expenses. The following conditions are required to receive federal financial aid:

1. Student must be admitted to a program leading to a degree.
2. Student must be making satisfactory academic progress.
3. Student must enroll in a program of study abroad that is approved for credit at NNU.
4. Student must be eligible to receive federal financial aid.
5. Student must complete a Free Application for Federal Student Aid (FAFSA).

Contact the Financial Aid Office or Registrar's Office for additional information.

Student Rights And Responsibilities

As recipients of federal student aid, students have certain rights and responsibilities. Knowing what these are will put students in a better position to make decisions about their educational goals and the best means to achieve them.

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. Who the school's financial aid personnel are, where they are located, and how to contact them for information.
4. What the procedure and deadlines are 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 any student loan, 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 student's aid package if they believe a mistake has been made, or if their 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 application for federal student aid, complete it accurately, and submit it on time to the processor. Errors may delay or prevent a student from receiving aid.
2. Know and comply with all deadlines for applying or re-applying for aid.
3. Provide all documentation, corrections, and/or new information requested by the Financial Aid Office.
4. Notify the university of any information that has changed since applying for financial aid.
5. Read, understand, and keep copies of signed documents.
6. Repay any student loans. When a promissory note is signed, it is an agreement to repay the loan.
7. Complete entrance counseling (incoming students) and exit counseling (outgoing students) online if the student has a Federal Perkins Loan or Federal Stafford Loan.
8. Notify the university of a change in name, address, or attendance status. If a student has a Federal Stafford Loan, they must also notify their lender of these changes.
9. Satisfactorily perform the work agreed upon in a Federal College Work Study job.

Fee Page

2008-2009 School Year

Tuition

	Cost Per Semester	Cost Per Year
12-19 Undergraduate Semester Credits	\$ 10,450	\$ 20,900
(Less than 12 or more than 19 — \$905 per semester credit)		
Post-Baccalaureate/NNU Graduate	\$452.50 per semester credit	
Post-Baccalaureate/non-NNU Graduate	\$905 per semester credit	

Graduate Studies Tuition

Contact the following Graduate Studies Offices for Tuition Rates:

Education (208) 467-8341

Counseling	(208) 467-8345 toll free (888) 901-7366
Reading	(208) 467-8366
MBA (campus programs)	(208) 467-8415 toll free (887) NNU-4-MBA
MBA (online)	(208) 467-8123
Religion	(208) 467-8538
Social Work	(208) 467-8679
Step Degree Completion Program	(208) 467-8100 toll free (877) NNU-4-BIZ

Fees

		Cost per Semester	Cost per Year
Undergraduate enrolled in 12 or more credits		\$ 135	\$ 270
Health clinic and accident insurance	\$ 20		
Student Government Association	\$ 85		
Registration	\$ 5		
Athletic Facilities	\$ 25		
Undergraduate enrolled for 6-11 credits			
Student Government Association	\$ 45		
Registration	\$ 5		
Athletic Facilities	\$ 15		
Undergraduate enrolled for 1-5 credits			
Registration	\$ 5		
Special Fees			
Key deposit	\$ 10		
Dorm dues	\$ 20 per semester(paid with tuition payment)		
Contingency deposit	\$ 50 a one time refundable deposit		
University credit by exam	\$100 per exam (plus \$330/credit)		
Non-credit fee per course credit	\$ 40		
Undergraduate graduation fee	\$ 50		
Late payment and/or late registration fee	\$100		
Return check fee	\$ 20		

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

Senior Citizens

Senior citizens, 60 or older, may enroll in classes for non-credit at no charge on a space available basis.

Classes taken for credit: \$452.50 per semester credit.

Board And Room

Room cost is for a single student in a shared dorm room. Private room (when available) is an additional \$250 per semester. Room charge includes furniture and utilities. Room assignments are made by the Office of Student Development (208) 467-8643.

Cost Per Semester Cost Per Year

Platinum Meal Plan and Single Student in Shared Dorm Room \$ 2,760 \$ 5,520

This meal plan offers students unlimited entries/meals per day and week. Dining hall hours are Monday - Friday from 7:00a.m. to 10:00p.m. The dining hall operates on reduced hours Saturday and Sunday. Student also has \$25 Flex dollars per semester to use at Amity Perk.

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

Annual Cost For Tuition, Fees, Room And Board

	Cost Per Semester	Cost Per Year
Tuition	\$ 10,450	\$ 20,900
Fees	135	270
Room and Board	2,760	5,520
Total	\$ 13,345	\$ 26,690

Statement Of Charges

Students will receive a Student Data Sheet (SDS) prior to the beginning of each semester. This document indicates the amount of financial aid awarded and the invoice for each semester's estimated charges and credits, and is the statement from which the balance due is determined.

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

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

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

Undergraduate Degree Requirements

Northwest Nazarene University offers the Bachelor of Arts and the Bachelor of Science degrees. Majors are offered in 30 fields of study. To qualify for a bachelor's degree at NNU, the student must satisfy the nine (9) 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.

1. **Total Credits.** The student must complete a minimum of 124 semester credits.
2. **Upper-Division Credits.** The student must complete at least 43 semester credits in courses numbered above 299.
3. **Quality of Grades.** Either grades must average C (2.000) or better; or all grades C (2.000) or better must be earned in 124 semester credits which meet the basic skills, general, and major requirements. A grade of C- (1.700) or better must be earned in all courses which apply toward the major. Some majors have higher GPA requirements. See individual program descriptions for details.
4. **Residence.** Each student must spend a minimum of one year, full-time standing, in residence. If only one year is spent at NNU, it must be the senior year and must include a minimum of 8 semester credits in the major.
5. **General Education Program.** The student must complete the standard or honors program of General Education as described below.
6. **Major Field of Study.** In addition to the various areas of scholarship represented in the general education group requirements, a baccalaureate degree requires a more detailed acquaintance with the advanced materials and methods of a particular field. In this field of concentration the student is expected to attain an elementary degree of mastery and a background for further reading and study, formal or informal. In many cases this major study has professional or vocational value. A listing of the major fields of study may be found at the end of this chapter.
7. **Comprehensive Exam.** The Collegiate Assessment of Academic Proficiency (CAAP) is an assessment of student knowledge taken during the junior or senior year. The CAAP test scores are compared to the freshman ACT scores. This comparative study, organized by and administered under the direction of the American College Testing Program, is aimed at assisting colleges and universities in efforts to improve general education and helping students to persist to graduation with the knowledge and skills important to functioning effectively in society.
8. **Application for Graduation.** Candidates for a degree must submit an application and have the application approved by the administrator(s) of the program. The application should be placed on file with the registrar the beginning of the semester prior to the semester in which the student plans to graduate.
9. **Favorable Vote of Faculty.** The names of students nearing completion of their programs will be presented for review to the faculty of the university. A favorable two-thirds vote of the faculty is required before an NNU degree is granted.

The Standard General Education Program

The Honors General Education Program

Majors Offered

Minors Offered

The Standard General Education Program

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

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

To complete the General Education Program at Northwest Nazarene University, the student must take 55 semester credits of courses distributed in three categories. The categories with the number of credits required in each are:

I. Category I - Abilities (17 credits)

All courses in this category must be passed with a grade of C- (1.700) or higher.

EN 102. English Composition (3)

To be completed by end of first year of residence

EN 202. Research Writing and Critical Thinking (3)

To be completed by end of second year of residence

CO 121. Introduction to Public Speaking (2)

Or: CO 321. Advanced Public Speaking (3)

KI 100. Fundamentals of Wellness (1)

KI activity (KI 102 or KI 103 courses) - Two different courses (2)

One must be a heart healthy activity

KI 102. Heart Healthy Activities (1)

KI 103. Lifetime Sport Activities (1)

The following courses count for General Education KI activity requirements:

KI 101, KI 102, KI 103, KI 124, KI 250, KI264 (KI majors only)

Mathematics Competency (3)

MA 110. Liberal Arts Mathematics (3); or, a higher level mathematics course; or, one of the following quantitative courses approved by the General Education Council.

BU 233. Math for Business and Finance (3);

BU 333. Mathematics for Business and Finance (3);

KI 452. Tests and Measurements in Physical Education (3);

PY 364. Experimental Design and Statistical Analysis I (3)

Prerequisite: A student must have an ACT mathematics score of 21 or above, an SAT score of 550 or above, or have successfully completed MA 090 or the equivalent.

HU 101. Cornerstone (3)

To be successfully completed by the end of the first year in residence

II. Contextual Disciplines (15 credits)

BL 111. Introduction to Biblical Studies (3)

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

TH 211. Introduction to Christian Theology (3)

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

Students transferring to Northwest Nazarene University as juniors must complete 6 semester credits in biblical and theological studies which will include TH 211 and a BL or TH elective. Students transferring as seniors must complete only TH 211.

Philosophy elective (3)

Select one course from:

PL 201. Introduction to Philosophy (3)

PL 202. Ethics (3)

PL 301. History of Ancient and Medieval Philosophy (3)

PL 302. History of Modern Philosophy (3)

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

Select one U.S. history option from:

HS 203. Conflict and Consensus: American History to 1877 (3)

HS 204. Conflict and Consensus: American History from 1877 (3)

HS 325. History of American Culture (3)

HS 339. Recent America (3)

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

HS 103. The World and the West I (3)

HS 104. The World and the West II (3)

HS 348. Modern Europe (1800-Present) (3)

Cross-Cultural Experience (see experience options and written assignment listed below requirement)

One experience from Tier I; or,

Two experiences from Tier II; or,

One experience from Tier II and two from Tier III; or,

Four experiences from Tier III

And a ten page paper about the cross-cultural experience, particularly the development of knowledge, attitudes and skills, to be present in the college portfolio.

And participate in one cross-cultural awareness session (4hr, no credit) offered at least once per semester prior to participating in cross-cultural experiences. (see below)

Tier I Experiences:

Approved multi-cultural semester experience

Approved Travel (e.g., 2 week mission trip)

Students who have lived overseas for at least 1 year

Tier II Experiences:

Approved US/Canada cross-cultural experience

Cross-Cultural Courses with an additional 10-15 contact hours

Second semester Modern Language Course

The following courses have been approved as a Tier II Experience:

ED 331. Teaching the Bilingual/Bicultural Child (1)

ED 341. Content Literacy in Secondary Classrooms (3)

NU 200. Health Assessment and the Promotion of Family Health (5)

NU 302. Family Mental Health (3)

NU 401. The Family Within the Community (4)

PT 375. Compassionate Ministries (2)

SO 318. Race, Class and Ethnicity (3)

Tier III Experiences:

10 hours of approved cross-cultural contact experiences (may repeat a similar experience three times)

Cross-Cultural Courses with an additional 5-10 contact hours

First semester modern language course

The following courses have been approved as a Tier III Experience:

ED 351. Teaching Methods in Secondary Classrooms (3)

KI 363. Corrective and Adaptive Physical Education (2)

RS 356. World Religions: Asian Traditions (2)

RS 357. World Religions: Western Traditions (2)

SO 203. Cultural Anthropology I (2)

SO 204. Cultural Anthropology II (2)

SW 285b. Human Behavior and the Social Environment II (2)

III. Explorations (23 credits)

Humanities Electives (one course must be taken from each area) (6)

Art History/Music Literature Elective

AR 101. A Survey of Art and Music (3)

AR 119. Introduction to the Visual Arts (3)

AR 325. Art History I (3)

- AR 375. Art History 2 (3)
- AR 425. Contemporary Art History (3)
- MU 101. A Survey of Art and Music (3)
- MU 326. Music History: Medieval, Renaissance and Baroque (3)
- MU 327. Music History: Classic, Romantic and Modern (3)
- MU 375. Symphonic Literature (1)

Literature Elective

- EN 221. American Literature: Colonial Period to the Civil War (3)
- EN 222. American Literature: Civil War to the Present (3)
- EN 231. British Literature: Beowulf through the Age of Reason (3)
- EN 232. British Literature: The Romantic Age to the Present (3)
- EN 241. Major Literature of the Western World (3)
- EN 242. World Literature: The Ancient World to the Renaissance (3)
- EN 243. World Literature: The Enlightenment to the Modern Era (3)
- EN 321. Major Authors in American Literature (3)
- EN 324. Studies in American Literature (3)
- EN 325. The American Novel (3)
- EN 331. Major Authors in British Literature (3)
- EN 332. Shakespeare (3)
- EN 335. The British Novel (3)
- EN 341. Greek and Roman Classics (3)
- EN 344. Studies in World Literature (3)
- EN 351. Twentieth Century Poetry (3)
- EN 352. Twentieth Century Drama (3)
- EN 374. Children's Literature (3)
- EN 427. Minority Voices in American Literature (3)
- EN 434. Major Romantics and Victorians (3)
- EN 435. British Poetry Before 1700 (3)

Upper-division Bible Literature or Theology (3)

(BL, TH prefixed courses)

Science Electives with one lab requirement (7)

Science (BI, CM, NS, PH prefixed courses)

Social Science (6)

Select two areas from the following:

- Economics (EC prefixed courses)
- Geography (GE prefixed courses)
- Political Science (PS prefixed courses)
- Psychology (PY prefixed courses)
- Sociology (SO prefixed courses)
- CO 203. Interpersonal Communication (3)

HU 401. Capstone (1)

The Honors General Education Program

(Open only to students in the honors program)

To complete the honors General Education Program at Northwest Nazarene University, the student must complete HU 250, 251, 252, and 253, and 44 semester credits of courses distributed in three categories. The categories with the number of credits required in each are:

I. Category I - Abilities (12 credits)

All courses in this category must be passed with a grade of C- (1.700) or higher.

EN 202. Research Writing and Critical Thinking (3)

To be completed by end of second year of residence

KI 100. Fundamentals of Wellness (1)

KI activity (KI 102 or KI 103 courses) - Two different courses (2)

One must be a heart healthy activity

KI 102. Heart Healthy Activities (1)

KI 103. Lifetime Sport Activities (1)

The following courses count for General Education KI activity requirements:

KI 101, KI 102, KI 103, KI 124, KI 250, KI264 (KI majors only)

Mathematics Competency (3)

MA 110. Liberal Arts Mathematics (3); or, a higher level mathematics course; or, one of the following quantitative courses approved by the General Education Council.

BU 233. Math for Business and Finance (3);

BU 333. Mathematics for Business and Finance (3);

KI 452. Tests and Measurements in Physical Education (3);

PY 364. Experimental Design and Statistical Analysis I (3)

Prerequisite: A student must have an ACT mathematics score of 21 or above, an SAT score of 550 or above, or have successfully completed MA 090 or the equivalent.

HU 101. Cornerstone (3)

To be successfully completed by the end of the first year in residence

II. Contextual Disciplines (9 credits)

BL 111. Introduction to Biblical Studies (3)

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

TH 211. Introduction to Christian Theology (3)

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

Students transferring to Northwest Nazarene University as juniors must complete 6 semester credits in biblical and theological studies which will include TH 211 and a BL or TH elective. Students transferring as seniors must complete only TH 211.

Philosophy or Non-U.S. History Elective (3)

Select one Philosophy or Non-U.S. History Elective from:

HS 103. The World and the West I (3)

HS 104. The World and the West II (3)

HS 348. Modern Europe (1800-Present) (3)

PL 201. Introduction to Philosophy (3)

PL 202. Ethics (3)

PL 301. History of Ancient and Medieval Philosophy (3)

PL 302. History of Modern Philosophy (3)

U.S. History Elective (3)

Select one U.S. history option from:

HS 203. Conflict and Consensus: American History to 1877 (3)

HS 204. Conflict and Consensus: American History from 1877 (3)

HS 325. History of American Culture (3)

HS 339. Recent America (3)

Cross-Cultural Experience (see experience options and written assignment listed below requirement)

One experience from Tier I; or,

Two experiences from Tier II; or,

One experience from Tier II and two from Tier III; or,

Four experiences from Tier III

And a ten page paper about the cross-cultural experience, particularly the development of knowledge, attitudes and skills, to be present in the college portfolio.

And participate in one cross-cultural awareness session (4hr, no credit) offered at least once per semester prior to participating in cross-cultural experiences. (see below)

Tier I Experiences:

Approved multi-cultural semester experience

Approved Travel (e.g., 2 week mission trip)

Students who have lived overseas for at least 1 year

Tier II Experiences:

Approved US/Canada cross-cultural experience

Cross-Cultural Courses with an additional 10-15 contact hours

Second semester Modern Language Course

The following courses have been approved as a Tier II Experience:

ED 331. Teaching the Bilingual/Bicultural Child (1)

ED 341. Content Literacy in Secondary Classrooms (3)

NU 200. Health Assessment and the Promotion of Family Health (5)

NU 302. Family Mental Health (3)

NU 401. The Family Within the Community (4)

PT 375. Compassionate Ministries (2)

SO 318. Race, Class and Ethnicity (3)

Tier III Experiences:

10 hours of approved cross-cultural contact experiences (may repeat a similar experience three times)

Cross-Cultural Courses with an additional 5-10 contact hours

First semester modern language course

The following courses have been approved as a Tier III Experience:

ED 351. Teaching Methods in Secondary Classrooms (3)

- KI 363. Corrective and Adaptive Physical Education (2)**
- RS 356. World Religions: Asian Traditions (2)**
- RS 357. World Religions: Western Traditions (2)**
- SO 203. Cultural Anthropology I (2)**
- SO 204. Cultural Anthropology II (2)**
- SW 285b. Human Behavior and the Social Environment II (2)**

III. Explorations (23 credits)

Upper-division Bible Literature or Theology (3)

(BL, TH prefixed courses)

Humanities Electives (one course must be taken from each area) (6)

Art History/Music Literature Elective

- AR 101. A Survey of Art and Music (3)
- AR 119. Introduction to the Visual Arts (3)
- AR 325. Art History 1 (3)
- AR 375. Art History 2 (3)
- AR 425. Contemporary Art History (3)
- MU 101. A Survey of Art and Music (3)
- MU 326. Music History: Medieval, Renaissance and Baroque (3)
- MU 327. Music History: Classic, Romantic and Modern (3)
- MU 375. Symphonic Literature (1)

Literature Elective

- EN 221. American Literature: Colonial Period to the Civil War (3)
- EN 222. American Literature: Civil War to the Present (3)
- EN 231. British Literature: Beowulf through the Age of Reason (3)
- EN 232. British Literature: The Romantic Age to the Present (3)
- EN 241. Major Literature of the Western World (3)
- EN 242. World Literature: The Ancient World to the Renaissance (3)
- EN 243. World Literature: The Enlightenment to the Modern Era (3)
- EN 321. Major Authors in American Literature (3)
- EN 324. Studies in American Literature (3)
- EN 325. The American Novel (3)
- EN 331. Major Authors in British Literature (3)
- EN 332. Shakespeare (3)
- EN 335. The British Novel (3)
- EN 341. Greek and Roman Classics (3)
- EN 344. Studies in World Literature (3)
- EN 351. Twentieth Century Poetry (3)
- EN 352. Twentieth Century Drama (3)
- EN 374. Children's Literature (3)
- EN 427. Minority Voices in American Literature (3)
- EN 434. Major Romantics and Victorians (3)
- EN 435. British Poetry Before 1700 (3)

Science Electives with one lab requirement (7)

Science (BI, CM, NS, PH prefixed courses)

Social Science (6)

Select two areas from the following:

- Economics (EC prefixed courses)
- Geography (GE prefixed courses)
- Political Science (PS prefixed courses)
- Psychology (PY prefixed courses)
- Sociology (SO prefixed courses)
- CO 203. Interpersonal Communication (3)

HU 401. Capstone (1)

Honors Programs Note: Completion of the year-long Honors Program satisfies the following Standard General Education requirements, which are not listed above: EN 102. English Composition (3), CO 121. Introduction to Public Speaking (2), a Philosophy elective, or a non-U.S history elective.

Majors Offered

Northwest Nazarene University offers undergraduate degrees in 31 majors. The degree requirements are given in this catalog in the section describing the sponsoring department. The majors offered are:

- Accounting
- Applied Studies
- Art
- Biology
- Business Administration
- Chemistry
- Christian Ministry
- Communication
- Computer Science
- Cultural Studies
- Elementary Education
- Engineering Physics
- English
- History
- International Studies
- Journalism
- Liberal Studies
- Mass Communication
- Mathematics
- Music
- Nursing
- Philosophy
- Philosophy and Religion
- Physics
- Political Science
- Pre-Physical Therapy
- Psychology
- Recreation and Sports Management

Secondary Education

Social Work

Spanish

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

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

Minors Offered

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

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

Bible

Biblical Languages

Broadcasting

Business Administration

Children's Ministry

Christian Education

Communication

Computer Science

Criminal Justice

Cultural Studies

Drama

Economics

Environmental Science

Global Business

Graphic Design

History

Literature

Management

Marketing

Mathematics

Media Production

Military Science

Missions

Music

Pastoral Ministries

Philosophy

Photography

Physics

Political Science

Professional Writing

Psychology

Social Welfare

Spanish

Studio Art

Worship and Music Ministry

Worship Leadership

Youth Ministry

Academic Perspectives

Academic Load
Probation And Dismissal
Academic Integrity
Academic Renewal
Additional Degree
AP Credit
Changes In Registration
Class Attendance
Classification Of Students
Course Numbering/Cancellation
CLEP
Local Examination
Military Experience
Dantes Testings
IB Program
Non-Classroom Experiences
Substitution Or Exemption
Directory Information
Eligibility To Compete And/Or Perform
Athletic Eligibility
Grade Reports
Grading System
Grade Appeal
Non-Grade Appeals
Honor Society
Honors At Graduation
Non-Credit Classes
Semester Credit
Quad Credit
Official Enrollment
Repeated Courses
Recommendations
Student Access To Records
Semester Length
Transcript
Transfer Of Credits
Drop From Courses
Withdrawal From Courses
Withdrawal

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 Standing

Students who have semester and cumulative grade point averages (GPA) at or above the university standard are considered to be in good academic standing. (1.75 for first year students, 2.0 for all others)

First year students who earn a cumulative GPA below 1.75 for two semesters will be academically suspended from the university.

After the first year of residency, if a semester GPA is below standard, the student will be notified via a letter stating that he/she is on "academic warning" status. Students on academic warning are considered to be in good academic standing.

If the cumulative GPA falls below standard, the student will be placed on "probationary" status. Students on probation do not have good academic standing.

If, while on probation, a student earns a semester GPA that is below the university standard, the student will be academically suspended from the university.

If a student's grades were hindered by unforeseen circumstances, the student may appeal the suspension through written communication to the Academic Progress Committee. The process of appeal does not guarantee reinstatement.

Students who have been academically suspended may be reinstated after providing a transcript showing a minimum of 12 credits earned with a GPA of at least 2.0. Academic standing is determined by the student's Northwest Nazarene University cumulative grade point average.

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 outcomes of Christlike Character and Academic Excellence by fostering a spirit of honest intellectual inquiry. The University has identified as unacceptable practices including, but not limited to:

1. Cheating in its various forms, whether copying another student's work, allowing your own to be copied, using unauthorized aids on an examination, having someone else take an exam for you (in class or take-home), submitting as your own another person's work, rescheduling an exam relying on a false excuse;
2. Plagiarizing, e.g. presenting as your own the words or ideas of another person, including inadequate documentation of sources (electronic, Internet, or print) and excessive dependence on the language of sources even when documented, relying on a similar order of sentences while altering a few words or word order;
3. Submitting the same work for more than one 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. Signing a roll sheet for another student who is not in class;
6. Fabricating data: This includes falsifying or manipulating data to achieve desired results, reporting results for experiments not done (dry labbing), or falsifying citations in research reports;
7. Denying other students access to academic information whether in the classroom, library (by hiding books, for example), or computer lab;
8. Destroying, altering, or tampering with another student's work to impede academic progress;
9. Stealing problem solutions from a professor or computer file;
10. Falsely reporting completion of reading assignments.

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

At the instructor's discretion, depending on the nature of the offense, the student's grade or ability to earn credit for the course may be affected. All students who violate the principles of academic integrity will be reported to the appropriate academic school and the Vice President for Academic Affairs. Violations may also lead to further disciplinary action through the Academic School Dean in cooperation with the office of the Vice President for Academic Affairs. This report shall include a brief description of the offense. In serious cases, or cases that constitute repeat offenses, the student may be suspended or expelled.

Academic Renewal

Northwest Nazarene University provides academic renewal through the "All-C Grades or Better" option. Under this option only courses with a grade of C- (1.7) or better will be used in determining degree qualification and grade-point average calculation. Students wishing to graduate on the "All-C-grades-or-better" option must have this plan approved by the Registrar.

Additional Bachelor's Degree

Northwest Nazarene University offers two different undergraduate degrees: Bachelor of Arts and Bachelor of Science.

A student may earn an additional bachelor's degree upon completion of at least 32 distinct semester credits in addition to the total credits required for the first degree.

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

1. All requirements for the second degree must be met.
2. A minimum of 16 credits, including at least 10 upper-division credits, must be taken at NNU.
3. A student who has not completed residency must complete at least 32 semester credits, including at least 10 upper-division, at NNU.
4. Theology 211 must be taken, which will apply toward a minimum 6-credit requirement in Theology and/or Biblical literature.

Advanced Placement Credit

A maximum of six (6) semester credits per course will be awarded for high school one year Advanced Placement courses.

Credit for AP exams is accepted (granted) as transfer credits from the Educational Testing Service, even if such credit appears on the transcript from another institution. Original documentation is to be secured from ETS and these 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 will be determined by the NNU Registrar.

Credit will be granted as follows:

Test Name	NNU Equivalent	Credit
History of Art	AR 101 Survey of Art and Music	3
	Art Literature Elective	3
Music Learning and Literature	AR 101 Survey of Art and Music	3
	Music Literature Elective	3
Music Theory	MU 121 Music Theory	3
	MU 122 Music Theory	3
Biology	BI 221 General Biology I: Foundations of Biological Diversity	4
*Chemistry	CM 221 General Chemistry I	4
*Calculus BC	MA 251 Calculus 1	4
*Physics B	PH 111 College Physics I	4
*Physics C	PH 211 College Physics I	4
English Lang./Comp.	EN 102 English Composition	3
	English Elective (Not Literature)	3
English Lit./Comp.	EN 102 English Composition	3
	Literature Elective	3
Microeconomics	EC 241 Microeconomics Analysis	3
Macroeconomics	EC 242 Macroeconomics Analysis	3
US Government and PS	PS 101 American National Politics	3
	PS Elective	3
U. S. History	HS 203 Conflict and Consensus:	
	American History to 1877	3
	U. S. History Elective	3
European History	Two World History Electives	6
French Language	FR 101	6
French Literature	FR 101	6

German Language	One Language Elective	6
Latin	One Language Elective	6
Spanish Language	SP 101	6
Spanish Literature	SP 101	6
Statistics	MA 224 Elementary Statistics	3

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

Changes In Registration (Drop/Add)

Adding a course is permitted through the 4th day after the first day of class. Dropping a course is permitted through the 8th day after the first day of class without the transaction appearing as a “W” on the student’s permanent record. The last day to withdraw from a 14-15 week semester course is the 8th day after the midterm grade due date of each semester. The last day to withdraw from a quad course is the 20th day of each quad session.

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

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

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

Class Attendance

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

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

Classification Of Students

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

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

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

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

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

Special Student refers to students who are allowed to attend NNU without submitting the credentials required for admission with regular status. Students under this status are allowed to register for six (6) or fewer credits during any semester except the Summer Session.

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:

090-085	Remedial elective university credit
100-199	Freshman level courses
200-299	Sophomore level courses
300-399	Junior level courses
400-499	Senior level courses
500-699	Graduate level courses

Students may enroll in a course numbered one level higher than their classification with the exception of the lowest quartile freshmen, and sophomores who have a cumulative grade point average less than 2.000.

Reserved Course Numbers:

- 194, 294, 394, 494 Topical Study (1-3) - A study of an area not covered by other courses.
- 395, 495 Practicum (1-3) - A combination of classroom instruction and out-of-class supervised practical experience by the student.
- 196, 296, 396 Field Experience (1) - An out-of-class supervised experience.
- 396, 496 Internship (1-3) - An advanced, off-campus supervised experience in the student's major discipline. Internships may carry up to 16 hours of credit. A minimum of 45 internship hours is required for one semester credit.
- 397, 497 Research, Major Projects, Senior Thesis
- 298, 398, 498 Seminar
- 199, 299, 399, 499 Independent Study (1-3) Individualized out-of-class supervised study.

Cancellation of Courses

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

College Level Examination Program (CLEP)

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

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

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

No grades or quality points will be assigned CLEP credits.

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

Credit By Local Examination

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

Credit For Military Experience

Credit for experience in the armed forces of the United States may be allowed in accordance with the recommendations of the American Council on Education. Official documents covering the work must be submitted to the Registrar for evaluation.

Dantes Testing

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

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

International Baccalaureate Program

Northwest Nazarene University is committed to granting credits for the IB program. It will grant 5 lower-division semester credits to be applied to general education and/or major requirements, or elective credit for each higher level course completed with a score of 5, 6, or 7. No credit is granted for subsidiary level courses.

Maximum Credits For Non-Classroom Experience

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

Degree Requirement Substitution Or Exemption

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

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

Directory Information

The Family Education Right to Privacy Act (FERPA) enacted in 1979 advises institutions to comply with policy concerning the release of directory information. NNU Business Department publishes a student directory during the fall semester, which includes a listing of the student's name, phone number, dorm and home address. A student photo is also included. NNU follows the FERPA guidelines of disclosure of personal information.

Directory information is considered not harmful nor invades student privacy, some of which is included in the student directory.

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

Non-Directory Information is personally identifiable information and is not given.

Student ID Number
 Social Security Number*
 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. Students may request that directory information not be disclosed.

Eligibility To Compete And/Or Perform

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

Intercollegiate Athletic Eligibility

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

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

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

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

Students who wish to compete in intercollegiate athletics must be enrolled for at least 12 credits during the semester of intercollegiate athletic competition. Other requirements to compete include:

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

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

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

Grade Reports

Grades are distributed to students at the end of the semester through the "myinfo" web-based system. A parent will 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
P	Passing work	
I	Incomplete work ("I" must be followed by a letter grade)	
IP	In progress	
L	Long-semester	
X	No final examination ("X" must be followed by a letter grade)	
K	Conditional mark	
W	Withdrawal	
NC	No credit	
AU	Audit	

A grade of F indicates failure and necessitates a satisfactory repetition of the course before credit can be allowed. In approved classes a grade of P may be assigned. A grade of I or X indicates incomplete work. An incomplete may be given when, because of extreme circumstances, a student requires an extension of time to complete course work. An I may be granted only by petition, which the student may initiate through the professor or the professor may initiate on a student's behalf. The request must be approved by the Academic Council or by persons delegated by it. When an I or X is submitted, it will always have a suffix grade attached which the student will receive if no further work is done for the course, e.g. ID or XF. Normally, if the incomplete is not made up two weeks before the close of the semester following the one in which the mark was incurred, the prefix I or X will be dropped from the grade unless an additional request is made and granted to have the period of the incomplete extended. An instructor may request that the student make up the deficiencies before the end of the semester. On a pass/fail grade an "IP" may not be assigned. The only incomplete grade that can be assigned to a pass/fail course is "IF".

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

A grade of K is a temporary grade to be used in sequence courses when a student has failed the first course, but has been given permission to continue in the next course. An appropriate grade will be given to replace the K when the second course is completed. If the second course is not completed, the grade of K becomes an F.

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

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

Grade Appeal

Meeting Between The Student And Faculty Member: The student will take all reasonable measures to address and resolve the matter with the course instructor. This initial step may involve but does not require a written appeal; rather, the intent is to address and if possible resolve the matter between the course instructor and the student. Following the conclusion of this process the student will be informed by the instructor if a change will be made.

Meeting With The Student, Faculty Member, Department Chair or School Dean: If the first step does not resolve the matter the student may file a written appeal using the **Special Academic Petition** form and schedule an appointment with the chair of the department within which the course is offered. This meeting will include the student, course instructor and department chair. If the department chair is also the course instructor, then the school dean responsible for the department in which the course was offered will take part. Upon the conclusion of this meeting, the student will be informed if the appeal was approved or denied in writing by the department chair or school dean no later than five working days after the meeting.

Meeting With The Student, Faculty Member, Department Chair and School Dean or Vice President for Academic Affairs: If the second step does not resolve the matter to the student's satisfaction, then the student may request an appointment

with the school dean having responsibility for the course offered. This meeting will include the student, course instructor, department chair and school dean. All documents related to the appeal are forwarded to this group with a cover letter from the student indicating facts that support the reconsideration of the appeal. If the school dean is involved, as addressed in the second step, then the appeal is directed to and an appointment is scheduled with the Vice President for Academic Affairs. Upon the conclusion of this meeting, the student will be informed if the appeal was approved or denied in writing by the school dean or Vice President for Academic Affairs no later than five working days after the meeting.

Action of the Academic Council, Undergraduate: If the third step does not resolve the matter to the student's satisfaction, then the student may file a written appeal in the form of a letter to the chair of the Academic Council, Undergraduate, requesting reconsideration of the appeal. All documents related to the appeal are forwarded to this group. The chair of the council will convene a meeting of the council in a timely manner, or place the appeal on the agenda for the council's next regularly scheduled meeting. The council will review the written appeal and may receive comments from those directly involved including the student, the course instructor, the department chair, and/or the school dean and then will resolve the matter in executive session. Upon the conclusion of this meeting the student will be informed if the appeal was approved or denied in writing by the council's chair no later than five working days after the meeting. The decision of the council is final. In the event that the council, by vote, evenly divides on the appeal, the prior decision of step three will stand.

Assumptions

1. By filing a Special Academic Petition form, the student agrees that all documentation necessary for consideration of the appeal will be available to those named in the Academic Appeal Process.
2. In order to move the appeal to the next step, the student will respond in writing to the previous action.
3. Written notification to the student from any individual or group regarding action on the appeal will be made in writing using campus E-mail, campus mail or a local address as indicated on the Special Academic Petition form.
4. Final records of the appeal process will be kept in the Office of the Registrar.
5. All information considered by the respective groups will be considered confidential and the following statement will be read prior to consideration of any student appeal.

This is to be read at the beginning of each appeal hearing:

This is a reminder that confidentiality is an integral part of the appeal process. The individuals and groups hearing an appeal must have access to sensitive information in order to conduct reviews. Participants must protect the confidentiality of this information. Unless indicated otherwise, all meeting materials, testimony, and discussions related to the appeal process are confidential. Please remember that confidentiality has no expiration date—it lasts forever!

Non-Grade Appeal

Filing of the Appeal: Any appeal concerning undergraduate academic policies and not involving a course grade shall begin with the student completing and filing a **Special Academic Petition** form with the university Registrar.

Action of the Registrar: The Registrar will either grant or deny the petition, and will notify the student in writing no later than five working days after receiving the completed special Academic Petition form.

Action of the Appeal Committee: If the decision of the Registrar does not resolve the matter to the student's satisfaction, the student may file a written appeal in the form of a letter to the chair of the Academic Council, Undergraduate, requesting reconsideration of the appeal. The chair of this group will appoint an appeal committee to consider the matter. The appeal committee will review the written appeal and may receive comments from those directly involved including the student. Upon the conclusion of the meeting of the appeals committee the student will be informed if the appeal was approved or denied in writing by the appointed chair of the appeal committee no later than five working days after the meeting.

Action of the Academic Council, Undergraduate: If the decision of the appeals committee does not resolve the matter to the satisfaction of the student, the student may request that the Academic Council, Undergraduate, hear the appeal. This request will be in the form of a letter to the chair of this group. All documents related to the appeal are forwarded to this group. The chair of the council will direct this written appeal to the full council and will convene a meeting of the council in a timely manner, or place the appeal on the agenda for the council's next regularly scheduled meeting. The council will review the written appeal and may receive comments from those directly involved including the student, and then will resolve the matter in executive session. Upon the conclusion of this meeting the student will be informed if the appeal was approved or denied in writing by the council's chair no later than five working days after the meeting. The decision of the council is final. In the event that the council, by vote, evenly divides on the appeal, the prior decision of the appeal committee shall stand.

Assumptions

1. By filing a Special Academic Petition form, the student agrees that all documentation necessary for consideration of the appeal will be available to those named in the Academic Appeal Process.
2. In order to move the appeal to the next step, the student will respond in writing to the previous action.
3. Written notification to the student from any individual or group regarding action on the appeal will be made in writing using campus E-mail, campus mail or a local address as indicated on the Special Academic Petition form.

4. Final records of the appeal process will be kept in the Office of the Registrar.
5. All information considered by the respective groups will be considered confidential and the following statement will be read prior to consideration of any student appeal.

This is to be read at the beginning of each appeal hearing:

This is a reminder that confidentiality is an integral part of the appeal process. The individuals and groups hearing an appeal must have access to sensitive information in order to conduct reviews. Participants must protect the confidentiality of this information. Unless indicated otherwise, all meeting materials, testimony, and discussions related to the appeal process are confidential.

Please remember that confidentiality has no expiration date—it lasts forever!

Honor Society

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

Honors at Graduation

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

Non-Credit Classes

With the consent of the Registrar and the instructor concerned and upon payment of the non-credit fee, a student may enroll in approved courses on a non-credit basis. Senior citizens who are 60 years of age or older may enroll for courses each semester tuition-free, provided the section limit (if applicable) has not been reached. A person who enrolls in a course on a non-credit basis may not receive credit for it without re-enrolling for the course.

Semester Credit

One semester credit is a quantitative measure representing a class meeting once a week for 14 weeks for 60 minutes together with out-of-class preparation of approximately two hours per week, or the equivalent.

Quad Credit

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

Official Enrollment

Official enrollment at Northwest Nazarene University means that a student has prepared and submitted to the Registrar a schedule of classes which have been approved by the Academic Advisor or the Major Advisor 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. All students are expected to be present and to complete registration on the days scheduled for this purpose.

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

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

Repeated Courses

Students may repeat courses which they previously completed. Credit is allowed only once, and the credit earned and grade point average will reflect the most recent grade. While the original course and grade remain on the permanent transcript, they are not used to calculate credits earned or the cumulative grade point average. Courses that may be repeated for credit are so designated

in their course description. If a student desires to replace an NNU course with a transfer course, a petition for a course repeat must be filed with the Registrar before enrolling in the course.

Recommendations

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

Student Access To Records

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

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

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

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

Semester Length

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

Transcript Of Academic Record

Students may review their academic records upon request and presentation of photo identification. Students may have an official transcript of their record prepared upon completion of a signed request in the Registrar's Office. Such official transcripts will be supplied only when the student's account is in good standing. **Usually a minimum of five business days is required for processing official transcripts.**

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

Transfer Of Credits

Northwest Nazarene University accepts university-level credits earned in academic degree programs at colleges and universities accredited by regional accrediting associations. Credits earned in other institutions are granted on a case by case basis. The University does not accept for credit courses in which a grade lower than C- (1.70) was received, nor does it accept remedial, developmental, vocational, or technical courses. Transcripts are evaluated by the Registrar. A transfer student's classification is based on the total number of credits accepted. A maximum of 62 semester credits may be transferred from a two-year school. The computation of cumulative grade point average is based only on grades received at Northwest Nazarene University.

Transfer of Associate of Arts Degree

Associate of Arts Degrees from Alaska, Colorado, Idaho, Nevada, Oregon, Utah, and Washington state community colleges as well as the Northwest Community College District of Wyoming will be accepted by Northwest Nazarene University. A student who enrolls at Northwest Nazarene University with an Associate of Arts Degree completed prior to admission from one of the state community colleges listed above will receive:

1. Junior standing
2. Transfer credit up to a maximum of 62 semester credits

3. Waiver of all general education requirements, with the following exceptions:
 - a. **TH 211 Introduction to Christian Theology (3 credits)**
 - b. **An elective in Bible Literature or Theology (3 credits)**
 - c. **KI 100 Fundamentals of Wellness (1 credit)**
(An equivalent transfer course may be substituted for this requirement)
 - d. **HU 401 Capstone (1 credit)**
 - e. **One Cross-Cultural Experience from any Tier**
 - f. **Math Competency**
MA 110 Liberal Arts Mathematics (3 credits); or a higher level mathematics course; or a quantitative course approved by the General Education Council
(An equivalent transfer course may be substituted for this requirement)
 - g. **Students who earned a grade of “D” from the transferring institution will be required to repeat the courses in which NNU requires a grade of “C-“ or better.**
 - h. **All students defined as freshmen by IPEDS must complete the Cornerstone course. This includes all students who have graduated from high school the year prior to enrollment at NNU, regardless of the number of college credits or degrees earned while in high school.**

Students with an Associate of Arts degree from a regionally accredited institution other than those listed above may file a petition with the Registrar for consideration of acceptance of the degree.

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

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

The minimum number of credits required to complete a degree is 124 semester credits of which 43 must be upper-division (courses numbered 300 and above). For a complete listing of the undergraduate degree requirements, refer to the previous chapter.

Drop From Courses

Students, who “drop” a class, must do so before the 8th day after the first day of classes in any semester. Students must complete a course drop form available in the Office of the Registrar or Academic Advising and obtain approvals from the major advisor and office of Academic Advising. Dropped classes will not be recorded on the permanent record.

Withdrawal From Courses

Students desiring to “withdraw” from courses by the 8th day after midterm exams in any semester must complete a course withdrawal form available in the offices of the Registrar or Academic Advising and obtain approvals from the instructor, major advisor, and Office of Academic Advising. Withdrawals will be recorded on the permanent record as a “W” and will not be granted after the 8th day following the midterm grade due date of the semester.

Withdrawal From University

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

Special Programs And Study Opportunities

NNU Programs
Undergraduate

NNU Programs

College/High School Integrative Programs

Concurrent Credit Program:

The Concurrent Credit Program at Northwest Nazarene University is designed to enrich the educational opportunities of pre-college students who have demonstrated high academic ability. This program unites the services of NNU with high school and home school students offering university-level credits for selected courses administered through NNU and taught at local and online high schools by NNU-approved instructors. The Concurrent Credit Program is fully accredited by the National Alliance Concurrent Enrollment Partnerships (NACEP). Tuition is \$65 per credit.

Express Education Program:

The Express Education Program at Northwest Nazarene University is designed for high school students who wish to enroll in university classes while maintaining their enrollment and participation in high school or home school. Express students travel to NNU and attend classes with traditional undergraduate students. This program allows the student, at least 16 years old or high school junior status, to enroll in any 100 or 200 level course, provided they meet the prerequisites. Included in the \$210 per credit tuition is an ID card, technology fee, access to the library, sports center, athletic events, and computer labs. Books are purchased separately.

Undergraduate Special Programs and Study Opportunities

Individualized Major
Honors Program
Summer School
Academic Support
Military Science
Off-Campus Programs
Graduate Studies
Extended University Services

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. Guidelines for the Individualized Major may be obtained from the Registrar. The Curriculum Committee of the school in which that department is located must approve this plan. The plan will be presented to the Academic Council Undergraduate for monitoring and compliance. Only those plans exhibiting unusual merit will be approved. The guidelines for the minimum and maximum number of credits for each individualized major are listed below:

Major	Minimum Credits	Maximum Credits	Upper-Division Requirement
Departmental Major	30	40	Approx. 22
Interdepartmental Major	50	59	Approx. 27

Honors Program

This program, which provides an integrative learning experience for academically superior freshmen, is offered as an alternative to some of the general education requirements. The program introduces students to a unified and flexible approach to knowledge. It offers significant interdisciplinary learning experiences during the first year at NNU. Class structure includes team teaching

and small discussion groups. Students accepted into the program form a cohesive learning group that stays together for the entire academic year. The screening and selection committee establishes specific program acceptance criteria. Enrollment is limited. Graduation requirements for students in the honors program are the same except for the general education program.

Summer School

Summer School is designed to provide students with opportunities that will help complete or enhance their university degree by providing core and elective courses. Students may optimally plan their collegiate career with the assistance of their advisors. Potentially, some degrees could be achieved in three years with Summer School courses. Summer School could also help students avoid extra semesters. Incoming freshmen and transfer students are welcome to take Summer School classes at NNU.

Academic Support Center

Faculty: Barbara S. Howard, Kathy Burns

The Academic Support Center supports the entire academic program by providing full-time students with 1) university study skills instruction, 2) reading instruction, 3) mathematics instruction, 4) computer instruction, 5) course-related tutoring, 6) instruction on editing papers, and 7) individualized learning activities in such areas as spelling improvement and general editing improvement, vocabulary building, speed reading, analytic reading, and pre-professional achievement test preparation. Many of these options are available for credit.

The Academic Support Center is a comfortable, open study area with individual study rooms and seating capacity in the larger study area for 20 students.

Department Of Military Science

Coordinator: Major Rodney Nelson

Objective: Provides the opportunity for NNU students to earn a commission in the United States Army, Army Reserve, or Army National Guard while pursuing a baccalaureate degree.

General: NNU is affiliated with the Senior Division, Army Reserve Officer Training Corp (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 32-day summer leadership course or two years and two summer leadership courses.

A complete statement of requirements is available in the Military Science office.

Financial Assistance

Each advanced course student (Junior/Senior) receives an allowance of \$400 - \$500 per month for up to ten months during the school year for two years. Summer Leadership course pay is in addition to meals, quarters, medical/dental, and travel pay is \$775 (approximately). A uniform allowance of \$300 is paid to each commissioned student upon entry to active duty.

Off-Campus Programs

CCCU

Sister Universities

Additional Off-Campus

Council For Christian Colleges And Universities (CCCU)

Coordinators: Mark Gismondi, International Programs; Steve Shaw, U.S. Programs

For more information regarding all study abroad programs, please visit the History and Political Science Department's web site.

American Studies Program (ASP)

Founded in 1976, the American Studies Program has served hundreds of students from member institutions as a "Washington, D.C. campus." ASP uses Washington as a stimulating educational laboratory where collegians gain hands-on experience with an internship in their chosen field. Internships are tailored to fit the student's talents and aspirations and are available in a wide range of fields. They also explore pressing national and international issues in public policy seminars which are issue-oriented, interdisciplinary and led by ASP faculty and Washington professionals. ASP bridges classroom and marketplace, combining biblical reflection, policy analysis and real-world experience. Students are exposed to on-the-job learning that helps them build

for their future and gain perspective on the calling of God for their lives. They are challenged in a rigorous course of study to discover for themselves the meaning of Christ's lordship in putting their beliefs into practice. The aim of the program is to help Council schools prepare their students to live faithfully in contemporary society as followers of Christ. Students earn 16 semester hours of credit.

Au Sable Institute of Environmental Studies

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

Contemporary Music Program (CMP)

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

Los Angeles Film Studies Center (LAFSC)

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

Australia Studies Centre (ASC)

Students have the opportunity to spend a semester at the Wesley Institute in Sydney, Australia. The Institute's curriculum focuses on the arts and theology, though a few other humanities credits are offered. All students are required to take a course on Australian history and culture. Numerous other course offerings are available in areas like Old and New Testament theology, drama, music, and graphic design. Students have the opportunity to travel into the Australian outback, do service or ministry projects, and live with a Christian family in Sydney. Sixteen credit hours are available through this program.

China Studies Program (CSP)

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

Jerusalem University College

Coordinator: Wendell Bowes, Department of Philosophy and Religion.

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

Latin-American Studies Program (LASP)

Students of CCCU colleges have the opportunity to live and learn in Latin America through the Latin American Studies Program, based in San Jose, Costa Rica. The program introduces students to a wide range of experiences through the study of the language, literature, culture, politics, history, economics, ecology and religion. Living with a Costa Rican family, students experience and become a part of the day-to-day lives of typical Latin Americans. Students also take part in a service opportunity and travel for three weeks to nearby Central American nations. Students participate in one of four concentrations: Latin American Studies

(offered both fall and spring semesters); Advanced Language and Literature (limited to Spanish majors and offered both fall and spring semesters); International Business and Management (offered only in fall semesters); and Tropical Sciences (offered only during spring semesters). Students in all concentrations earn 16 semester credits.

Middle East Studies Program (MESP)

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

Russian Studies Program (RSP)

RSP students are exposed to the depth and diversity of the culture during a semester spent in Russia's three largest cities: Moscow, St. Petersburg and Nizhni Novgorod. In addition to three seminar courses entitled History and Sociology of Religion in Russia; Russian Peoples, Cultures and Literature; and Russia in Transition, students receive instruction in the Russian language, choosing either 4 or 6 semester hours of language coursework. For those choosing 4 hours of Russian, a seminar course, International Relations and Business in Russia, is available. RSP strives to give students as wide an experience as possible in this complex nation, beginning with time in Moscow, the heart of both medieval and modern Russia. Students then spend 12 weeks in Nizhni Novgorod, a strategic city on the Volga River. After six weeks of language instruction, students live with a Russian family for the remainder of their stay in this city. Students also participate in a service opportunity in Nizhni Novgorod. The program concludes with time in the complex and intriguing city of St. Petersburg, the Russian "window to the West." Students earn 16 semester hours of credit.

Summer Program – Oxford

This program allows students (sophomores, juniors, and seniors) to spend a summer studying at Wycliffe Hall, a college within Oxford University. All students participate in a lecture series examining the influence of Christianity on Western Culture. The program also includes elective courses in history, religious studies, English, and the history of science. Graduate and seminary students, non-traditional students, and those engaging in teacher education or continuing education are encouraged to apply as well. Students spend three weeks at Oxford, usually in June and July, and can earn 2-5 credits.

The Scholar's Semester at Oxford (SSO)

The Scholar's Semester at Oxford program (SSO) invites students in their junior and senior year to study at one of the most prestigious universities in the world. Students in the SSO will be enrolled as Visiting Students at Wycliffe Hall, Oxford, a status that provides access to more Oxford facilities (e.g., libraries and intramural sports) than were available under the previous program. Courses are available in a number of fields, such as theology, philosophy, history, and other areas within the humanities, liberal arts, and social sciences. In addition to enrolling in two tutorials (courses typically taken one-on-one with a faculty member) and a lecture series, students take an integrative seminar involving a number of travel opportunities and field trips. Housing is provided either on campus at St. Hughes College or in other facilities within walking distance of the university. Students in this program may earn up to 17 semester credits.

Uganda Studies Program

Students enrolled in the program study at the Uganda Christian University, located in Mukono, Uganda, approximately thirty miles from the capital, Kampala. Students are enrolled in the Honours College and participate in courses centered on African history, culture, traditions and religions, as well as literature. Service and local travel opportunities are provided through the faith and practice seminar required of all students. Such opportunities may include working with the homeless, assisting in AIDS ministries, teaching the underprivileged, and working alongside Ugandan students on improving facilities. In addition, the University offers a number of electives in geography, philosophy, theology, and the Ugandan language. Uganda is a beautiful country with a tremendous diversity of terrain and wildlife. During the semester, students take field trips to a number of exotic destinations, including Lake Victoria, the source of the Nile in Jinja, and the Queen Elizabeth National Park. Students in this program may earn up to 16 semester credits.

Sister University Programs

Ambrose University College

Ambrose University College is located in Calgary, Alberta, Canada. The college offers several academic programs, including: Diploma in College Studies, General Studies, Religious Studies, Church Music, Youth and Family Studies, and Theology.

Under the student visitation agreement, students from CNUC or NNU might attend the other institution for one semester to study under a particular faculty member, to engage in a particular program of study, or to study in another part of North America.

European Nazarene College

European Nazarene College is located in the village of Büesingen, a German enclave on the northern border of Switzerland. The campus overlooks the Rhine River and is just an hour's drive from Zurich and two hours from the Alps. The college offers the Bachelor of Arts degree through affiliation with MidAmerica Nazarene University, and is accredited by the Northwest Commission on Colleges and Universities. It is an educational institution in the Wesleyan tradition, which exists to prepare laypeople and future pastors for ministry in the church. Courses are offered in Bible, biblical languages, church history,

communications, ministry, missions, music, philosophy, social science, and theology. Most EuNC students come from countries in the Eurasia region - Europe, western Asia, the Middle East, and North Africa. Classes are in English.

Korea Nazarene University

Korea Nazarene University is a four-year university located in Chonan City about 40 miles south of Seoul, the capital of the nation. The distinctiveness of the university is to provide a Christian educational environment while preparing students to take leadership in the 21st century global community.

NNU students may choose to attend the normal curricular offerings of the university, which are focused around two undergraduate divisions and four departments. The Division of Computer Science has two majors: Computer Science and Computer Information Systems. The Division of Theology has three majors, Theology, Christian Education, and Missions. The four departments are English, Rehabilitation, Education of Children, and Music. The Music Department has two majors, Piano and Voice.

Nazarene Theological College of Australia

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

Romania Studies Program

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

Additional Off-Campus Study Programs

Africa Nazarene University

Africa Nazarene University is located in Nairobi, Kenya. The university offers undergraduate majors in religion, computer science, and business administration. In addition to courses related to these majors, ANU offers a wide range of general education courses.

NNU students desiring to study at ANU for one semester should gain approval from the student's advisor and the NNU registrar for the courses to be taken at ANU to assure the credits earned will meet one or more of NNU's graduation requirements.

Kazak-American Free University

Coordinator: Dr. David Houghton, Department of Business and Economics.

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

Universidad Internacional-Mexico

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

Graduate Studies

Northwest Nazarene University provides graduate programs in business, education, counseling, Christian ministries, and social work. Additional information and a copy of the graduate catalog may be found on the NNU website at www.nnu.edu.

For program advising and graduate curricular questions please contact the following:

Masters Program	Director	Phone	E-mail
Business	Dr. Ron Galloway	(208)467-8123	mba@nnu.edu
	Prof. Brenda Johnson	(208)467-8415	mbaonline@nnu.edu
Curriculum and Instruction	Dr. Steve Mountjoy	(208)467-8341	ci@nnu.edu

Educational Leadership	Dr. Mike Poe	(208)467-8341 el#nnu.edu
Exceptional Child	Dr. Karen Smucker	(208)467-8341 ec@nnu.edu
Counseling	Dr. Brenda Freeman	(208)467-8345 counseling@nnu.edu
Christian Education	Dr. Mark Maddix	(208)467-8368 mar@nnu.edu
Divinity (M.Div.)	Dr. Mark Maddix	(208)467-8368 mdiv@nnu.edu
Missional Leadership	Dr. Jay Akkerman	(208)467-8368 mar@nnu.edu
Pastoral Ministry	Dr. Jay Akkerman	(208)467-8368 mar@nnu.edu
Spiritual Formation	Dr. Jay Akkerman	(208)467-8368 mar@nnu.edu
Social Work	Professor Mary Curran	(208) 467-8679 msw@nnu.edu

Extended University Services

Course of study:

The Course of Study Online is ministerial training done via the computer. The 24 modules (courses) are provided by the Clergy Development Office of the Church of the Nazarene. Each module is produced by a recognized, experienced educator in the Church of the Nazarene. These modules are written for delivery in a classroom setting and are adapted for presentation online. The modules are offered as professional training which is distinct from the courses for academic credit offered by the University. Module facilitators are ordained Nazarene pastors currently serving in Nazarene Churches throughout North America. Each holds a minimum of a Master's degree. Many have earned doctorates.

The COS Online program is open to anyone pursuing ordination in the Church of the Nazarene through the modular course of study program. The program is offered in either English or Spanish. For more information, contact the Course of Study Online (English) office at (208)467-8371 or the Course of Study Online (Spanish) office at (208)467-8337.

Professional Development:

The Center for Professional Development at Northwest Nazarene University provides convenient and life-friendly classes for working adults. Programs include community education classes for personal improvement, professional development and apprenticeship classes for business and individuals and customized training programs delivered on request to employers throughout the Treasure Valley.*

Electrician Apprentice

The Electrician's apprenticeship program is a non-credit program preparing individuals for industrial, residential and commercial electrical journeymen positions as well as successfully completing the State of Idaho Journeyman Licensing Exam. The curriculum is taught by local active electricians who know the challenges of today's market and includes classroom instruction in safety, tools of the trade and theory in all aspects of the electrical trade. A minimum of 144 hours in class instruction and 2,000 working hours per year are required.

The First Time Home Buyer Education

The Finally Home! Class addresses the issues that potential home owners face. Graduating from the class can put the prospective home buyer in line to receive up to \$3,000 in down-payment of closing-cost assistance from

IHFA. A qualified graduate also may be eligible to use gifted funds at the time of closing, could qualify for lower mortgage insurance premiums and may be able to participate in programs that accept higher debt ratios. The Finally Home! Course is offered in partnership with the First Time Home Buyers Education Program. The course is offered the second Saturday of every month and is held from 8:30 a.m. - 5:00 p.m. (.8 CUE)

Seminars

Business seminars addressing current business topics are available throughout the year. Contact the Center for Professional Development at (800) 349-6938 to obtain a seminar schedule. (CEU)

*Continuing Education courses are designed for professional development and are not normally considered part of a degree program.

Student Life

Northwest Nazarene University is committed to the development of the whole person. The opportunities provided by a residential campus setting add significantly to one's education. Education involves not only the mind, but 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.

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

Lifestyle Expectations

Campus Life

Clubs And Organizations

Support Services

Spiritual Life

Residential Life

Residence Halls

Security

Vehicles

Food Services

Student Health Services And Insurance

Athletic Opportunities

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 of both developing scholars and growing Christians. Thus, each new student is encouraged to recognize the privileges available to participate 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 will be considered valid and remain binding throughout the period a student is enrolled at NNU. Any changes in campus policy from year to year will be identified in the Cru-Keys and the annually revised Student Handbook. All students are responsible to follow said policies. A copy of the Student Handbook is available on the web at www.nnu.edu/handbook.

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 Development 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.

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. Student Government Association (SGA) consists of the Student Executive Council, a Student Senate, a Student Judicial Board, and Class Councils.

Clubs and Organizations

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

Accounting Club

American Marketing Association

Chemistry Club

Circle K Service Club
 College Democrats
 College Republicans
 Fellowship of Christian Athletes
 Ground Floor Graphic Design Club
 International Students Club
 Multi Cultural Affairs Club
 Outdoor Recreation Club
 Phi Kappa Delta, Honorary Forensic Society
 Photography Society
 Political Science Club
 Psychology Club
 Society For A Change
 Society of Physics Students
 Student Association of Social Workers
 Students In Free Enterprise
 Student National Education Association
 Volleyball Club

Support Services

Counseling Center

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

The University offers a variety of opportunities, including:

1. Individual counseling provided by professional counselors, and/or supervised interns.
2. Co-curricular seminars covering issues such as safety, relationships, personal choices, and other pertinent issues.
3. Referral sources within the local community through the Counseling Center. These include special needs, emergency hospitalization, and psychiatric care. Financial responsibility for such off-campus referrals must be taken by the student and his or her parents.
4. Pastoral counseling provided by the University Chaplain to assist students in exploring spiritual areas of their lives.
5. Group Counseling. A variety of groups are led by trained counselors to help students deal with specific issues, get support, and develop skills in the general areas of relationships, trust, and honesty.
6. A contracted psychiatric nurse practitioner who comes twice a month to prescribe psychotropic drugs when warranted.
7. Peer Counselors. These are students who receive training in active listening skills, referrals, and confidentiality to provide a resource to other students in helping them make the transition to a more fulfilling university life.

The Office of Multi Cultural Affairs

The office provides ongoing support to U.S. students of color, international students and children of missionaries in the academic, spiritual and social aspects of their lives. We seek to promote an awareness, cooperative efforts, and an understanding about the various aspects of ethnic, religious and cultural diversity. The office provides a means for students and campus personnel to address these issues in collaboration with individuals from the Treasure Valley. Students can be involved in multicultural events and clubs both on and off campus.

Academic Advising and Testing

Advising: The Academic Advising Office endeavors to enhance the educational experience of each student through assistance in discovering his or her abilities, interests, and career objectives. All students are encouraged, particularly during their freshman year, to meet with an academic advisor to review their social, personal, and career goals in relationship to their test scores and academic record. Students' progress is monitored each semester, and those encountering difficulty are counseled by the Academic Advising staff. Programs in basic study skills and tutorial assistance are available by both professionals and peers through the Academic Support Center for students desiring academic support.

Testing: The Testing Office currently administers the ACT, COMPASS and Senior CAAP, and proctors correspondence course exams for current students. The results are made available to the individual students and/or the appropriate advisors.

Career Center

The Career Center provides information and assistance to students who wish to assess career goals and investigate career opportunities. In addition, the Center facilitates faculty as they assist their students in their employment searches. The Career Center will help students write effective resumes; practice interviewing techniques; establish networking contacts through the ASK (Alumni Sharing Knowledge) program; and find career-related part-time or summer employment. The Center compiles and sends placement files as a free service for graduating seniors. Career Week activities include several career related events including an etiquette dinner/dress for success style show and a major career fair.

Spiritual Life

The University Chaplain gives direction to the spiritual life programs of the campus and is available to all students, faculty, and staff for issues related to spiritual development and pastoral counseling.

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

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

Campus 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 programs, covenant and accountability groups, international and domestic mission trips, and community service opportunities.

Chapel Services, Convocations and Campus Ministries:

The purpose of the Chapel/Convocation program at Northwest Nazarene University is to build and maintain a sense of community. The spiritual, ethical, and cultural content of these gatherings, in keeping with the Mission Statement of Northwest Nazarene University, is designed to build Christian character and is imperative to the pursuit of a Christian liberal arts education.

Consequently, attendance is required of all undergraduate students. Specific chapel and convocation attendance policies are addressed in the chapel/convocation policy section of the Student Handbook.

Each Monday the entire campus gathers for a weekly "Community Chapel." These services form the core of community life at NNU. Community Chapels include a blend of Christian music, periodic 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 the University Chaplain. Chapels and convocations on Wednesdays and Fridays include a variety of speakers and programs designed more specifically for the student community.

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

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

The Staley Distinguished Christian Scholar Lecture Series was established by Mr. and Mrs. Thomas F. Staley. The Foundation seeks to bring to the campus a variety of speakers to address life issues in the Christian context.

The John E. Riley Intellectual Life Lecture Series has been endowed by alumni and friends to honor Dr. John E. Riley for his years of service to the University. The purpose of the series is to bring Christian scholars to the campus to stimulate thought and understanding especially in the area of relating the religious faith to other fields of knowledge and experience.

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

With approximately 60 percent of the total student population living in Northwest Nazarene University's residential halls, the University intends that each student's living environment would serve to enhance the total educational experience while enrolled.

In order to integrate this goal, professionals work directly in each residence hall. These key individuals include the Resident Director (RD), who along with Resident Assistants (RA's) work directly with the students. The staff makes every effort to create an environment conducive to the development of the whole person. Students are given opportunities for leadership along with many social, spiritual, educational, cultural, and recreational activities. They may become involved as a member of the Residence Hall Council, Residence Peer Board, Residential Life Board, or Student Life Executive Committee.

Activities offered in the residence halls include co-curricular events, parties, Bible studies, ski trips, gym nights, wing dates, study groups, prayer times, community service, etc.

Referrals to the Office of Student Development or other University campus support systems are made when students need further assistance in their personal, spiritual, or academic development as a person.

Many special speakers or community resource people interact within the residence halls through presentations, panel discussions, or other co-curricular activities. This enables students to stay abreast of current life and campus issues as they develop.

Residence Halls

All unmarried students who do not have senior standing, are less than 21 years of age before the day that classes start for the semester, and who do not reside with parents/guardians, or approved relatives, are required to live in one of the residence halls. Northwest Nazarene University's residence halls have a capacity for more than 800 students. Halls are divided into upper and lower division categories.

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

Security

The Security Office is located in the South Nampa Police Campus Substation at 916 E. Maple Street, just west of the university tennis courts and Olsen Apartments. While school is in session, the Security Office hours are Monday-Friday 9:00-5:00 pm. Security administration can be contacted during regular office hours at (208) 467-8550 or, on campus at 8550. Security provides an on campus transport/escort service anytime students or campus personnel do not feel comfortable walking by themselves.

It is the student's responsibility to remain involved in the safety and security of the NNU community. The University's effort to provide security on campus should not be deemed an assumption of any duty to provide personal protection to students or campus personnel, as each individual remains personally responsible for their own safety. The purpose of security is simply to provide assistance whenever it is available. Each individual must remain alert to their surroundings at all times, and report any unusual behaviors or incidences immediately to Security at (208) 467-8911 or, on campus at 8911.

Vehicles

All students, faculty, and staff must register their vehicles with the Department of Security. You are responsible for acting within NNU standards as it pertains to vehicle use on campus. A complete copy of NNU vehicle privileges and guidelines is available at the Security Office or can be located on the Northwest Nazarene University web site.

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, with the exception of Holly residents. Meal plan options are based on the residence hall in which you live. 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.

Student Health Services and Insurance

The purpose of the Student Health Service is to promote good student health through a program of preventive and therapeutic medicine. A registered nurse is on call 24 hours a day and is on duty during regular hours each day in the Student Health Center located in the Student Center Building.

The university complies with a legal requirement of MMR (mumps/measles/rubella) vaccination. **This is required of all students enrolled for nine or more semester credits.** Students should also have current immunization of tetanus and polio, and communicate any other special medical information that may be helpful for those serving their needs.

Services Available: The health fee entitles the student to receive consultation with a registered nurse. The following services are available to full-time students: (1) first aid, (2) general medical attention, (3) administration of medication by the university nurse under the standing order of the consulting physician, (4) assistance in securing any necessary medical appointments, (5) accident policy, (6) and assistance with understanding the insurance process and filing accident claims.

Some services are deemed the responsibility of the student and are not included as part of the Student Health Plan, such as dental care (except as the result of an accident), eye glasses, routine physical examinations, hospitalization insurance or expenses over and above the limits of the accident insurance coverage, medication prescribed by a physician, clinical expenses for X-ray and laboratory tests not connected with an accident or hospitalization, and specialists' fees not covered by the insurance company whether or not referral is made by a university physician.

Insurance: A Health Insurance Policy is available at an additional charge. The period of protection begins the first day of each semester and ends upon completion of the last day of each semester except that continuing students have coverage between semesters and continuing students enrolled in the spring semester have coverage throughout the summer.

Athletic Opportunities

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

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

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

Intramural Program: The athletic department provides the opportunity for all full-time NNU students to participate in a variety of athletic activities. The program is designed to meet the needs of all levels of competition for both men and women. Some of the activities provided are:

Flag Football

Powder Puff Football

Basketball

Softball

Soccer

Tennis

Racquetball

Pickle Ball

Badminton

Table Tennis

Volleyball - Indoor and Outdoor

Ultimate Frisbee

Campus Map

LEGEND

Admissions Welcome Center - 37	Johnson Sports Center - 5
Brandt Center - 50	Kirkeide Married Student Housing - 10
B.R.I.C.K. House - 48	Lanman Prayer Garden - 49
Campus Safety Office - 22	Lee Athletic Complex - 14
Ceramics and Sculpture Studio - 56	Little Prayer Chapel - 49
Challenge (Ropes) Course - 2	Olsen Apartments - 11
College Church of the Nazarene - 15	Properties Management Office - 22
Corlett Hall - 20	Riley Library - 32
Culver Hall - 46	Science Building - 55
Dooley Hall - 47	Science Lecture Hall - 54
Elmore Hall - 27	Security / Police Substation - 1
Emerson Administration Building - 29	Soccer Field - 24
Environmental Services - 21	Social Work Office - 33
Fine Arts Building - 51	Student Center - 26
Finkbeiner Recreation Area - 23	Sutherland Hall - 53
Ford Hall - 25	Tennis Courts - 12
Graduate Studies in Counseling - 35	Track and Field - 13
Graduate Studies in Education - 36	Vail Baseball Field - 4
Halle Softball Field - 3	Wiley Alumni House - 34
Helstrom Business Center - 52	Wiley Learning Center - 30
Holly 1000 Apartments - 45	Williams Hall - 28

Driving Directions

Take I-84 to Nampa, Idaho
 Take Exit 35
 Turn Left on 3rd Street South
 Turn Right on 16th Avenue South
 Follow through as 16th becomes Holly Street
 Turn Right into the NNU Campus

School Of Arts, Humanities, and Social Sciences

Dean of the School of Arts, Humanities, and Social Sciences: Ronald E. Ponsford

The School of Arts, Humanities, and Social Sciences offers a curriculum that is the core of a Christian liberal arts education. The various academic majors, minors, and programs found within this school prepare students to develop the “habit of mind” that is essential for transforming themselves and the world they inhabit. The academic programs in this school also prepare students for formal study beyond the undergraduate degree.

This school is comprised of six departments (Art, Behavioral Sciences and Cultural Studies, Communication Studies, English, History and Political Science, and Music) and two programs (Applied Studies, and Liberal Studies). Majors available in the school, by department or program, are:

Applied and Liberal Studies Programs

Majors

- Bachelor of Arts, Applied Studies
- Bachelor of Arts, Liberal Studies
 - Humanities Emphasis
 - Mathematics and Science Emphasis
 - Social Science Emphasis

Department of Art

Majors

- Bachelor of Arts, Art
 - Graphic Design Emphasis
 - Studio Art Emphasis
- Art Education
 - See Secondary Education: Art Teaching Area, Art Second Teaching Field

Minors

- Graphic Design
- Photography
- Studio Art

Department of Behavioral Sciences and Cultural Studies

Majors

- Bachelor of Arts, Cultural Studies
 - Emphasis A (Social Science/Sociologist)
 - Emphasis B (Interdisciplinary)
- Bachelor of Arts, Psychology
 - Emphasis A (Scientist/Practitioner)
 - Emphasis B (Interdisciplinary)
 - Emphasis C (Industrial and Organizational)
- Bachelor of Arts, Spanish
- Psychology Education
 - See Secondary Education: Psychology Second Teaching Field
- Spanish Education
 - See Secondary Education: Spanish First Teaching Field, Spanish Second Teaching Field

Minors

- Criminal Justice
- Cultural Studies
- Psychology

Spanish

Department of Communication Studies

Majors

Bachelor of Arts, Communication

Bachelor of Arts, Mass Communications

Minors

Broadcasting

Communication

Drama

Media Production

Department of English

Majors

Bachelor of Arts, English

Bachelor of Arts, Journalism

English Education

See Secondary Education: English Teaching Area, English First Teaching Field, English Second Teaching Field

Minors

Literature

Professional Writing

Department of History and Political Science

Majors

Bachelor of Arts, History

Bachelor of Arts, International Studies

Bachelor of Arts, Political Science

History Education

See Secondary Education: History First Teaching Field, History Second Teaching Field

Social Science Education

See Secondary Education: Social Science Teaching Area, Social Science Second Teaching Field

Minors

Criminal Justice

History

Political Science

Pre-Professional Program

Pre-Law

Department of Music

Majors

Bachelor of Arts, Music

Applied Emphasis

Track I Piano

Track II Voice

Track III Instrumental

Track IV Theory

Commercial Music Emphasis
 General Music Emphasis
 Worship and Music Ministry Emphasis
 Music Education

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

Minors

Music
 Worship and Music Ministry

Applied and Liberal Studies Programs

Majors

Bachelor of Arts, Applied Studies
 Bachelor of Arts, Liberal Studies
 Humanities Emphasis
 Mathematics and Science Emphasis
 Social Science Emphasis

Bachelor of Arts, Applied Studies

This program leads to the Bachelor of Arts degree. It provides students with a broad program including course work in an applied area coupled with course work in the humanities, mathematics and science, and social sciences. The program is administered by the Director of Academic Advising.

Requirements: 60 credits including 12 credits in humanities, 12 credits in social sciences, 12 credits in mathematics and science, and 24 credits selected from one or two of the following areas: applied art, business, Christian ministry, communication studies, computer science, education, engineering, English (courses in writing or composition which may include EN 102 and EN 202), kinesiology, music (education, theory, and applied), nursing, social work. In a single focus applied studies major, 12 credits of the 24 credits must be numbered above 299. In a dual focus applied studies major, 12 credits of the 24 credits must be numbered above 299, with at least 6 upper division credits taken in EACH applied area.

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

Bachelor of Arts, Liberal Studies

This program leads to the Bachelor of Arts degree. It 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 Academic Advising.

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

Humanities Emphasis

Humanities: 24 credits (including 12 credits numbered above 299)
 Mathematics and Science: 18 credits
 Social Science: 18 credits

Mathematics and Science Emphasis

Mathematics and Science: 24 credits (including 12 credits numbered above 299)
 Humanities: 18 credits
 Social Science: 18 credits

Social Science Emphasis

Social Science: 24 credits (including 12 credits numbered above 299)
 Humanities: 18 credits
 Mathematics and Science: 18 credits

Department Of Art

Faculty: Paul Kinsman (Department Chair), Bill Campton, Amanda Hamilton, Jamie Tucker

Learning Objectives:

Technical Skills

1. Graduates of the department will be proficient in the technical tools and materials necessary in their chosen area of artistic endeavor. (Academic Excellence, Creative Engagement)
2. Graduates of the department will be fluent in historical and contemporary art concepts and terminology. (Academic Excellence, Creative Engagement)
3. Graduates of the department will exhibit proficiency in writing and speaking about artistic ideas. (Academic Excellence, Creative Engagement)

Conceptual Skills

1. Graduates of the department will effectively employ visual problem solving skills. (Academic Excellence, Creative Engagement)
2. Graduates of the department will be able to think critically about art from a Christian world view. (Christlike Character, Social Responsiveness, Creative Engagement)
3. Graduates of the department will produce art that is culturally relevant and ultimately redemptive. (Christlike Character, Social Responsiveness, Creative Engagement)

Majors

Bachelor of Arts, Art

Graphic Design Emphasis

Studio Art Emphasis

Art Education

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

Minors

Graphic Design

Photography

Studio Art

Bachelor of Arts, Art

The art curriculum aims to provide students with fundamental experiences in the visual arts; and to develop visual awareness, the ability to make aesthetic judgments, and an appreciation for art forms in every-day life. Courses are designed to study the arts of past and present cultures, to give opportunities for the development of specialized skills, and to provide students with the knowledge and skills needed to pursue further studies or a career in art. The Art Program offers emphases in the areas of graphic design and of studio art, as well as classes for art education.

Administrator: Chair, Department of Art

Requirements: 54-61 credits: Completion of the prescribed core courses (30 credits) plus the requirements for one area of emphasis (24-31 credits).

Core Courses: 30 credits

AR 102. 2D Design (3)

AR 104. Drawing 1 (3)

AR 201. 3D Design (3)

AR 207. Figure Studies (3)

AR 241. Painting 1 (3)

AR 276. Photography 1 (3)

AR 325. Art History 1 (3)

AR 375. Art History 2 (3)

AR 425. Contemporary Art History (3)

AR 496. Internship (3)

Graphic Design Emphasis: 31 credits

AR 135. Graphic Design 1: Introduction To Visual Communication (3)

AR 228. Illustration 1: Visual Voice (3)
 AR 236. Graphic Design 2: Typography (3)
 AR 243. Introduction to Computer Graphics (3)
 AR 334. Design History: Industrial Revolution to Contemporary Design (3)
 AR 336. Graphic Design 3: Advanced Practice (3)
 AR 344. Introduction to Web Design (3)
 AR 436. Graphic Design 4: Portfolio Preparation (3)
 AR 487. Senior Exhibition (1-3) (1 required)

Two courses selected from:

AR 307. Drawing 2 (3)
 AR 341. Painting 2 (3)
 AR 350. Studio Practice and Critique (3)
 AR 376. Photography 2 (3)
 AR 444. Advanced Web Design (3)

Studio Art Emphasis: 24 credits

AR 243. Introduction to Computer Graphics (3)
 AR 350. Studio Practice and Critique (3)
 AR 450. Studio Practice and Critique (3)
 AR 487. Senior Exhibition (1-3) (3 required)

Four courses selected from:

AR 305. Ceramics 2 (3)
 AR 306. Printmaking (3)
 AR 307. Drawing 2 (3)
 AR 341. Painting 2 (3)
 AR 343. Digital Photography (3)
 AR 376. Photography 2 (3)
 AR 377. Photojournalism (3)
 AR 403. Sculptural Installation (3)

Minor, Graphic Design

Requirements: 24 credits

AR 102. 2D Design (3)
 AR 135. Graphic Design 1: Introduction To Visual Communication (3)
 AR 236. Graphic Design 2: Typography (3)
 AR 243. Introduction to Computer Graphics (3)
 AR 334. Design History: Industrial Revolution to Contemporary Design (3)
 AR 336. Graphic Design 3: Advanced Practice (3)

Two courses selected from:

AR 343. Digital Photography (3)
 AR 344. Introduction to Web Design (3)
 AR 377. Photojournalism (3)
 AR 425. Contemporary Art History (3)

Minor, Photography

Requirements: 21 credits

- AR 102. 2D Design (3)
- AR 243. Introduction to Computer Graphics (3)
- AR 276. Photography 1 (3)
- AR 306. Printmaking (3); or,
 - AR 377. Photojournalism (3)
- AR 343. Digital Photography (3)
- AR 376. Photography 2 (3)

One course selected from:

- AR 325. Art History 1 (3)
- AR 375. Art History 2 (3)
- AR 425. Contemporary Art History (3)

Minor, Studio Art

Requirements: 24 credits

- AR 102. 2D Design (3)
- AR 104. Drawing 1 (3)
- AR 201. 3D Design (3)
- AR 241. Painting 1 (3)

Two courses selected from:

- AR 325. Art History 1 (3)
- AR 375. Art History 2 (3)
- AR 425. Contemporary Art History (3)

Two courses selected from:

- AR 306. Printmaking (3)
- AR 307. Drawing 2 (3)
- AR 341. Painting 2 (3)
- AR 403. Sculptural Installation (3)

Department Of Behavioral Sciences And Cultural Studies

The Department of Behavioral Sciences and Cultural Studies provides an interdisciplinary approach to the study of individuals and groups. The department offers a broad understanding of human behavior, including the development, relationships, and interactions of individuals in systems. Drawing primarily on models from psychology, sociology, and language and cultural studies, the department educates students in the methods of social and psychological research; diversity and its various expressions; indigenous experience; national, international, ethnic, religious, class, and gender perspectives; modern languages; and models of advocacy and social justice.

The department contributes to the liberal education of NNU students through courses offered to meet the general education core requirement, and those that support major requirements in other disciplines. More in-depth study leads to the majors in cultural studies, psychology, and Spanish. Each of these provides students with a solid background in the questions, methods, and theories of the disciplines, and prepares them for occupations and further study in psychology, sociology, language, culture, and related fields. The department models and trains its students to be Christian professionals serving the community.

Faculty: Glenna Andrews (Department Chair), Julie Au, Benjamin Earwicker, Ronald Ponsford

Majors

- Bachelor of Arts, Cultural Studies
 - Emphasis A (Social Science/Sociologist)

Emphasis B (Interdisciplinary)
 Bachelor of Arts, Psychology
 Emphasis A (Scientist/Practitioner)
 Emphasis B (Interdisciplinary)
 Emphasis C (Industrial and Organizational)
 Bachelor of Arts, Spanish
 Psychology Education
 See Secondary Education: Psychology Second Teaching Field
 Spanish Education
 See Secondary Education: Spanish First Teaching Field, Spanish Second Teaching Field

Minors

Criminal Justice
 Cultural Studies
 Psychology
 Spanish

Bachelor of Arts, Cultural Studies

Administrator: Chair, Department of Behavioral Sciences and Cultural Studies

Learning Objectives:

1. Graduates of this emphasis will be able to conduct ethnographic and statistical research and understand research methods in cultural studies and sociology. (Academic Excellence)
2. Graduates of this emphasis will be able to critically and thoughtfully analyze social issues from a variety of perspectives, and will demonstrate comprehensive understanding of ethnicity, social aspects of religion, gender, and class. (Creative Engagement and Social Responsiveness)
3. Graduates of this emphasis and general education students will be able to use a variety of information technologies to research topics in the literature of related fields. (Academic Excellence)
4. Graduates of this emphasis and general education students will be able to identify the major theoretical perspectives and contributors to the discipline. (Academic Excellence)
5. Graduates of this emphasis and general education students will reflect critically on their own cultural values and traditions. Graduates will learn to compare and contrast their own cultures with those studied throughout the major program. (Social Responsiveness, Creative Engagement, Christlike Character)

Requirements: 53-55 credits: 24 core credits of which 12 shall be numbered above 299; the requirements for one area of emphasis (29-31 credits); and the cultural immersion experience for major students

Core courses: 24 credits

SO 155. Introduction to Sociology (3)
 SO 203. Cultural Anthropology I (2)
 SO 204. Cultural Anthropology II (2)
 SO 243. Social Problems in Modern Society (2)
 SO 252. Criminology (3); or,
 SO 253. Juvenile Delinquency (3)
 SO 318. Race, Class and Ethnicity (3)
 SO 325. Issues of Developing Nations II (3)
 SO 334. Sociology of the Family (3)
 SO 355. Sociology of Religion (3)

Emphasis A (Social Scientist/Sociologist)

A course of study in general sociology for students who plan on graduate work or social science research.

Requirements: 31 credits

- PY 155. Introduction to Psychology (3)
- PY 210. Lifespan Development (3)
- PY 364. Experimental Design and Statistical Analysis I (3)
- PY 364L. Experimental Design and Statistical Analysis Laboratory I (1)
- PY 365. Experimental Design and Statistical Analysis II (3)
- PY 365L. Experimental Design and Statistical Analysis Laboratory II (1)
- One year of a modern foreign language (same language) (8)
- Nine credits in cultural studies, psychology, or sociology numbered above 299 (9)

Emphasis B (Interdisciplinary)

A course of study for students who plan on graduate work or employment in diverse cultural settings.

Requirements: 29 credits

- PS 105. Introduction to International Relations (3)
- PY 155. Introduction to Psychology (3)
- One course selected from:**
 - EN 342. Foreign Literature in Translation (3)
 - EN 427. Minority Voices in American Literature (3)
 - PS 352. Theories of Politics (3)
 - PS 361. Comparative Politics (3)

One course selected from:

- HS 325. History of American Culture (3)
- HS 333. US Foreign Policy (3)
- HS 339. Recent America (3)
- HS 344. History of Christianity in America (3)
- One year of a modern foreign language (same language) (8)
- Nine credits in cultural studies, psychology, or sociology numbered above 299 (9)

Cultural Immersion Experience for Major Students: Students majoring in Cultural Studies who have not lived in a cross-cultural setting different from their own culture(s) are required to study in such a setting for an extended period of time. Examples of acceptable experiences are a college-level summer school session or academic-year program at an international school recognized by Northwest Nazarene University. Approved Off-Campus (OC prefix) courses or approved transfer courses from travel-study programs may be substituted for courses listed in the categories above. Prior approval of a travel-study program must be obtained from the chair of the department.

Bachelor of Arts, Psychology

Administrator: Chair, Department of Behavioral Sciences and Cultural Studies

Learning Objectives:

1. Graduates of this emphasis and general education students will understand the scientific method in social science and graduates will be able to carry out a research project. (Academic Excellence and Creative Engagement)
2. Graduates of this emphasis will exhibit basic interpersonal skills; an understanding of a variety of professional roles; the purpose of at least one community agency, the clients it serves, and the intervention methods it uses. (Creative Engagement and Social Responsiveness)
3. Graduates of this emphasis and general education students will be able to use a variety of information technologies to research topics in the literature of the field. (Academic Excellence and Creative Engagement)
4. Graduates of this emphasis and general education students will be able to identify the major theories and contributors to the discipline. (Academic Excellence)
5. Graduates of this emphasis will be able to meaningfully discuss the nature and behavior of human beings from Christian and social scientific perspectives, and to recognize the points of consensus and tension between the two.

They will understand how to integrate issues of faith and values with the theories and practices of psychology.
(Christlike Character)

Requirements: 51-56 credits: 24 core credits of which 18 shall be numbered above 299, and the requirements for one area of emphasis (27-32)

Core courses: 24 credits

- PY 155. Introduction to Psychology (3)
- PY 210. Lifespan Development (3)
- PY 355. Psychology of Religion (2)
- PY 364. Experimental Design and Statistical Analysis I (3)
- PY 364L. Experimental Design and Statistical Analysis Laboratory I (1)
- PY 365. Experimental Design and Statistical Analysis II (3)
- PY 365L. Experimental Design and Statistical Analysis Laboratory II (1)
- PY 396. Field Experience (1-2) (1 required)
- PY 411. Psychology of Learning (3)
- PY 411L. Psychology of Learning Laboratory (1)
- PY 455. Social Psychology (3)

Psychology field test to be completed during the senior year

Emphasis A (Scientist/Practitioner)

A course of study in general psychology for students who plan on graduate training in clinical psychology, experimental psychology or related fields. Practice in professional clinical psychology in many states requires, as a minimum, the master's degree.

Requirements: 27 credits

- BI 201. Human Anatomy and Physiology I (3), and
 - BI 201L. Human Anatomy and Physiology I Laboratory (1); or,
 - BI 222. General Biology I (3), and
 - BI 222L. General Biology I Laboratory (1)
- PL 201. Introduction to Philosophy (3)
- PL 351. Philosophy of Science (2)
- PY 385. Biological Foundations of Behavior (3)
- PY 385L. Biological Foundations of Behavior Laboratory (1)
- PY 475. History and Systems of Psychology (2)
- PY 497. Research (1-4) (1 required)
- Three credits in psychology (PY 211 will not meet this requirement) (3)
- One year of a modern foreign language (same language) (8)

Emphasis B (Interdisciplinary)

To provide background for the understanding of human behavior needed by those students preparing for such vocational areas as education, social service, business, or the ministry.

Requirements: 32 credits

- PY 125. Psychology for Life (2)
- PY 274. Helping Skills (2)
- PY 345. Abnormal Psychology (3)
- PY 375. Counseling Theory (2)
- PY 472. Group Theory and Processes (3)
- PY 472L. Group Theory and Processes Laboratory (1)

Two courses selected from:

- PY 336. Child Psychology (2)
- PY 366. Adolescent Psychology (2)
- PY 376. Adult Psychology (2)

Three credits in psychology (PY 211 will not meet this requirement) (3)

Twelve credits in Christian education, practical theology, sociology, or social work selected in consultation with a psychology faculty advisor from the following courses: (12)

- CE 381. Children's Ministries (2)
- CE 382. Youth Ministries (2)
- CE 384. Family Ministries (2)
- PT 171. Introduction to Christian Ministry (1)
- PT 321. Spiritual Formation and Christian Discipleship (2)
- PT 322. Worship Theory and Development (2)
- PT 375. Compassionate Ministries (2)
- Any SO courses except SO365 (2-3)
- SW 172. Social Welfare in Contemporary Society (3)
- SW 211. Introduction to Social Work (3)
- SW 325. Substance Abuse, Prevention, and Intervention (3)
- SW 335. Child Welfare Services (3)
- SW 345. Gerontology and Geriatric Social Work (3)
- SW 494. Topics in Social Work (1)

Emphasis C (Industrial and Organizational)

This emphasis is designed for students interested in working with the theory and methods of psychology within the business and/or industrial field, such as management, human resources and other integrated fields.

Requirements: 32 credits

- PY 125. Psychology for Life (2)
- PY 376. Adult Psychology (2)
- PY 461. Psychological Testing (3)
- PY 472. Group Theory and Processes (3)
- PY 472L. Group Theory and Processes Laboratory (1)
- PY 497. Research (1-4) (1 required)

Eight credits in Communication (8)

Suggested courses:

- CO 201. Small Group Communication (3)
- CO 203. Interpersonal Communication (3)
- CO 302. Organizational Communication (3)

Twelve credits in Business selected from: (12)

- BU 341. Business Law I (3)
- BU 342. Business Law II (3)
- BU 351. Principles of Marketing (3)
- BU 364. Principles of Management (3)
- BU 365. Human Resource Management (3)
- BU 381. Business Ethics (3)
- BU 467. Organizational Behavior (3)

Bachelor of Arts, Spanish

The major in Spanish provides students the opportunity to learn increasingly complex Spanish grammar and language through speaking, reading, writing, and listening to Spanish; to use technology and cultural exercises to enlarge understanding of the Hispanic world; and to gain a larger worldview through the process of language learning.

Administrator: Chair, Department of Behavioral Sciences and Cultural Studies

Learning Objectives:

1. Graduates of this emphasis will gain practical language proficiency in the Spanish language, including proficiency in reading, writing, speaking, and listening to the language. (Academic Excellence)
2. Graduates of this emphasis will develop intercultural sensitivity. They will study the language, literature, history, and culture of Spanish speaking peoples, and learn to constructively engage them in meaningful dialogue, mutually beneficial social relationships, and professional interactions in a wide range of academic disciplines and fields of study. (Academic Excellence, Christlike Character, Creative Engagement, Social Responsiveness)
3. Graduates of this emphasis and general education students will acquire cultural competency and learn to understand the concept of culture from a variety of perspectives. Graduates will learn to experience culture in a personal and subjective manner, at the same time that they learn to objectively analyze Latin American and Spanish cultures. (Academic Excellence, Social Responsiveness, Creative Engagement)
4. Graduates of this emphasis and general education students will reflect critically on their own cultural values and traditions. Graduates will learn to compare and contrast their own cultures with those studied. (Social Responsiveness, Creative Engagement)

Requirements: 49-52 credits: 43 credits in Spanish of which 35 shall be numbered above 299

SP 201. Intermediate Spanish (4)

SP 202. Intermediate Spanish (4)

SP 301. Advanced Conversation and Composition (3); or,

SP 322. Spanish for Business (3)

SP 497. Senior Thesis (3)

One course selected from Spanish or Hispanoamerican civilization:

SP 331. Hispanic Civilization (3) (may be repeated); or,

SP 394. Topics in Hispanic Culture, Literature or Linguistics (3) (may be repeated) (cultural topic)

One course selected from Spanish or Hispanoamerican Literature:

SP 351. Survey of Hispanic Literature (3) (may be repeated); or,

SP 394. Topics in Hispanic Culture, Literature or Linguistics (3) (may be repeated) (literature topic)

One course selected from Spanish or Hispanoamerican Linguistics:

SP 342. Introduction to Spanish Linguistics (3); or,

SP 394. Topics in Hispanic Culture, Literature or Linguistics (3) (linguistics topic)

Twenty credits in Spanish (20)

Two courses in history, political science, or sociology (4-6)

One course in American literature, world literature, or philosophy (2-3)

Additionally, Spanish majors are required to do the following:

Cultural Immersion Experience:

30 hours documented service in the local Hispanic community (church, school, other organization)

Portfolio (4 major papers, including the Senior Thesis, representing the areas of Hispanic civilization, literature, and linguistics)

Oral proficiency (ACTFL advanced level or better on modified oral proficiency examination)

Cultural Immersion Experience: Students who have not lived in a cultural setting where Spanish is the primary language are required to study, travel, or work in such a setting for an extended period of time. Examples of acceptable experiences are a college-level summer school session, or academic-year program in a school such as the Universidad Internacional in Cuernavaca, Mexico, or the Latin American Studies Program in San Jose, Costa Rica. Approved Off-Campus (OC prefix) courses or approved transfer courses from travel-study programs may be substituted for courses listed in the categories above. Prior approval of a travel-study program must be obtained from the chair of the department.

Minor, Cultural Studies

The minor in cultural studies provides students majoring in areas other than cultural studies the opportunity to enhance their understanding of cultural and sociological concepts and deepen their appreciation of diverse cultural expressions.

Administrator: Chair, Department of Behavioral Sciences and Cultural Studies

Requirements: 20-24 credits of which 9 shall be numbered above 299 and the cultural immersion experience for minor students

EN 342. Foreign Literature in Translation (3); or,

EN 427. Minority Voices in American Literature (3)

SO 155. Introduction to Sociology (3)

SO 203. Cultural Anthropology I (2)

SO 204. Cultural Anthropology II (2)

One course selected from:

SO 225. Issues of Developing Nations I (3)

SO 318. Race, Class and Ethnicity (3)

SO 325. Issues of Developing Nations II (3)

SO 355. Sociology of Religion (3)

One or two semesters of a modern foreign language (4-8) (same language)

Three credits in cultural studies numbered above 299 (3)

Cultural Immersion Experience for Minor Students: Students who have not lived in a cross-cultural setting different from their own culture(s) are required to study in such a setting for a brief period of time. Examples of acceptable experiences are a four-week college-level summer school session, or similar program at an international school recognized by Northwest Nazarene University. Approved Off-Campus (OC prefix) courses or approved transfer courses from travel-study programs may be substituted for courses listed in the categories above. Prior approval of a travel-study program must be obtained from the chair of the department.

Minor, Psychology

Requirements: 21 credits of which 11 shall be numbered above 299

PY 125. Psychology for Life (2)

PY 155. Introduction to Psychology (3)

PY 210. Lifespan Development (3)

PY 364. Experimental Design and Statistical Analysis I (3)

PY 364L. Experimental Design and Statistical Analysis Laboratory I (1)

PY 411. Psychology of Learning (3)

PY 411L. Psychology of Learning Laboratory (1)

PY 455. Social Psychology (3)

Two credits in psychology (PY 211 does not count toward these credits) (2)

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 Behavioral Sciences and Cultural Studies

Requirements: 20 credits of which 12 shall be numbered above 299

SP 201. Intermediate Spanish (4)

SP 202. Intermediate Spanish (4)

Twelve credits in Spanish numbered above 299 representing two of the following areas: (12)

Culture (including history and civilization)

Linguistics

Literature

Cultural Immersion Experience

Cultural Immersion Experience: Students who have not lived in a cross-cultural setting different from their own culture(s) are required to study in such a setting for a brief period of time. Examples of acceptable experiences are a four-week college-level summer school session, or a similar program at an international school recognized by Northwest Nazarene University. Approved Off-Campus (OC prefix) courses or approved transfer courses from travel-study programs may be substituted for courses listed in the categories above. Prior approval of a travel-study program must be obtained from the chair of the department.

Department Of Communication Studies

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

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

Learning Objectives:

1. Graduates of the department and general education students will learn to think clearly about and analyze critically the various means and methods of communications; to conduct effective research in the field; and to communicate clearly through the medium of their choice. (Academic Excellence)
2. Graduates of the department and general education students will demonstrate an ability to respectfully suggest alternatives for the many viewpoints regarding the moral and ethical issues involved with communicating through the media. (Christ-like Character)
3. Graduates of the department and general education students will demonstrate an understanding of the tremendous impact communicators have in shaping opinion and effecting change in society. They will demonstrate an ability to educate others by not only presenting information but also by looking for solutions to today's problems. (Social Responsiveness)
4. Graduates of the department and general education students will have augmented their own personal talents with an understanding of the forms, structures, and avenues of creative communication. (Creative Engagement)

Majors

Bachelor of Arts, Communication

Bachelor of Arts, Mass Communications

Minors

Broadcasting

Communication

Drama

Media Production

Bachelor of Arts, Mass Communications

A major in Mass Communication will provide an understanding of the systems, theories, and practices of mass communication and their impact on contemporary society, and to prepare students to obtain employment in secular or Christian film, video, and television production. Students can use their education and training for entry-level employment, for independent production, or for pursuing graduate study in communication and other fields.

Administrator: Chair, Department of Communication Studies

Requirements: 50 credits

- CO 101. Introduction to Communication (3)
- CO 126. Introduction to Video (1)
- CO 202. Media Systems and Literacy (3)
- CO 205. History of Film and Television (2)
- CO 225. Introduction to Scriptwriting (3)
- CO 226. Intermediate Video Production (3)

CO 228. Audio For Film and Television (2)
 CO 301. Producing Film and Television (2)
 CO 302. Organizational Communication (3)
 CO 303. Film Theory and Criticism (3)
 CO 305. Nonverbal Communication (2)
 CO 325. Advanced Screenwriting (3)
 CO 326. Advanced Television Production (3)
 CO 328. Media Law and Ethics (3)
 CO 329. Intermediate Post-Production (2)
 CO 425. Cinematography (3)
 CO 426. Film and Television Directing (3)
 CO 461. Communication Research and Theory (3)
 CO 497. Senior Project (1) (2 required)
 CO 498. Seminar in Communication Studies (1)

Bachelor of Arts, Communication

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

Administrator: Chair, Department of Communication Studies

Requirements: 49 credits

CO 101. Introduction to Communication (3)
 CO 131. Oral Interpretation (3); or
 EN 261. Introduction to Journalism (3)
 CO 142. Introduction to Public Relations (3)
 CO 201. Small Group Communication (3); or,
 CO 202. Media Systems and Literacy (3)
 CO 212. Communication Activities (1); or,
 CO 312. Advanced Communication Activities (1)
 CO 225. Introduction to Scriptwriting (3)
 CO 260. Introduction to Performance (3)
 CO 302. Organizational Communication (3)
 CO 305. Nonverbal Communication (2)
 CO 321. Advanced Public Speaking (3)
 CO 328. Media Law and Ethics (3)
 CO 342. Persuasion (3)
 CO 350. Argumentation and Debate (3); or,
 EN 361. Advanced Reporting (3)
 CO 360. Broadcast Communication (3)
 CO 444. Rhetorical Theory and Criticism (3)
 CO 461. Communication Research and Theory (3)
 CO 495. Internship in Communication Studies (1-2) (2 required)
 CO 497. Senior Project (1)
 CO 498. Seminar in Communication Studies (1)

Minor, Broadcasting

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

Requirements: 17 credits

- CO 126. Introduction to Video (1)
- CO 131. Oral Interpretation (3)
- CO 225. Introduction to Scriptwriting (3)
- CO 321. Advanced Public Speaking (3)
- CO 342. Persuasion (3)
- CO 360. Broadcast Communication (3)
- CO 495. Internship in Communication Studies (1-2) (1 required)

Minor, Communication

This minor is designed for students in various professional disciplines, such as political science, ministry, or teaching, who would like to better prepare themselves for communicating within their fields.

Requirements: 21 credits

- CO 101. Introduction to Communication (3)
- CO 202. Media Systems and Literacy (3)
- CO 203. Interpersonal Communication (3)
- CO 260. Introduction to Performance (3)
- CO 302. Organizational Communication (3)
- CO 321. Advanced Public Speaking (3)
- CO 342. Persuasion (3)

Minor, Drama

Requirements: 19 credits

- CO 131. Oral Interpretation (3)
- CO 212. Communication Activities (1); or,
 MU 242. Musical Theatre Production/Opera Workshop (1)
- CO 225. Introduction to Scriptwriting (3)
- CO 260. Introduction to Performance (3)
- CO 303. Film Theory and Criticism (3)
- EN 332. Shakespeare (3)
- EN 341. Greek and Roman Classics (3); or,
 EN 352. Twentieth Century Drama (3)

Minor, Media Production

Requirements: 18 credits

- CO 126. Introduction to Video (1)
- CO 225. Introduction to Scriptwriting (3)
- CO 226. Intermediate Video Production (3)
- CO 228. Audio For Film and Television (2)
- CO 303. Film Theory and Criticism (3)
- CO 326. Advanced Television Production (3)
- CO 328. Media Law and Ethics (3)

Department of English

Faculty: Darrin Grinder (Department Chair), Kevin Dennis, Lucas Roebuck, Ralph Speer, Julie Straight

Learning Objectives:

1. Graduates of the department and general education students will be able to think critically, express themselves clearly, research successfully, and develop an appreciation for the medium of language through a variety of writing experiences. (Academic Excellence)
2. Graduates of the department and general education students read and discuss masterpieces of Western and World literature, emphasizing how the works relate to the world in which they were created and how they relate to the reader and world today. (Creative Engagement, Social Responsiveness)
3. Graduates of the department and general education students will have a concrete knowledge of authors and their literary works, understanding the author and work's place in the culture from which they arose and in the literary world as a whole. (Creative Engagement, Social Responsiveness)

Majors

Bachelor of Arts, English

Bachelor of Arts, Journalism

English Education

See Secondary Education: English Teaching Area, English First Teaching Field, English Second Teaching Field

Minors

Literature

Professional Writing

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 English

Requirements: 38 credits of which 25 shall be numbered above 299 and foreign language equivalent

EN 231. British Literature: Beowulf through the Age of Reason (3)

EN 298. Introduction to the Study of Literature (1)

EN 321. Major Authors in American Literature (3)

EN 332. Shakespeare (3)

EN 341. Greek and Roman Classics (3)

EN 351. Twentieth Century Poetry (3); or,

EN 352. Twentieth Century Drama (3)

EN 391. Literary Criticism (3)

EN 498A. Senior Seminar in English (1)

Two courses selected from:

EN 221. American Literature: Colonial Period to the Civil War (3)

EN 321. Major Authors in American Literature (3)

EN 325. The American Novel (3)

One course selected from:

EN 331. Major Authors in British Literature (3)

EN 335. The British Novel (3)

EN 434. Major Romantics and Victorians (3)

One course selected from:

EN 242. World Literature: The Ancient World to the Renaissance (3)

EN 243. World Literature: The Enlightenment to the Modern Era (3)

EN 342. Foreign Literature in Translation (3)

Six credits in English (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

Bachelor of Arts, Journalism

The journalism major offers students the opportunity to learn theoretical and practical news gathering, reporting, and publication management skills. The major is designed to train students for careers in professional broadcast, newspaper, magazine, and online journalism by emphasizing teaching AP format writing, narrative theory, and best journalism practices.

Administrator: Chair, Department of English

Requirements: 43 credits and one minor or double major selected from the approved list

AR 243. Introduction to Computer Graphics (3)

AR 377. Photojournalism (3)

CO 328. Media Law and Ethics (3)

EC 242. Macroeconomic Analysis (3)

EN 261. Introduction to Journalism (3)

EN 361. Advanced Reporting (3)

EN 363. News Analysis and Opinion Writing (3)

EN 364. News Editing (3)

EN 366. Magazine Writing (3)

EN 395. Newspaper Practicum (3)

EN 496. Senior Internship (3)

EN 498B. Senior Seminar in Journalism (1)

GE 105. Introduction to Geography (3)

PL 202. Ethics (3)

PS 341. American Political Thought and Ideology (3)

One major or minor must be selected from:

Bachelor of Arts, Art (with Graphic Design Emphasis)

Bachelor of Arts, Communications

Bachelor of Arts, Mass Communications

Broadcasting

Economics

Environmental Science

History

Literature

Media Production

Philosophy

Photography

Political Science

Spanish

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 English

Requirements: 21 credits of which 12 shall be above 299

EN 261. Introduction to Journalism (3)
 EN 302. Principles of Writing (3)
 EN 304. Creative Writing - Prose (3)
 EN 305. Creative Writing - Poetry (3)
 EN 396. Internship in Professional Writing (3)

Two courses selected from:

CO 142. Introduction to Public Relations (3)
 CO 225. Introduction to Scriptwriting (3)
 CO 325. Advanced Screenwriting (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 three: American, British, and world literature.

Administrator: Chair, Department of English

Requirements: 19 credits of which 12 shall be above 299

EN 298. Introduction to the Study of Literature (1)
 EN 332. Shakespeare (3)

Six credits of emphasis: (6)

EN 221. American Literature: Colonial Period to the Civil War (3); and,
 EN 222. American Literature: Civil War to the Present (3); or,
 EN 231. British Literature: Beowulf through the Age of Reason (3); and,
 EN 232. British Literature: The Romantic Age to the Present (3); or,
 EN 242. World Literature: The Ancient World to the Renaissance (3); and,
 EN 243. World Literature: The Enlightenment to the Modern Era (3)

One course selected from each of the following groups:

American Literature

EN 321. Major Authors in American Literature (3)
 EN 325. The American Novel (3)

British Literature

EN 331. Major Authors in British Literature (3)
 EN 335. The British Novel (3)
 EN 434. Major Romantics and Victorians (3)

World Literature

EN 341. Greek and Roman Classics (3)
 EN 342. Foreign Literature in Translation (3)

Department Of History And Political Science

Faculty: Alan Wheatley (Department Chair), Christian Esh, Mark Gismondi, Stephen Shaw

Learning Objectives:

1. To help students acquire academic and intellectual expertise in their respective disciplines and majors; (Academic Excellence)
2. To assist students in the development and application of their skills of critical analysis and research, creativity, and communication consistent with a Christian liberal arts education; (Academic Excellence and Creative Engagement)

3. To develop scholar-servants who are enlightened and engaged citizens, and who display a Christlike passion to promote justice, seek peace, and pursue tolerance in their communities; (Creative Engagement, Social Responsiveness, and Christlike Character)
4. To promote learning as a life-long skill and interest that will enable students to apply their talents professionally and to experience a deeply-rooted sense of challenge and fulfillment in their lives. (Creative Engagement and Social Responsiveness)

Majors

Bachelor of Arts, History

Bachelor of Arts, International Studies

Bachelor of Arts, Political Science

History Education

See Secondary Education: History First Teaching Field, History Second Teaching Field

Social Science Education

See Secondary Education: Social Science Teaching Area, Social Science Second Teaching Field

Minors

Criminal Justice

History

Political Science

Pre-Professional Program

Pre-Law

Bachelor of Arts, History

The department holds to the belief that the study of history is an essential component of a high quality education. Historical study develops and sharpens the mind by training students to think, to evaluate, to communicate and ultimately to judge, all valuable skills for most professional careers.

Administrator: Chair, Department of History and Political Science

Requirements: 44 credits: 36 in history of which 24 shall be numbered above 299

HS 103. The World and the West I (3)

HS 104. The World and the West II (3)

HS 203. Conflict and Consensus: American History to 1877 (3)

HS 204. Conflict and Consensus: American History from 1877 (3)

HS 497. Senior Research and Thesis (3)

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

Twenty-one credits in history numbered above 299 (21)

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 299

HS 103. The World and the West I (3); or,

HS 104. The World and the West II (3)

HS 203. Conflict and Consensus: American History to 1877 (3); or,

HS 204. Conflict and Consensus: American History from 1877 (3)

Fifteen credits in history numbered above 299 (15)

Bachelor Of Arts, Political Science

Political science is the systematic study of government, public policy and the political behavior of individuals and groups. This study develops and sharpens the mind and encourages students to seek solutions to contemporary public problems in relation to personal and Christian values.

Administrator: Chair, Department of History and Political Science

Requirements: 47 credits: 39 in political science of which 30 shall be numbered above 299

- PS 101. American National Politics (3)
- PS 103. The Foundations of Politics: The Quest for Peace and Justice (3)
- PS 105. Introduction to International Relations (3)
- PS 341. American Political Thought and Ideology (3)
- PS 352. Theories of Politics (3)
- PS 361. Comparative Politics (3)
- PS 496. Internship in Political Science (3)
- PS 497. Senior Thesis (3)
- One year of modern foreign language (same language) (8)
- Fifteen credits in political science numbered above 299 (15)

Bachelor of Arts, International Studies

The International Studies major provides the student with an understanding of international affairs through study of modern language, intercultural communication skills, business and international commerce, and the social and political realities which exist outside the United States. The major also develops in students critical liberal arts skills, such as written and oral communication, and critical thinking; and encourages students to seek solutions to contemporary problems through the application of personal and Christian values. Most of the career choices in this area, such as diplomacy, law, international finance, bilingual service, international ministry, and others, require advanced degrees or further specialized training.

Administrator: Chair, Department of History and Political Science

Requirements: 62 credits from the departments of Behavior Sciences and Cultural Studies, Business and Economics, History and Political Science, Religion; and a study abroad experience

- EC 242. Macroeconomic Analysis (3)
- GE 105. Introduction to Geography (3)
- HS 103. The World and the West I (3); or,
HS 104. The World and the West II (3)
- HS 348. Modern Europe (1800-Present) (3)
- PS 103. The Foundations of Politics: The Quest for Peace and Justice (3)
- PS 105. Introduction to International Relations (3)
- PS 333. U.S. Foreign Policy (3)
- PS 361. Comparative Politics (3)
- PS 456. International Peace and Global Governance (3)
- PS 497. Senior Thesis (3)
- PS 498. Seminar in International Studies (3)
- RS 356. World Religions: Asian Traditions (2)
- RS 357. World Religions: Western Traditions (2)
- SO 225. Issues of Developing Nations I (3); or,
SO 325. Issues of Developing Nations II (3)

Twenty-two credits in a modern foreign language of which 6 shall be numbered above 299 (22)

Study abroad is required of all International Studies majors. Students who have not lived in a second culture are required to travel and study abroad (or in the United States under certain circumstances). Students should begin early to plan for the required study abroad.

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 299

PS 101. American National Politics (3)

PS 103. The Foundations of Politics: The Quest for Peace and Justice (3)

PS 105. Introduction to International Relations (3)

Twelve credits in political science numbered above 299 (12)

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.

Administrators: Chair, Department of Behavioral Sciences and Cultural Studies; Chair, Department of History and Political Science

Requirements: 22-23 credits of which 12 shall be numbered above 299

PS 103. The Foundations of Politics: The Quest for Peace and Justice (3)

PS 442. Civil Rights and Civil Liberties (3)

PY 125. Psychology for Life (2); or,

PY 155. Introduction to Psychology (3)

PY 345. Abnormal Psychology (3)

SO 243. Social Problems in Modern Society (2)

SO 252. Criminology (3); or,

SO 253. Juvenile Delinquency (3)

SO 318. Race, Class and Ethnicity (3)

Three credits in political science, psychology, or sociology numbered above 299 (3)

Pre-Professional Program - Pre-Law

Administrator: Stephen Shaw

The Association of American Law Schools recommends no prescribed pre-law program, but suggests that students pursue work in courses that require disciplined and logical thought, and clear and careful communication, especially lucid writing. NNU's rigorous liberal arts education is ideal training for law school and the legal profession; any liberal arts major is excellent preparation, but students may find programs in economics, history, literature, mathematics, philosophy, political science, psychology, science, and sociology quite relevant. Students should note that the precise use of English is increasingly stressed in the Law School Aptitude Test (LSAT). The pre-law advisor, Dr. Stephen Shaw of the Department of History and Political Science, actively assists students in preparing for law school. Recent graduates have attended law schools throughout the United States.

Department Of Music

Faculty: Barry Swanson (Department Chair), Casey Christopher, Walden Hughes, Judy Marlett, George Turner

Learning Objectives: The objective of the music curriculum is to develop within students excellence in creating, performing, and appreciating music. The program serves the total student body by providing ensembles, lessons, and courses, which are open to all students. Also, the program makes available to the student body concerts and recitals throughout the year in the Swayne Auditorium and other auditoriums on campus. The program's course offerings provide the opportunity to:

1. pursue careers in music (Creative Engagement and Academic Excellence);
2. develop one's perception of the intrinsic and aesthetic values within musical expression (Creative Engagement);
3. understand the interrelatedness of music and Christian service (Christlike Character and Social Responsiveness);
4. prepare for service in Church and community (Christlike Character and Social Responsiveness);
5. relate music to life-long learning (Academic Excellence and Creative Engagement).

Majors

Bachelor of Arts, Music

Applied Emphasis

Track I Piano

Track II Voice

Track III Instrumental

Track IV Theory

Commercial Music Emphasis

General Music Emphasis

Worship and Music Ministry Emphasis

Music Education

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

Minors

Music

Worship and Music Ministry

Bachelor of Arts, Music

Administrator: Chair, Department of Music

Requirements for Applied, Commercial, and General Music: : 46-59 credits: 30 core credits, and the requirements for one area of emphasis (16-29)

Core Courses: 30 credits

MU 120. Beginning Music Theory I (3)

MU 121. Beginning Music Theory Laboratory I (1)

MU 122. Beginning Music Theory II (3)

MU 123. Beginning Music Theory Laboratory II (1)

MU 131. Digital Music and Technology (3)

MU 220. Intermediate Music Theory I (3)

MU 221. Intermediate Music Theory Laboratory I (1)

MU 222. Intermediate Music Theory II (3)

MU 223. Intermediate Music Theory Lab II (1)

MU 326. Music History: Medieval, Renaissance and Baroque (3)

MU 327. Music History: Classic, Romantic and Modern (3)

MU 360. Choral Conducting (2)

MU 410. Forms and Analysis (3)

An acceptable level of keyboard proficiency (determined by examination) is required in all emphases. A student may acquire needed skills by taking available piano courses.

Additionally all music majors are required to:

1. participate in a minimum of one ensemble each semester;
2. participate four semesters in the major ensemble appropriate for their primary performance medium;
3. study privately each semester in their primary performance medium (voice or instrument) (additional fee required);
4. pass a juried examination in their performance medium each semester. A minimum of six examinations must be on file to qualify for graduation in music. Exceptions will only be by permission from the chair of the Music Department.
5. attend ten recitals or concerts during each semester.

Familiarization and compliance with music program policies as outlined in the Music Program Handbook is the student's responsibility. Copies are available in the department office.

Applied Emphasis

Designed for students interested in music performance and private studio teaching, and those who plan to pursue graduate work in performance, pedagogy, or theory.

Track I Requirements (Piano): 23 credits

Major performance medium: 13 credits

MU 322. Counterpoint (3); or,

MU 323. Composition (3)

MU 343. Performance Practices (1)

MU 439. Piano Methods (3)

Three credits in music numbered above 299 (3)

Recital during junior and senior years

Track II Requirements (Voice): 21 credits

Major performance medium: 12 credits

MU 322. Counterpoint (3); or,

MU 323. Composition (3)

MU 344. Diction (3)

MU 441. Voice Methods (3)

Recital during junior and senior years

Track III Requirements (Instrumental): 21 credits

Major performance medium: 12 credits

MU 322. Counterpoint (3); or,

MU 323. Composition (3)

MU 399. Directed Study - Methods (3)

Three credits in music numbered above 299 (3)

Recital during junior and senior years

Track IV Requirements (Theory): 19 credits

Major performance medium: 8 credits

MU 321. Orchestration (3)

MU 322. Counterpoint (3)

MU 323. Composition (3)

MU 361. Instrumental Conducting (2)

Recital and/or project during junior and senior years

Commercial Music Emphasis

Designed for students interested in pursuing a career in commercial music avenues.

Requirements: 29 credits

MU 315. Music Technology (1)

MU 321. Orchestration (3)

MU 323. Composition (3)

MU 395. Field Experience in Music Management (1)

MU 495B. Internship in Audio Engineering (1-3) (3 required) (may be repeated)

MU 498. Seminar in Music Business Management (3)

Half recital during the senior year.

Business Courses:

AC 106. Financial Accounting (3)

BU 217. Computer Applications in Business (3)

BU 351. Principles of Marketing (3)

BU 353. Marketing Communications (3)

Communication Studies Courses:

CO 328. Media Law and Ethics (3)

General Music Emphasis

Designed to give the student a general background in music and a working knowledge of its elements.

Requirements: 16 credits

- MU 101. A Survey of Art and Music (3)
- MU 224. Improvisation (3)
- MU 322. Counterpoint (3); or,
- MU 323. Composition (3)
- MU 375. Symphonic Literature (1)
- Six credits in music numbered above 299 (6)

Worship and Music Ministry Emphasis

Designed for students interested in pursuing a career in music ministry, through church music leadership.

Requirements: 51 credits

Modified Core Courses: 21 credits

- MU 120. Beginning Music Theory I (3)
- MU 121. Beginning Music Theory Laboratory I (1)
- MU 122. Beginning Music Theory II (3)
- MU 123. Beginning Music Theory Laboratory II (1)
- MU 131. Digital Music and Technology (3)
- MU 211. Introduction to Music Ministry (1)
- MU 220. Intermediate Music Theory I (3)
- MU 221. Intermediate Music Theory Laboratory I (1)
- MU 326. Music History: Medieval, Renaissance and Baroque (3); or,
- MU 327. Music History: Classic, Romantic and Modern (3)
- MU 360. Choral Conducting (2)

Additional Music Courses: 19 credits

- MU 224. Improvisation (3)
- MU 320. Practicum in Worship Planning and Leadership (2)
- MU 321. Orchestration (3)
- MU 353. Church Music Resources and Materials (3)
- MU 361. Instrumental Conducting (2)
- MU 451. Music in Worship and Ministry (3)
- MU 495A. Internship in Church Music (1-3) (3 required)
- Half Recital in the senior year

Visual Media and Technology courses: 4 credits

- AR 243. Introduction to Computer Graphics (3)
- CO 126. Introduction to Video (1)

Religion Courses: 7 credits

- PT 171. Introduction to Christian Ministry (1)
- PT 296. Field Experience in Christian Ministry (1)
- PT 322. Worship Theory and Development (2)
- PT 482. Pastoral Leadership (3)

Additionally Worship and Music Ministry Majors are required to:

1. participate in a minimum of one ensemble each semester;
2. participate four semesters in the major ensemble appropriate for their primary performance medium;

3. study privately each semester in their primary performance medium (voice or instrument) (additional fee required);
4. pass a juried examination in their performance medium each semester; (A minimum of six examinations must be on file to qualify for graduation in music. Exceptions will only be by permission from the chair of the Music Department.)
5. attend ten recitals or concerts during each semester.

Familiarization and compliance with music program policies as outlined in the Music Program Handbook is the student's responsibility. Copies are available in the department office.

Minor, Music

Requirements: 22 credits

- MU 120. Beginning Music Theory I (3)
- MU 121. Beginning Music Theory Laboratory I (1)
- MU 122. Beginning Music Theory II (3)
- MU 123. Beginning Music Theory Laboratory II (1)
- MU 131. Digital Music and Technology (3)
- MU 326. Music History: Medieval, Renaissance and Baroque (3); or,
 MU 327. Music History: Classic, Romantic and Modern (3)
- MU 360. Choral Conducting (2); or,
 MU 361. Instrumental Conducting (2)

Three credits in music numbered above 299; not including ensembles or applied music (3)

No less than three credits of applied music and/or ensemble credit (additional fee required for applied music) (3)

Minor, Worship and Music Ministry

Requirements: 24 credits

- MU 120. Beginning Music Theory I (3)
- MU 121. Beginning Music Theory Laboratory I (1)
- MU 122. Beginning Music Theory II (3)
- MU 123. Beginning Music Theory Laboratory II (1)
- MU 211. Introduction to Music Ministry (1)
- MU 321. Orchestration (3)
- MU 326. Music History: Medieval, Renaissance and Baroque (3); or,
 MU 327. Music History: Classic, Romantic and Modern (3)
- MU 353. Church Music Resources and Materials (3)
- MU 360. Choral Conducting (2)
- MU 495A. Internship in Church Music (1-3) (2 required)
- PT 322. Worship Theory and Development (2)

School Of Business

Dean of the School of Business: Ron Galloway

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

1. Students will be provided with instruction necessary to increase their knowledge and to encourage academic excellence across a range of contemporary business subjects, including accounting, economics, finance, management, information technology, operations, international business environment, law, ethics, marketing and communication.
2. Students will experience activities that facilitate development of skills relevant to and which encourage creative engagement with the contemporary business environment. These skills will include teamwork, qualitative and quantitative analysis, written and oral communication, use of technology, and decisionmaking.
3. Students will be involved in activities which will enhance their ability to work with Christlike character in a variety of business environments. Aspects of Christlike character addressed will include business ethics, social responsibility, workplace respect, and legal compliance.

Students in the Department of Business and Economics may pursue an Accounting major or a Business Administration major. Students pursuing a Bachelor of Science in Business may choose to pursue a Management of Information Systems emphasis. Alternatively, many Business majors will choose to pursue a specialization through a business related minor. The following minors are offered by the School of Business: economics, global business, management, marketing, and business administration.

Department of Business and Economics

Majors

Bachelor of Science, Accounting
 Bachelor of Science, Business Administration
 Bachelor of Arts, Business Administration

Minors

Economics
 Management
 Marketing
 Global Business
 Business Administration

STEP

B.S., Business Administration, STEP

Department of Business and Economics

Faculty: Ron Galloway (Dean), David Houghton (Department Chair), Jeff Lineman (STEP Director), Peter Crabb, Samuel Dunn, Mark Emerson, Eric Forseth, Brenda Johnson, Melvin Jolly, Karen Jones, Joel Pearsall, Bill Russell, Gary Skaggs, Mollie Sweet, Ann Thompson-Crabb, Stephen Van der Ploeg, RG Vanderpool, Dick Van Schyndel, Konya Weber, David Wetzell, Teri Whilden

Business and Economics Department majors 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 two of the classes listed below. This application normally occurs during the second semester of the first year.

AC 106. Financial Accounting (3)
 AC 107. Managerial Accounting (3)
 BU 222. Business Communication (3)
 EC 241. Microeconomic Analysis (3)
 EC 242. Macroeconomic Analysis (3)
 BU 233. Math for Business and Finance (3)

Admission to Advanced Standing

To qualify for entrance into upper-division courses applicable for completion of degrees within the Department of Business and Economics, students must complete the following requirements for acceptance into Advanced Standing:

1. Be officially admitted to Northwest Nazarene University and be declared either a Business or Accounting Major
2. Have completed at least two business classes or accounting classes offered through the Business Department and be progressing in at least two business or accounting classes at the time of the interview
3. Have a minimum cumulative grade point average of 2.5 or better
4. Make application for advanced standing
5. Interview with a faculty panel
6. Be accepted by vote of the business faculty

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

Majors

Bachelor of Science, Accounting
 Bachelor of Science, Business Administration
 Bachelor of Arts, Business Administration

Minors

Economics
 Management
 Marketing
 Global Business
 Business Administration

STEP

B.S., Business Administration, STEP

Bachelor of Science, Accounting

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

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

Administrator: Department Chair, Undergraduate Business Program

Requirements: 78 credits: in accounting, finance, business administration, economics, and mathematics

AC 106. Financial Accounting (3)
 AC 107. Managerial Accounting (3)
 AC 301. Income Taxation (3)
 AC 304. Cost Accounting (3)
 AC 351. Intermediate Accounting I (3)
 AC 352. Intermediate Accounting II (3)
 AC 396. Internship in Accounting (3)
 AC 402. Auditing (3)
 AC 451. Advanced Financial Accounting (3)
 BU 217. Computer Applications in Business (3)
 BU 222. Business Communication (3)
 BU 233. Math for Business and Finance (3); or,
 MA 224. Elementary Statistics (3)
 BU 303. Management Information Systems (3)
 BU 341. Business Law I (3)
 BU 342. Business Law II (3)
 BU 351. Principles of Marketing (3)

BU 364. Principles of Management (3)
 BU 371. Financial Management (3)
 BU 381. Business Ethics (3)
 BU 396. Internship in Business (3)
 BU 469. Global Operations Management (3)
 BU 498. Senior Seminar In Business (3)
 EC 241. Microeconomic Analysis (3)
 EC 242. Macroeconomic Analysis (3)
 Two upper division electives offered by the Department of Business and Economics (excluding BU 396, and BU 496) (6)

Bachelor of Science, Business Administration

Objective: 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: Department Chair, Undergraduate Business Program

Requirements: 54 credits; completion of the prescribed core courses. If an emphasis in Management Information Systems is desired, additional prescribed courses (26 credits) are available.

Core courses:

AC 106. Financial Accounting (3)
 AC 107. Managerial Accounting (3)
 BU 217. Computer Applications in Business (3)
 BU 222. Business Communication (3)
 BU 233. Math for Business and Finance (3); or,
 MA 224. Elementary Statistics (3)
 BU 303. Management Information Systems (3)
 BU 341. Business Law I (3)
 BU 351. Principles of Marketing (3)
 BU 364. Principles of Management (3)
 BU 371. Financial Management (3)
 BU 381. Business Ethics (3)
 BU 396. Internship in Business (3)
 BU 469. Global Operations Management (3)
 BU 498. Senior Seminar In Business (3)
 EC 241. Microeconomic Analysis (3)
 EC 242. Macroeconomic Analysis (3)

Two upper division electives offered by the Business Department (excluding BU 396, and BU 496)

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

Management Information Systems Emphasis (23 prescribed credits)

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

Core classes:

CS 222. Computer Programming in C++ (3)
 CS 222L. Computer Programming in C++ Laboratory (1)
 CS 275. Data Structures (3)
 CS 333. Database Design and Programming (3)
 CS 333L. Database Design and Programming Laboratory (1)
 CS 337. Systems Analysis and Design (3)
 CS 363. Networks and Data Communications I (3)

CS 364. Networks and Data Communications II (3)

MA 231. Discrete Mathematics (3)

Bachelor of Arts, Business Administration

Objective: 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: Department Chair, Undergraduate Business Program

Requirements: 62-70 credits; completion of the prescribed core courses. If a minor in Economics, Global Business, Management or Marketing is desired, 5 additional prescribed courses (15 credits) are available. This will result in a B.A. in Business Administration with a minor in the designated area. It may take more than four years for some students to complete the core and minor because of the language requirement.

Core courses:

AC 106. Financial Accounting (3)

AC 107. Managerial Accounting (3)

BU 217. Computer Applications in Business (3)

BU 222. Business Communication (3)

BU 233. Math for Business and Finance (3); or,

MA 224. Elementary Statistics (3)

BU 303. Management Information Systems (3)

BU 341. Business Law I (3)

BU 351. Principles of Marketing (3)

BU 364. Principles of Management (3)

BU 371. Financial Management (3)

BU 381. Business Ethics (3)

BU 396. Internship in Business (3)

BU 469. Global Operations Management (3)

BU 498. Senior Seminar In Business (3)

EC 241. Microeconomic Analysis (3)

EC 242. Macroeconomic Analysis (3)

Intermediate Foreign Language (8 Credits)*

*Prerequisite of beginning language may be required.

Two upper division electives offered by the Business Dept. (excluding BU 396, and BU 496)

Minor, Economics

Requirements: (18 prescribed credits). For the student who wishes to enter the field of financial management or financial counseling.

EC 241. Microeconomic Analysis (3)

EC 242. Macroeconomic Analysis (3)

EC 315. Managerial Economics (3)

EC 351. Money and Financial Institutions (3)

EC 377. Saving and Investing (3)

EC 405. Global Economics (3)

Minor, Management

Requirements: (21 prescribed credits). For the student who desires to concentrate in management and organizational development.

BU 341. Business Law I (3)

BU 342. Business Law II (3)
 BU 364. Principles of Management (3)
 BU 365. Human Resource Management (3)
 BU 460. Global Business Strategies (3)
 BU 461. Entrepreneurship (3); or,
 EC 315. Managerial Economics (3)
 BU 467. Organizational Behavior (3)

Minor, Marketing

Requirements: (18 prescribed credits). For the student who desires to pursue a career in brand management, marketing research, advertising or other marketing related fields.

BU 351. Principles of Marketing (3)
 BU 353. Marketing Communications (3)
 BU 355. Sales Management (3); or,
 EC 315. Managerial Economics (3)
 BU 358. Retail Management (3)
 BU 456. Marketing Metrics (3)
 BU 459. Global Marketing (3)

Minor, Global Business

Requirements: (23 prescribed credits). For the student who desires to pursue a career in international business.

BU 459. Global Marketing (3)
 BU 460. Global Business Strategies (3)
 BU 461. Entrepreneurship (3)
 EC 315. Managerial Economics (3)
 EC 405. Global Economics (3)
 Two semesters of an Intermediate Foreign Language (8)

Minor, Business Administration

Requirements: 18 credits in Business, Accounting, or Economics, 9 of which must be upper division. Students must meet with a Business Department advisor to develop a program of study (Only available to non-business administration majors).

STEP Program, Bachelor of Science, Business Administration

Objective: The STEP Program offers a Bachelor of Science in Business Administration in an accelerated delivery format for students 23 years of age and older with previous college experience. Please contact the STEP Office for details.

Administrator: Director, STEP Program

Core courses:

AC 206. Financial Accounting (3)
 AC 207. Managerial Accounting (3)
 BU 317. Computer Applications in Business (3)
 BU 303. Management Information Systems (3)
 BU 322. Business Communication (3)
 BU 341. Business Law I (3)
 BU 351. Principles of Marketing (3)
 BU 364. Principles of Management (3)
 BU 371. Financial Management (3)

BU 381. Business Ethics (3)

BU 469. Global Operations Management (3)

BU 498. Senior Seminar In Business (3)

EC 341. Microeconomic Analysis (3)

EC 342. Macroeconomic Analysis (3)

BU 333. Mathematics for Business and Finance (3); or,

MA 224. Elementary Statistics (3)

Two electives offered by the Business Department (excluding EC 101 and EC 105)

Requirements: 51 credits; completion of the prescribed core courses (51)

School Of Education, Social Work, And Counseling

Dean of the School of Education, Social Work and Counseling: Jim Bader

The School of Education, Social Work, and Counseling prepares professionals to serve the educational, social service and counseling needs of communities. These accredited programs are delivered in an environment that honors Christ and Christian principles through undergraduate and graduate programs leading to professional licensure/certification. Professional development activities are provided for practicing professionals.

The three departments in this school include: Education, Social Work, and Counselor Education. Programs available in the school by departments are as follows:

Education

- Undergraduate - Elementary Education**
- Secondary Education**
- Multiple programs of preparation to teach at the secondary level**
- Graduate - Curriculum and Instruction**
- Director of Special Education**
- Education Leadership**
- Exceptional Child**
- Reading**

Social Work

- Undergraduate - Social Work**
- Graduate - Social Work (MSW)**

Counselor Education

- Graduate - School Counseling**
- Marriage and Family Counseling**
- Community Counseling**

Descriptions of majors, areas of emphasis, minors, and other programs are found in this chapter, while course descriptions are found at the end of the catalog, arranged alphabetically by discipline.

Department of Education

Majors

- Bachelor of Arts, Elementary Education
- Bachelor of Arts, Secondary Education
- Art Teaching Area Emphasis
- Art Second Teaching Field Emphasis
- Biology Teaching Area Emphasis
- Biology First Teaching Field Emphasis
- Biology Second Teaching Field Emphasis
- Chemistry Teaching Area Emphasis
- Chemistry First Teaching Field Emphasis
- Chemistry Second Teaching Field Emphasis

Computer Science Second Teaching Field Emphasis

English Teaching Area Emphasis

English First Teaching Field Emphasis

English Second Teaching Field Emphasis

Health Second Teaching Field Emphasis

History First Teaching Field Emphasis

History Second Teaching Field Emphasis

Kinesiology Teaching Area Emphasis

Kinesiology First Teaching Field Emphasis

Kinesiology Second Teaching Field Emphasis

Mathematics Teaching Area Emphasis

Mathematics First Teaching Field Emphasis

Mathematics Second Teaching Field Emphasis

Music Teaching Area Emphasis

Music Second Teaching Field Emphasis

Physics Second Teaching Field Emphasis

Psychology Second Teaching Field Emphasis

Social Science Teaching Area Emphasis

Social Science Second Teaching Field Emphasis

Spanish First Teaching Field Emphasis

Spanish Second Teaching Field Emphasis

Department of Social Work

Majors

Bachelor of Arts, Social Work

Minors

Social Welfare

Department of Education

Faculty: Karen Blacklock (Department Chair), Jim Bader, Terry Cantrell, Janet Harman, Lynette Hill, Phyllis McMillin, Steve Mountjoy, Michael Poe, Duane Slemmer, Karen Smucker and Debra Ujiye.

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

Learning Objectives: Objectives for graduation from NNU's education programs are grounded in the Critical/Social conceptual framework. Objectives are clearly aligned with state standards and university outcomes.

1. **Citizenship/Democratic Society:** Graduates of education programs will promote democratic values, facilitate equal voice and equal access for all students and parents, examine and challenge social inequities in schools and communities, and formulate responses to local and global issues in education. (Social Responsiveness)
2. **Liberal Arts/Continuing Learning:** Graduates of education programs will value learning, evidence breadth of knowledge, and demonstrate an inquiry-based habit of mind. They will be effective communicators who question educational assumptions and use educational research to stimulate reflection and inform classroom practice. (Academic Excellence)
3. **Professional Knowledge and Skills:** Through a learner-centered approach, graduates of education programs will apply theories, strategies, and research in teaching and learning to challenge, interest, accommodate, and assess a diverse student population. They will relate to students and families in a manner that stimulates learning and creates a positive, productive environment. They will use reflection to improve teaching and learning. (Creative Engagement, Christlike Character, Social Responsiveness)

4. **Role of Schooling:** Graduates of education programs will demonstrate understanding of the historical and philosophical purposes of schools and a range of legal and societal influences. They will use their knowledge to make decisions about their teaching and work to improve school conditions and educational opportunities for all. (Academic Excellence, Social Responsiveness)

Learner-Centered Approach

To facilitate mastery of the knowledge base and outcomes, the teacher education program is built on learner-centered principles. This means that all learners, both faculty and students, collaborate to provide a learning community that encourages individuals to build foundations on which they can create meaningful, coherent uses of knowledge.

ADMINISTRATOR

The Chair is the administrator of the Education Department. The Director of Teacher Education has oversight responsibilities for the education programs across campus.

ACCREDITATION

The teacher education program is accredited by the Northwest Association of Schools and Colleges and the National Council for Accreditation of Teacher Education (NCATE). The program is approved by the Idaho State Board of Education using Idaho standards.

Northwest Nazarene University is a member of the American Association of Colleges for Teacher Education and the Association of Independent Liberal Arts Colleges of Teacher Education.

TRANSFER AND POST-BACCALAUREATE STUDENTS

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

CHECKPOINT 1: ADMISSION TO TEACHER EDUCATION

Application for admission to teacher education should be made during the semester when ED 296 (Field Experience) is taken. Decision factors include cumulative GPA, ACT/COMPASS scores, and disposition reports.

Requirements for admission:

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

1. **Scholarship.** A cumulative grade point average of 2.75 or above must have been earned in university work or a grade point average of 3.00 or higher earned in the most recent 32 semester credits. GPA is computed only on work taken at NNU.
2. **Dispositions for teaching.** These values, commitments, and professional ethics are listed on the Professional Progress Report in the Teacher Education Handbook. They are demonstrated by candidates in courses, field experiences and interviews.
3. **Satisfactory test performance.** Minimum ACT scores of 21 on English and 21 on mathematics (or minimum COMPASS scores of 86 on English and 46 on mathematics) are required for admission. Assistance in studying for these tests is available in the Academic Support Center.
4. **Residence.** One semester in residence at NNU must precede admission to the program.

CHECKPOINT 2: ADMISSION TO METHODS AND READING COURSES

Prerequisites for admission to the reading courses and secondary methods courses are admission to the Education Program, maintaining a 2.75 or better cumulative GPA, and satisfactory ratings on dispositions for teaching.

CHECKPOINT 3: ADMISSION TO STUDENT TEACHING (SECONDARY)

Admission to secondary student teaching (ED 486 or ED 487) occurs after completion of ED 342, Teaching Methods in the Secondary Classrooms, ED 343 Assessment in Secondary Classrooms, and content specific methods courses. Criteria for admission include:

1. Maintaining a 2.75 or better cumulative GPA
2. Passing state required test of content (PRAXIS II test).
3. Demonstrating ability in planning, instruction, assessment, and student management and motivation during methods practicum, and,
4. Satisfactory ratings on dispositions for teaching.

CHECKPOINT 3: ADMISSION TO INTERNSHIP (ELEMENTARY)

Elementary education majors experience a full-year internship in a local elementary partnership school. This internship consists of university coursework integrated with K- 6 classroom experience. Courses in the internship year include 442, 444, 445, 446, and 481.

Admission to the internship year occurs at the end of the semester in which Content Literacy in Elementary Classrooms (ED 326) and Fundamentals of Reading (ED 325) are taken. Criteria for admission include:

1. Maintaining a 2.75 or better cumulative GPA
2. Passing state required test of content (PRAXIS II test).

3. Demonstrating ability in planning, instruction, assessment, and student management and motivation during methods practicum, and,
4. Satisfactory ratings on dispositions for teaching.

CHECKPOINT 4: PROGRAM COMPLETION AND RECOMMENDATION FOR CERTIFICATION

Candidates must have successfully completed all requirements for student teaching or internship, passed all State required exams, and been recommended by the Teacher Education Council for certification.

Majors

Bachelor of Arts, Elementary Education

Bachelor of Arts, Secondary Education

Art Teaching Area Emphasis

Art Second Teaching Field Emphasis

Biology Teaching Area Emphasis

Biology First Teaching Field Emphasis

Biology Second Teaching Field Emphasis

Chemistry Teaching Area Emphasis

Chemistry First Teaching Field Emphasis

Chemistry Second Teaching Field Emphasis

Computer Science Second Teaching Field Emphasis

English Teaching Area Emphasis

English First Teaching Field Emphasis

English Second Teaching Field Emphasis

Health Second Teaching Field Emphasis

History First Teaching Field Emphasis

History Second Teaching Field Emphasis

Kinesiology Teaching Area Emphasis

Kinesiology First Teaching Field Emphasis

Kinesiology Second Teaching Field Emphasis

Mathematics Teaching Area Emphasis

Mathematics First Teaching Field Emphasis

Mathematics Second Teaching Field Emphasis

Music Teaching Area Emphasis

Music Second Teaching Field Emphasis

Physics Second Teaching Field Emphasis

Psychology Second Teaching Field Emphasis

Social Science Teaching Area Emphasis

Social Science Second Teaching Field Emphasis

Spanish First Teaching Field Emphasis

Spanish Second Teaching Field Emphasis

Bachelor of Arts, Elementary Education

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

Administrator: Chair, Department of Education

ELEMENTARY PROGRAM REQUIREMENTS

Requirements: 53 credits in professional education; 41 other required courses, most of which also meet general education requirements.

Professional Education Courses:

- * ED 110. Introduction to Teaching (1)
- ED 211. Educational Psychology (3)
- ED 275. Technology in the Classroom (2)
- * ED 296. Field Experience (1)
- ED 300. Mathematics Lab for Elementary Teachers (2)
- ED 315. Education of Exceptional Children (3)
- ED 324. Classroom Management in Elementary Schools (3)
- * ED 325. Fundamentals of Reading (3)
- * ED 326. Content Literacy in Elementary Classrooms (3)
- ED 331. Teaching the Bilingual/Bicultural Child (1)
- * ED 392. Foundations of Education (2)
- * ED 442. Methods of Instruction for the Elementary Classroom (9)
- * ED 444. Elementary Internship I (2)
- * ED 445. Elementary Internship II (12)
- * ED 446. Assessment and Intervention in Reading (3)
- * ED 481. Elementary School Start-Up (1)

One course selected from:

- AR 333. Teaching Art in the Elementary School (3)
- KI 338. Teaching Physical Education in the Elementary Schools (2)

* Courses must be taken at Northwest Nazarene University.

Other required courses:**English**

- EN 102. English Composition (3)
- EN 212. English Grammar and Usage (2)
- EN 202. Research Writing and Critical Thinking (3)
- EN 374. Children's Literature (3)

Social Science

12 elective credits including:

- U.S. History
- Non-U.S. History
- GE 105. Introduction to Geography (3)

Mathematics

- MA 201. Fundamental Mathematical Structures I (3)
- MA 202. Fundamental Mathematical Structures II (3)

Science

8 elective credits in science including:

- One biological science and
- One physical science (or natural science)
- One lab

Fine Arts

- Art history/Music literature elective (3)

Health

- KI 100. Fundamentals of Wellness (1)

Program Certification Requirements:

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

1. Complete all requirements for a baccalaureate degree.
2. Complete requirements of the teacher education program in effect at the time of admission to teacher education and any additional requirements if required by changes in the standards of state regulatory agencies.
3. Complete all education courses and content courses in the elementary major with a grade of C (2.0) or better.
4. Maintain a 2.75 or better cumulative GPA.
5. Pass the PRAXIS II elementary content and pedagogy tests.
6. Pass the Idaho Comprehensive Literacy Assessment (ICLA).
7. Receive a favorable vote of the Teacher Education Council for recommendation for certification.

Completing an Idaho approved teacher education 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.

Bachelor of Arts, Secondary Education

Objective: To prepare students to teach content courses in grades 6-12 (K-12 for Art, Kinesiology and Music) and meet the requirements for Idaho certification.

Administrators: Content Area Department Chairs; Director, Teacher Education

SECONDARY PROGRAM REQUIREMENTS:

Requirements: See specific content area below for courses and credits.

Professional Education Courses:

Professional education core (30-36 credits) including:

- * ED 110. Introduction to Teaching (1)
- ED/PY 211. Educational Psychology (3)
- ED 275. Technology in the Classroom (2)
- * ED 296. Field Experience (1)
- ED 315. Education of Exceptional Children (3)
- * ED 341. Content Literacy in Secondary Classrooms (3)
- * ED 351. Teaching Methods in Secondary Classrooms (3)
- * ED 375. Classroom Management in Secondary Schools (2)
- * Special Methods Courses in first and second teaching fields or teaching area (2-6)
- * ED 392. Foundations of Education (2)
- * ED 485. Secondary School Start-Up (1)
- * ED 486. Student Teaching in the Middle School/Junior High School (12); or,
- * ED 487. Student Teaching in the Senior High School (12)

* Courses must be taken at Northwest Nazarene University.

Program Certification Requirements:

1. Complete all requirements for a baccalaureate degree.
2. Complete a subject teaching area emphasis of at least 45 semester credit hours as recommended by the subject department and approved by the Department of Education, or completion of a first teaching field emphasis of at least 30 semester credit hours and a second teaching field emphasis of at least 20 semester credit hours as recommended by the subject departments and approved by the Department of Education. These areas and fields include:
 - a. Teaching areas: art, biology, chemistry, English, kinesiology, mathematics, music, social science.
 - b. First teaching fields: biology, chemistry, English, history, kinesiology, mathematics, Spanish.
 - c. Second teaching field: art, biology, chemistry, computer science, English, health, history, kinesiology, mathematics, music, physics, psychology, social science, Spanish.
3. Complete all required education courses and required content courses with a grade of C (2.0) or better.
4. Complete requirements of the teacher education program in effect at the time of admission to teacher education and any additional requirements if required by changes in the standards of state regulatory agencies.
5. Demonstrate competency in the area of technology.
6. Pass the PRAXIS II content test(s) in teaching area or fields.

7. Receive a favorable vote of the Teacher Education Council for recommendation for certification.

Completing an Idaho approved teacher education 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.

Subject teaching areas and fields:

Art Teaching Area Emphasis
 Art Second Teaching Field Emphasis
 Biology Teaching Area Emphasis
 Biology First Teaching Field Emphasis
 Biology Second Teaching Field Emphasis
 Chemistry Teaching Area Emphasis
 Chemistry First Teaching Field Emphasis
 Chemistry Second Teaching Field Emphasis
 Computer Science Second Teaching Field Emphasis
 English Teaching Area Emphasis
 English First Teaching Field Emphasis
 English Second Teaching Field Emphasis
 Health Second Teaching Field Emphasis
 History First Teaching Field Emphasis
 History Second Teaching Field Emphasis
 Kinesiology Teaching Area Emphasis
 Kinesiology First Teaching Field Emphasis
 Kinesiology Second Teaching Field Emphasis
 Mathematics Teaching Area Emphasis
 Mathematics First Teaching Field Emphasis
 Mathematics Second Teaching Field Emphasis
 Music Teaching Area Emphasis
 Music Second Teaching Field Emphasis
 Physics Second Teaching Field Emphasis
 Psychology Second Teaching Field Emphasis
 Social Science Teaching Area Emphasis
 Social Science Second Teaching Field Emphasis
 Spanish First Teaching Field Emphasis
 Spanish Second Teaching Field Emphasis

Art Teaching Area Emphasis

Requirements: 45 credits of which 27 shall be numbered above 299.

AR 102. 2D Design (3)
 AR 104. Drawing 1 (3)
 AR 201. 3D Design (3); or,
 AR 205. Ceramics 1 (3)
 AR 207. Figure Studies (3)
 AR 241. Painting 1 (3)
 AR 276. Photography 1 (3)
 AR 306. Printmaking (3)

AR 325. Art History 1 (3)
 AR 375. Art History 2 (3)
 AR 333. Teaching Art in the Elementary School (3)
 AR 353. Teaching Art in Secondary Schools (3)
 AR 487. Senior Exhibition (1-3) (3 required)
 Nine credits in art numbered above 299 (9)

Art Second Teaching Field Emphasis

Requirements: 24 credits

AR 102. 2D Design (3)
 AR 104. Drawing 1 (3)
 AR 201. 3D Design (3); or,
 AR 205. Ceramics 1 (3)
 AR 241. Painting 1 (3)
 AR 333. Teaching Art in the Elementary School (3)
 AR 353. Teaching Art in Secondary Schools (3)
 One course in art history numbered above 299 (3)
 Three credits in art numbered above 299 (3)

Biology Teaching Area Emphasis

Requirements: 45 credits from the areas of biology and chemistry; 32 credits must be biology including at least six credits from botany; 6 credits of math.

BI 222. General Biology I (3), and
 BI 222L. General Biology I Laboratory (1)
 BI 223. General Biology II (3), and
 BI 223L. General Biology II Laboratory (1)
 BI 372. Genetics (3), and
 BI 372L. Genetics Laboratory (1)
 BI 397. Research (1-3)

Two courses selected from:

BI 330. Vertebrate Zoology: Ectotherms (3), and
 BI 330L. Vertebrate Zoology: Ectotherms Laboratory (1)
 BI 332. Vertebrate Zoology: Endotherms (3), and
 BI 332L. Vertebrate Zoology: Endotherms Laboratory (1)
 BI 316. Plant Taxonomy (3), and
 BI 316L. Plant Taxonomy Laboratory (1)

Three courses selected from:

BI 324. Plant and Animal Ecology (3)
 BI 342. General Microbiology (3), and
 BI 342L. General Microbiology Laboratory (1)
 BI 346. Cell Biology (3), and
 BI 346L. Cell Biology Laboratory (1)
 BI 352. Developmental Biology (3), and
 BI 352L. Developmental Biology Laboratory (1)
 BI 362. Vertebrate Physiology (3), and

BI 362L. Vertebrate Physiology Laboratory (1)

CM 221. General Chemistry I (3), and

CM 221L. General Chemistry I Laboratory (1)

CM 222. General Chemistry II (3), and

CM 222L. General Chemistry II Laboratory (1)

MA 130. College Algebra (3)

MA 224. Elementary Statistics (3)

ED 364. Teaching Science in the Secondary School (2)

Note: A maximum of four credits in BI 397 will be allowed toward the major.

Biology First Teaching Field Emphasis

Requirements: 37 credits (6 must be in botany and 6 in zoology)

BI 222. General Biology I (3); and,

BI 222L. General Biology I Laboratory (1)

BI 223. General Biology II (3); and,

BI 223L. General Biology II Laboratory (1)

BI 372. Genetics (3); and,

BI 372L. Genetics Laboratory (1)

CM 221. General Chemistry I (3); and,

CM 221L. General Chemistry I Laboratory (1)

CM 222. General Chemistry II (3); and,

CM 222L. General Chemistry II Laboratory (1)

ED 364. Teaching Science in the Secondary School (2)

Two courses selected from:

BI 330. Vertebrate Zoology: Ectotherms (3); and,

BI 330L. Vertebrate Zoology: Ectotherms Laboratory (1)

BI 332. Vertebrate Zoology: Endotherms (3); and,

BI 332L. Vertebrate Zoology: Endotherms Laboratory (1)

BI 316. Plant Taxonomy (3); and,

BI 316L. Plant Taxonomy Laboratory (1)

Two courses selected from:

BI 324. Plant and Animal Ecology (3)

BI 342. General Microbiology (3); and,

BI 342L. General Microbiology Laboratory (1)

BI 346. Cell Biology (3); and,

BI 346L. Cell Biology Laboratory (1)

BI 352. Developmental Biology (3); and,

BI 352L. Developmental Biology Laboratory (1)

BI 362. Vertebrate Physiology (3); and,

BI 362L. Vertebrate Physiology Laboratory (1)

Biology Second Teaching Field Emphasis

Requirements: 22 credits (6 must be in botany and 6 in zoology)

- BI 222. General Biology I (3); and,
BI 222L. General Biology I Laboratory (1)
- BI 223. General Biology II (3); and,
BI 223L. General Biology II Laboratory (1)
- BI 372. Genetics (3); and,
BI 372L. Genetics Laboratory (1)
- Eight elective upper division biology credits (8)
- ED 364. Teaching Science in the Secondary School (2)

Chemistry Teaching Area Emphasis

Requirements: 47 credits of chemistry and related courses

- BI 222. General Biology I (3); and,
BI 222L. General Biology I Laboratory (1)
- CM 221. General Chemistry I (3); and,
CM 221L. General Chemistry I Laboratory (1)
- CM 222. General Chemistry II (3); and,
CM 222L. General Chemistry II Laboratory (1)
- CM 261. Analytical Chemistry (3); and,
CM 261L. Analytical Chemistry Laboratory (1)
- CM 321. Organic Chemistry I (3); and,
CM 321L. Organic Chemistry I Laboratory (1)
- CM 322. Organic Chemistry II (3); and,
CM 322L. Organic Chemistry II Laboratory (1)
- CM 351. Thermodynamics and Kinetics (3)
- CM 362. Integrated Laboratory I (1)
- CM 461. Integrated Laboratory II (1)
- MA 151. Survey of Calculus (3)
- PH 111. College Physics I (3); and,
PH 111L. College Physics I Laboratory (1)
- PH 112. College Physics II (3); and,
PH 112L. College Physics II Laboratory (1)
- * CM 497. Research (1-6)
- CM 498. Senior Seminar (1)

One course selected from:

- CM 331. Inorganic Chemistry (3)
- CM 471. Structure Elucidation (3)
- BI 441. Biochemistry I (3); and,
BI 441L. Biochemistry I Laboratory (1)

- ED 364. Teaching Science in the Secondary School (2)

12 credits in chemistry must be taken at NNU, including CM 497 and CM 498

* A maximum of six credits in CM 497 will be allowed toward the major

Chemistry First Teaching Field Emphasis

Requirements: 32 credits of chemistry and related courses

- CM 221. General Chemistry I (3); and,
CM 221L. General Chemistry I Laboratory (1)
- CM 222. General Chemistry II (3); and,
CM 222L. General Chemistry II Laboratory (1)
- CM 261. Analytical Chemistry (3); and,
CM 261L. Analytical Chemistry Laboratory (1)
- CM 321. Organic Chemistry I (3); and,
CM 321L. Organic Chemistry I Laboratory (1)
- CM 322. Organic Chemistry II (3); and,
CM 322L. Organic Chemistry II Laboratory (1)
- CM 351. Thermodynamics and Kinetics (3)
- CM 362. Integrated Laboratory I (1)
- CM 461. Integrated Laboratory II (1)
- * CM 497. Research (1-6)
- CM 498. Senior Seminar (1)
- MA 151. Survey of Calculus (3)
- ED 364. Teaching Science in the Secondary School (2)

12 credits in chemistry must be taken at NNU, including CM 497 and CM 498

* A maximum of six credits in CM 497 will be allowed toward the major

Chemistry Second Teaching Field Emphasis

Requirements: 23 credits in chemistry

- CM 221. General Chemistry I (3); and,
CM 221L. General Chemistry I Laboratory (1)
- CM 222. General Chemistry II (3); and,
CM 222L. General Chemistry II Laboratory (1)
- CM 261. Analytical Chemistry (3); and,
CM 261L. Analytical Chemistry Laboratory (1)
- CM 321. Organic Chemistry I (3); and,
CM 321L. Organic Chemistry I Laboratory (1)
- CM 322. Organic Chemistry II (3); and,
CM 322L. Organic Chemistry II Laboratory (1)
- CM 351. Thermodynamics and Kinetics (3)
- CM 362. Integrated Laboratory I (1)
- ED 364. Teaching Science in the Secondary School (2)

Computer Science Second Teaching Field Emphasis

Requirements: 21 credits

- CS 122. Introduction to Computer Science (3)
- CS 202. Network Fundamentals (2)
- CS 204. Web Development (2)

CS 222. Computer Programming in C++ (3); and,
 CS 222L. Computer Programming in C++ Laboratory (1)
 CS 226. Event-Driven Programming (3); and,
 CS 226L. Event-Driven Programming Laboratory (1)
 CS 275. Data Structures (3)
 MA 231. Discrete Mathematics (3)

English Teaching Area Emphasis

Requirements: 47 credits of which 26 shall be above 299

EN 261. Introduction to Journalism (3); or,
 CO 260. Introduction to Performance (3)
 EN 298. Introduction to the Study of Literature (1)
 EN 312. Linguistics: Structure and History of English (3)
 EN 332. Shakespeare (3)
 EN 341. Greek and Roman Classics (3)
 EN 351. Twentieth Century Poetry (3); or,
 EN 352. Twentieth Century Drama (3)
 EN 379. Teaching Language Arts and Writing Process in the Secondary School (3)
 EN 391. Literary Criticism (3)
 EN 475. Literature for the Secondary School (3)
 EN 498A. Senior Seminar in English (1)

Two courses selected from:

EN 302. Principles of Writing (3)
 EN 304. Creative Writing - Prose (3)
 EN 305. Creative Writing - Poetry (3)

Two courses selected from:

EN 221. American Literature: Colonial Period to the Civil War (3)
 EN 222. American Literature: Civil War to the Present (3)
 EN 321. Major Authors in American Literature (3)
 EN 325. The American Novel (3)
 EN 427. Minority Voices in American Literature (3)

One course selected from:

EN 231. British Literature: Beowulf through the Age of Reason (3)
 EN 232. British Literature: The Romantic Age to the Present (3)
 EN 335. The British Novel (3)
 EN 435. British Poetry Before 1700 (3)

One course selected from:

EN 242. World Literature: The Ancient World to the Renaissance (3)
 EN 243. World Literature: The Enlightenment to the Modern Era (3)
 EN 342. Foreign Literature in Translation (3)

One English course (3)

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

English First Teaching Field Emphasis

Requirements: 31-32 credits of which 20 shall be above 299

EN 298. Introduction to the Study of Literature (1)

EN 312. Linguistics: Structure and History of English (3); or,

EN 212. English Grammar and Usage (2)

EN 332. Shakespeare (3)

EN 351. Twentieth Century Poetry (3); or,

EN 352. Twentieth Century Drama (3)

EN 379. Teaching Language Arts and Writing Process in the Secondary School (3)

EN 475. Literature for the Secondary School (3)

EN 498A. Senior Seminar in English (1)

Two courses selected from:

EN 302. Principles of Writing (3)

EN 304. Creative Writing - Prose (3)

EN 305. Creative Writing - Poetry (3)

One course selected from:

EN 221. American Literature: Colonial Period to the Civil War (3)

EN 222. American Literature: Civil War to the Present (3)

EN 325. The American Novel (3)

One course selected from:

EN 231. British Literature: Beowulf through the Age of Reason (3)

EN 232. British Literature: The Romantic Age to the Present (3)

EN 335. The British Novel (3)

EN 435. British Poetry Before 1700 (3)

One course selected from:

EN 242. World Literature: The Ancient World to the Renaissance (3)

EN 243. World Literature: The Enlightenment to the Modern Era (3)

EN 341. Greek and Roman Classics (3)

EN 342. Foreign Literature in Translation (3)

Recommended:

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

EN 261. Introduction to Journalism (3); or,

CO 260. Introduction to Performance (3)

English Second Teaching Field Emphasis

Requirements: 24 credits of which 9 shall be above 299

EN 212. English Grammar and Usage (2); and;

One credit selected in consultation with advisor (1); or,

EN 312. Linguistics: Structure and History of English (3)

EN 379. Teaching Language Arts and Writing Process in the Secondary School (3)

Two courses selected from:

EN 302. Principles of Writing (3)

EN 304. Creative Writing - Prose (3)

EN 305. Creative Writing - Poetry (3)

One course selected from:

EN 221. American Literature: Colonial Period to the Civil War (3)

EN 222. American Literature: Civil War to the Present (3)

EN 321. Major Authors in American Literature (3)

EN 325. The American Novel (3)

Two courses selected from:

EN 231. British Literature: Beowulf through the Age of Reason (3)

EN 232. British Literature: The Romantic Age to the Present (3)

EN 331. Major Authors in British Literature (3)

EN 332. Shakespeare (3)

EN 335. The British Novel (3)

EN 434. Major Romantics and Victorians (3)

One course selected from:

EN 242. World Literature: The Ancient World to the Renaissance (3)

EN 243. World Literature: The Enlightenment to the Modern Era (3)

EN 341. Greek and Roman Classics (3)

Health Second Teaching Field Emphasis

Requirements: 20 credits

KI 243. Health Issues in Today's Society (3)

KI 273. Nutrition Across the Lifespan (2)

KI 296. Field Experience in Kinesiology (1)

ED/KI 335. Teaching Health in the Secondary Schools (2)

KI 456. Administration and Supervision of HPER (3)

SO 334. Sociology of the Family (3)

One course from the following:

BI 201. Human Anatomy and Physiology I (3); and,

BI 201L. Human Anatomy and Physiology I Laboratory (1)

BI 203. Human Anatomy and Physiology II (3); and,

BI 203L. Human Anatomy and Physiology II Laboratory (1)

One course selected from the following:

PY 125. Psychology for Life (2)

PY 336. Child Psychology (2)

PY 345. Abnormal Psychology (3)

PY 366. Adolescent Psychology (2)

History First Teaching Field Emphasis

Requirements: 35 credits of which 20 shall be numbered above 299

HS 103. The World and the West I (3)

HS 104. The World and the West II (3)

HS 203. Conflict and Consensus: American History to 1877 (3)

HS 204. Conflict and Consensus: American History from 1877 (3)

HS 339. Recent America (3)

PS 101. American National Politics (3)

ED 358. Teaching Social Studies in the Secondary School (2)

Fifteen credits in history numbered above 299 (15)

History Second Teaching Field Emphasis

Requirements: 23 credits of which 14 credits shall be numbered above 299

HS 203. Conflict and Consensus: American History to 1877 (3)

HS 204. Conflict and Consensus: American History from 1877 (3)
 HS 339. Recent America (3)
 PS 101. American National Politics (3)
 ED 358. Teaching Social Studies in the Secondary School (2)
 Nine credits in history numbered above 299 (9)

Kinesiology Teaching Area Emphasis

Requirements: 45 credits

KI 100. Fundamentals of Wellness (1)
 KI 131. Introduction to Recreation and Kinesiology (3)
 KI 124. Life Guarding (1) or current certification

One course selected from the following:

KI 241. Introduction to Athletic Training and Physical Therapy with Laboratory (3)
 KI 243. Health Issues in Today's Society (3)
 KI 273. Nutrition Across the Lifespan (2)

KI 264. Kinesiology Majors Activity Laboratory (1) (6 required)
 KI 296. Field Experience in Kinesiology (1)
 ED/KI 335. Teaching Health in the Secondary Schools (2)
 ED/KI 336. Teaching Physical Education in the Secondary Schools (2)
 ED/KI 338. Teaching Physical Education in the Elementary Schools (2)
 KI 356. Psychology and Techniques of Coaching (3)
 KI 360. Motor Development and Motor Learning (2)
 KI 363. Corrective and Adaptive Physical Education (2)
 KI 364. Physiology of Exercise and Biomechanics (3)
 KI 452. Tests and Measurements in Physical Education (3)
 KI 456. Administration and Supervision of HPER (3)
 BI 201. Human Anatomy and Physiology I (3); and,
 BI 201L. Human Anatomy and Physiology I Laboratory (1)
 BI 203. Human Anatomy and Physiology II (3); and,
 BI 203L. Human Anatomy and Physiology II Laboratory (1)

All Kinesiology-Education majors must present evidence of successful completion of a First Aid/CPR course (American Red Cross preferred) to the Kinesiology Chair prior to graduation.

All Kinesiology majors are required to pass fitness component tests as set forth by the Kinesiology Department prior to graduation.

Kinesiology First Teaching Field Emphasis

Requirements: 43 credits

KI 124. Life Guarding (1) or current certification
 KI 131. Introduction to Recreation and Kinesiology (3)

One course selected from the following:

KI 241. Introduction to Athletic Training and Physical Therapy with Laboratory (3)
 KI 243. Health Issues in Today's Society (3)
 KI 273. Nutrition Across the Lifespan (2)

KI 264. Kinesiology Majors Activity Laboratory (1) (6 required)
 KI 296. Field Experience in Kinesiology (1)
 ED/KI 335. Teaching Health in the Secondary Schools (2)
 ED/KI 336. Teaching Physical Education in the Secondary Schools (2)
 ED/KI 338. Teaching Physical Education in the Elementary Schools (2)

KI 356. Psychology and Techniques of Coaching (3)
 KI 360. Motor Development and Motor Learning (2)
 KI 363. Corrective and Adaptive Physical Education (2)
 KI 364. Physiology of Exercise and Biomechanics (3)
 KI 452. Tests and Measurements in Physical Education (3)
 KI 456. Administration and Supervision of HPER (3)
 BI 201. Human Anatomy and Physiology I (3); and,

BI 201L. Human Anatomy and Physiology I Laboratory (1)

BI 203. Human Anatomy and Physiology II (3); and,

BI 203L. Human Anatomy and Physiology II Laboratory (1)

All Kinesiology-Education majors must present evidence of successful completion of a First Aid/CPR course (American Red Cross preferred) to the Kinesiology Chair prior to graduation.

All Kinesiology majors are required to pass fitness component tests as set forth by the Kinesiology Department prior to graduation.

Kinesiology Second Teaching Field Emphasis

Requirements: 27 credits

KI 241. Introduction to Athletic Training and Physical Therapy with Laboratory (3)
 KI 243. Health Issues in Today's Society (3)
 KI 264. Kinesiology Majors Activity Laboratory (1) (4 required)
 ED/KI 336. Teaching Physical Education in the Secondary Schools (2)
 KI 338. Teaching Physical Education in the Elementary Schools (2)
 KI 356. Psychology and Techniques of Coaching (3)
 KI 360. Motor Development and Motor Learning (2)
 KI 363. Corrective and Adaptive Physical Education (2)
 KI 364. Physiology of Exercise and Biomechanics (3)
 KI 452. Tests and Measurements in Physical Education (3)

All Kinesiology-Education majors must present evidence of successful completion of a First Aid/CPR course (American Red Cross preferred) to the Kinesiology Chair prior to graduation.

All Kinesiology majors are required to pass fitness component tests as set forth by the Kinesiology Department prior to graduation.

Recommended:

BI 201. Human Anatomy and Physiology I (3); and,
 BI 201L. Human Anatomy and Physiology I Laboratory (1)
 BI 203. Human Anatomy and Physiology II (3); and,
 BI 201L. Human Anatomy and Physiology I Laboratory (1)

Mathematics Teaching Area Emphasis

Requirements: 45 in mathematics (including CS 122) of which 23 shall be numbered above 299; 4 credits in physics

MA 224. Elementary Statistics (3)
 MA 231. Discrete Mathematics (3)
 MA 251. Calculus I (4) *
 MA 252. Calculus II (4) *
 MA 301. Teaching Mathematics in the Secondary School (2)
 MA 310. History of Mathematics (1)
 MA 328. Modeling and Operations Research (3)
 MA 331. Introduction to Abstract Mathematics (3)

MA 332. Linear Algebra (3)
 MA 341. Modern Geometry (3)
 MA 432. Modern Algebra (4)
 MA 451. Introduction to Real Analysis (4)
 Five mathematics elective credits (5)
 PH 111. College Physics I (3); and,
 PH 111L. College Physics I Laboratory (1); or,
 PH 211. Physics for Science and Engineering I (3); and,
 PH 211L. Physics for Science and Engineering I Laboratory (1)
 CS 122. Introduction to Computer Science (3)

*For a student with a superior high school background, MA 251 and/or MA 252 may be waived.

Mathematics First Teaching Field Emphasis

Requirements: 33 in mathematics (including CS 122) of which 15 shall be numbered above 299.

MA 224. Elementary Statistics (3)
 MA 231. Discrete Mathematics (3)
 MA 251. Calculus I (4) *
 MA 252. Calculus II (4) *
 MA 301. Teaching Mathematics in the Secondary School (2)
 MA 310. History of Mathematics (1)
 MA 328. Modeling and Operations Research (3); or,
 MA 332. Linear Algebra (3)
 MA 331. Introduction to Abstract Mathematics (3)
 MA 341. Modern Geometry (3)
 MA 432. Modern Algebra (4)
 CS 122. Introduction to Computer Science (3)

*For a student with a superior high school background, MA 251 and/or MA 252 may be waived.

Mathematics Second Teaching Field Emphasis

Requirements: 28 credits in mathematics

MA 201. Fundamental Mathematical Structures I (3)
 MA 224. Elementary Statistics (3)
 MA 231. Discrete Mathematics (3)
 MA 251. Calculus I (4)
 MA 252. Calculus II (4)
 MA 301. Teaching Mathematics in the Secondary School (2)
 MA 341. Modern Geometry (3)
 Three mathematics elective credits (3)

One course selected from the following:

MA 202. Fundamental Mathematical Structures II (3)
 MA 328. Modeling and Operations Research (3)
 MA 331. Introduction to Abstract Mathematics (3)

Music Teaching Area Emphasis

Requirements: 47 credits in music; 8 credits in applied lessons

MU 120. Beginning Music Theory I (3)

MU 121. Beginning Music Theory Laboratory I (1)
 MU 122. Beginning Music Theory II (3)
 MU 123. Beginning Music Theory Laboratory II (1)
 MU 131. Digital Music and Technology (3)
 MU 220. Intermediate Music Theory I (3)
 MU 221. Intermediate Music Theory Laboratory I (1)
 MU 222. Intermediate Music Theory II (3)
 MU 223. Intermediate Music Theory Lab II (1)
 MU 224. Improvisation (3)
 MU 235B. Brass (1)
 MU 235P. Percussion (1)
 MU 235S. Strings (1)
 MU 235W. Woodwinds (1)
 MU 321. Orchestration (3)
 MU 326. Music History: Medieval, Renaissance and Baroque (3)
 MU 327. Music History: Classic, Romantic and Modern (3)
 MU 345. Teaching Music in the Elementary School I (2)
 MU 346. Teaching Music in the Elementary School II (2)
 MU 347. Teaching Music in the Secondary School I (2)
 MU 348. Teaching Music in the Secondary School II (2)
 MU 362. Choral Conducting, Methods, and Materials (3)
 MU 363. Instrumental Conducting Methods, and Materials (3)
 MU 410. Forms and Analysis (3)

Eight credits in applied lessons (8)

Participation in ensembles (may be taken for credit)

Half-recital in the senior year

An acceptable level of music keyboard proficiency shall be determined by examination before enrolling for student teaching. Students may acquire needed skills by taking available piano courses.

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. 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 Music Department office.

Note: Most students require more than 8 semesters to complete this program.

Music Second Teaching Field

Requirements: 26 credits

MU 120. Beginning Music Theory I (3)
 MU 121. Beginning Music Theory Laboratory I (1)
 MU 122. Beginning Music Theory II (3)
 MU 123. Beginning Music Theory Laboratory II (1)
 MU 131. Digital Music and Technology (3)
 MU 345. Teaching Music in the Elementary School I (2)
 MU 346. Teaching Music in the Elementary School II (2)
 MU 347. Teaching Music in the Secondary School I (2)
 MU 348. Teaching Music in the Secondary School II (2)

MU 360. Choral Conducting (2)

Two credits in a performance medium, instrument, or voice (2)

Three credits numbered above 299 selected in consultation with major advisor (3)

Physics Second Teaching Field

Requirements: 36 credits including 20 in physics; 14 credits in math

ED 364. Teaching Science in the Secondary School (2)

PH 211. Physics for Science and Engineering I (3); and,

PH 211L. Physics for Science and Engineering I Laboratory (1)

PH 212. Physics for Science and Engineering II (3); and,

PH 212L. Physics for Science and Engineering II Laboratory (1)

PH 231. Instrumentation in Experimental Physics I (1)

PH 232. Instrumentation in Experimental Physics II (1)

PH 313. Modern Physics (3); and,

PH 313L. Modern Physics Laboratory (1)

Two courses selected from the following:

PH 341. Analytic Mechanics (3) *

PH 342. Vibrations and Waves (3)

PH 351. Thermodynamics and Statistical Mechanics (3)

PH 461. Electricity and Magnetism (3) *

PH 472. Solid State Physics (3)

PH 481. Fundamentals of Quantum Mechanics (3)

The following math courses are required as they are pre/co-requisites to all the above physics courses:

MA 251. Calculus I (4)

MA 252. Calculus II (4)

MA 353. Vector Calculus (3)

MA 354. Differential Equations (3)

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

Psychology Second Teaching Field

Requirements: 21 credits in psychology of which 11 shall be numbered above 299

Social Science Teaching Area Emphasis

Requirements: 47 credits

HS 103. The World and the West I (3)

HS 104. The World and the West II (3)

HS 203. Conflict and Consensus: American History to 1877 (3)

HS 204. Conflict and Consensus: American History from 1877 (3)

HS 339. Recent America (3)

GE 105. Introduction to Geography (3)

EC 241. Microeconomic Analysis (3)

EC 242. Macroeconomic Analysis (3)

ED 358. Teaching Social Studies in the Secondary School (2)

PS 101. American National Politics (3)

PS 103. The Foundations of Politics: The Quest for Peace and Justice (3); or,

PS 341. American Political Thought and Ideology (3)

PS 442. Civil Rights and Civil Liberties (3)

SO 155. Introduction to Sociology (3)

Nine credits in social science numbered above 299 of which 6 are History (9)

Social Science Second Teaching Field Emphasis

Requirements: First teaching field in history; 21 credits (of which 3 shall be numbered above 299) including at least 3 credits from each of the following areas:

Economics, Geography, Sociology, and Political Science.

Spanish First Teaching Field Emphasis

Requirements: 30 credits of which 20 shall be numbered above 299

SP 201. Intermediate Spanish (4)

SP 202. Intermediate Spanish (4)

SP 301. Advanced Conversation and Composition (3); or,

SP 322. Spanish for Business (3)

SP 342. Introduction to Spanish Linguistics (3)

One course selected from Spanish or Hispanoamerican civilization:

SP 331. Hispanic Civilization (3) (may be repeated); or,

SP 394. Topics in Hispanic Culture, Literature or Linguistics (3) (may be repeated) (cultural topic)

One course selected from Spanish or Hispanoamerican literature:

SP 351. Survey of Hispanic Literature (3) (may be repeated); or,

SP 394. Topics in Hispanic Culture, Literature or Linguistics (3) (may be repeated) (literature topic)

SP 363. Teaching Foreign Language in the Secondary School (2)

Eight credits in Spanish numbered above 299 (8)

Additionally, Spanish Education majors are required to do the following:

1. Cultural immersion experience
2. Maintain a journal of cultural observations and resources related to their cultural immersion experience
3. Maintain a portfolio of 3 major papers representing the areas of linguistics, civilization, and literature
4. Demonstrate oral proficiency (ACTFL advanced level or better on a modified oral proficiency examination)

Cultural Immersion Experience: Students who have not lived in a cultural setting where Spanish is the primary language are required to study, travel, or work in such a setting for an extended period of time. Examples of acceptable experiences are a college-level summer school session, or academic-year program in a school such as the Universidad Internacional in Cuernavaca, Mexico, or the Latin American Studies Program in San Jose, Costa Rica. Approved Off-Campus (OC prefix) courses or approved transfer courses from travel-study programs may be substituted for courses listed in the categories above. Prior approval of a travel-study program must be obtained from the chair of the department.

Spanish Second Teaching Field Emphasis

Requirements: 22 credits of which 12 shall be numbered above 299

SP 201. Intermediate Spanish (4)

SP 202. Intermediate Spanish (4)

SP 363. Teaching Foreign Language in the Secondary School (2)

12 credits in Spanish numbered above 299 representing two of the following areas: (12)

Culture (including history and civilization)

Linguistics

Literature

Department Of Social Work

Faculty: Mary Curran (Department Chair and Director of the MSW program), Ezekiel Ette, LeAnn Stensgaard (Director of the B.A. program), Lawanna Lancaster (Field Coordinator for the MSW program), Mamie Oliver, Patrece Meza, Al Sanchez, Scott Slater (Title IV-E Partner), Terri Theriot

Learning Objectives:

1. Academic Excellence: NNU social work graduates will demonstrate understanding and appreciation of the liberal arts, expertise in generalist social work practice, and a commitment to the ethical principles and value base of their profession.
2. Creative Engagement: NNU social work graduates will be encouraged to apply their natural gifts and acquired professional knowledge and skills to respond both critically and creatively to their home, work and community environments.
3. Christlike Character: NNU social work graduates will grow towards Christlikeness: demonstrating ethical behavior, showing love and respect for others, offering grace as they have received it, seeking to overcome oppression in all forms, and representing Christ to the world.
4. Social Responsiveness: NNU social work graduates will be faithful stewards of their knowledge, skills and resources, and be agents of social justice and divine mercy. Compassionately they will show love for members of all faiths and cultures.

Mission of the Department: The primary program purpose is to prepare students for beginning practice in the profession of social work.

Admission to Methods Courses: To qualify for entrance into upper division courses applicable for completion of a degree within the Department of Social Work, students must complete the following requirements for acceptance to take methods courses:

1. Be officially admitted to Northwest Nazarene University
2. Have a minimum cumulative grade point average of 2.00
3. Declare a major in Social Work
4. Complete SW 172, SW 211, and SW 296 or SW 297
5. Be enrolled in or have taken SW 285
6. Make application to take methods courses
7. Be interviewed by the Social Work faculty
8. Be accepted by the Social Work faculty to take methods courses

The student will be placed on probationary status if a minimum cumulative grade point average of 2.00 is not maintained.

Majors

Bachelor of Arts, Social Work

Minors

Social Welfare

Bachelor of Arts, Social Work

Administrators: Chair, Department of Social Work

Accreditation: This baccalaureate level social work program is accredited by the Council on Social Work Education.

Requirements: 60-63 credits including 42 in social work

Core Requirements:

- SW 172. Social Welfare in Contemporary Society (3)
- SW 211. Introduction to Social Work (3)
- SW 285a. Human Behavior and the Social Environment I (2)
- SW 285b. Human Behavior and the Social Environment II (2)
- SW 296. Field Experience in Social Work (1-4); or,
- SW 297. Urban Field Experience (1)
- SW 325. Substance Abuse, Prevention, and Intervention (3); or,

SW 335. Child Welfare Services (3); or,

SW 345. Gerontology and Geriatric Social Work (3)

SW 355a. Social Work Methods I (2)

SW 355b. Social Work Methods II (2)

SW 356a. Social Work Methods III (2)

SW 356b. Social Work Methods IV (2)

SW 359a. Skills Practicum (1)

SW 359b. Skills Practicum (1)

SW 375. Social Welfare Policy (3)

SW 397a. Social Work Research and Statistics I (2)

SW 397b. Social Work Research and Statistics II (2)

SW 494. Topics in Social Work (1)

SW 496a. Advanced Practicum in Social Work (4)

SW 496b. Advanced Practicum in Social Work (4)

SW 498a. Senior Field Seminar (1)

SW 498b. Senior Field Seminar (1)

PY 345. Abnormal Psychology (3)

Foundation Courses:

PY 155. Introduction to Psychology (3)

BI 106. Human Biology (3)

PS 103. The Foundations of Politics: The Quest for Peace and Justice (3); or,

EC 105. Analysis of Economic Issues (3)

SO 155. Introduction to Sociology (3); or,

SO 203. Cultural Anthropology I (2)

SO 318. Race, Class and Ethnicity (3); or,

EN 427. Minority Voices in American Literature (3)

A second year foreign language course (4)

Minor, Social Welfare

Requirements: 20/21 credits in social work of which 9 must be upper division

SW 172. Social Welfare in Contemporary Society (3)

SW 211. Introduction to Social Work (3)

SW 285a. Human Behavior and the Social Environment I (2)

SW 285b. Human Behavior and the Social Environment II (2)

SW 296. Field Experience in Social Work (1-4); or,

SW 297. Urban Field Experience (1)

Select three of the following courses:

SW 325. Substance Abuse, Prevention, and Intervention (3)

SW 335. Child Welfare Services (3)

SW 345. Gerontology and Geriatric Social Work (3)

SW 375. Social Welfare Policy (3)

SW 397a. Social Work Research and Statistics I (2); and;

SW 397b. Social Work Research and Statistics II (2)

School Of Health And Science

Dean of the School of Health and Science: Dan Nogales

The School of Health and Science provides programs related to the sciences, mathematics, and health. Several of these programs lead directly to careers or professions, while others provide undergraduate preparation that may lead to additional study at the graduate or professional school level.

The seven departments in this school are: Biology, Chemistry, Kinesiology, Mathematics and Computer Science, Military Science, Nursing, and Physics. Majors and programs available in the school are:

Pre-Engineering and Collaborative Engineering Programs

Three-Two Program

Four-Year Bachelor of Science Program

Two-Year and Freshman Programs

Pre-Professional Programs

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

Pre-Dental Hygiene

Pre-Pharmacy

Department of Biology

Majors

Bachelor of Science, Biology

Ecology/Biodiversity Emphasis

Pre-Medical Emphasis

Bachelor of Science, Pre-Physical Therapy

Bachelor of Arts, Biology

Biology Education

See Secondary Education: Biology Teaching Area, Biology First Teaching Field, Biology Second Teaching Field

Minors

Minor, Environmental Science

Department of Chemistry

Majors

Bachelor of Science, Chemistry

Chemistry Emphasis

Biochemistry Emphasis

Environmental Chemistry Emphasis

Bachelor of Arts, Chemistry

Chemistry Education

See Secondary Education: Chemistry Teaching Area, Chemistry First Teaching Field, Chemistry Second Teaching Field

Department of Kinesiology

Majors

Bachelor of Arts, Recreation and Sport Management

Athletic Training Emphasis

Kinesiology/Coaching Emphasis

Sport Management Emphasis

Outdoor Recreation Emphasis

Kinesiology Education

See Secondary Education: Kinesiology Teaching Area, Kinesiology First Teaching Field,
Kinesiology Second Teaching Field

Department of Mathematics and Computer Science

Majors

Bachelor of Science, Computer Science

Bachelor of Science, Mathematics

Bachelor of Arts, Computer Science

Bachelor of Arts, Mathematics

Computer Science Education

See Secondary Education: Computer Science Second Teaching Field

Mathematics Education

See Secondary Education: Mathematics Teaching Area, Mathematics First Teaching Field,
Mathematics Second Teaching Field

Minors

Computer Science

Mathematics

Department of Military Science

Minors

Military Science

Department of Nursing

Majors

Bachelor of Science, Nursing

Department of Physics

Majors

Bachelor of Science, Engineering Physics

Bachelor of Science, Physics

Bachelor of Arts, Physics

Physics Education

See Secondary Education: Physics Second Teaching Field

Minors

Physics

Pre-Engineering and Collaborative Engineering Programs

Pre-engineering programs are available in most fields of engineering including chemical, electrical, mechanical, civil, and aerospace. Students may choose one of three programs: (1) a three-two program; (2) a four year bachelor of science program in chemistry or engineering physics; or (3) two year or freshman year program.

The pre-engineering program is designed for those students planning to enroll as juniors at the University of Idaho, Walla Walla College, or Seattle Pacific University in engineering.

All the courses taken at NNU will transfer to most engineering colleges. NNU offers enough credits to complete the first two years of most engineering programs so that it is possible, with careful planning, to complete a degree in engineering two years after transferring.

The study of engineering requires a high degree of aptitude in mathematics and the physical sciences. A student interested in this field will benefit from a strong background of high school mathematics and courses in physics and chemistry.

Three-Two Program

Four-Year Bachelor of Science Program

Two-Year and Freshman Programs

Three-Two Program

Students may earn a Bachelor of Science degree in Applied Science from NNU and an engineering degree from a recognized college of engineering by: (1), spending three years in residence at NNU, (2) completing all NNU requirements for the bachelor of science degree except those referring to the major, total credits, and total credits numbered above 299, and (3) successfully completing a program leading to a bachelor's degree at a college of engineering. Careful planning in choosing courses is required in order to complete both degrees after two years at the engineering school.

General degree requirements for NNU and basic requirements for an engineering school are normally fulfilled according to the following schedule:

Freshman year

- BL 111. Introduction to Biblical Studies (3)
- CM 221. General Chemistry I (3); and,
 - CM 221L. General Chemistry I Laboratory (1)
- CM 222. General Chemistry II (3); and,
 - CM 222L. General Chemistry II Laboratory (1)
- EG 105. Engineering Graphics and Design (3)
- EG 210. Engineering Statics (3)
- EN 102. English Composition (3)
- MA 251. Calculus I (4)
- MA 252. Calculus II (4)
- MA 353. Vector Calculus (3)
- KI 100. Fundamentals of Wellness (1)
- Social Science Requirement Elective (4)

Sophomore year

- CS 122. Introduction to Computer Science (3)
- CS 222. Computer Programming in C++ (3); and,
 - CS 222L. Computer Programming in C++ Laboratory (1)
- EC 241. Microeconomic Analysis (3); or,
 - EC 242. Macroeconomic Analysis (3)
- EN 202. Research Writing and Critical Thinking (3)
- MA 354. Differential Equations (3)
- PH 211. Physics for Science and Engineering I (3); and,
 - PH 211L. Physics for Science and Engineering I Laboratory (1)
- PH 212. Physics for Science and Engineering II (3); and,
 - PH 212L. Physics for Science and Engineering II Laboratory (1)
- TH 211. Introduction to Christian Theology (3)
- Humanities Requirement Electives (12)
- Kinesiology activity (1)

Junior year

- CO 121. Introduction to Public Speaking (2)
- EG 343. Mechanics of Materials (3)
- PH 341. Analytic Mechanics (3)
- Humanities Requirement Electives (12)
- Social Science Requirement Electives (12)
- Kinesiology activities (2)
- Courses in field of engineering the student plans to pursue.

Chemical Engineering

- CM 321. Organic Chemistry I (3); and,
 CM 321L. Organic Chemistry I Laboratory (1)
 CM 322. Organic Chemistry II (3); and,
 CM 322L. Organic Chemistry II Laboratory (1)
 CM 351. Thermodynamics and Kinetics (3)

Electrical Engineering

- EG 362. Analog Electronics (3); and,
 EG 362L. Analog Electronics Laboratory (1)
 EG 363. Digital Electronics (3); and,
 EG 363L. Digital Electronics Laboratory (1)
 MA 356. Numerical Analysis (3)
 PH 461. Electricity and Magnetism (3)

Mechanical and Aerospace Engineering

- EG 363. Digital Electronics (3); and,
 EG 363L. Digital Electronics Laboratory (1)
 MA 356. Numerical Analysis (3)
 PH 351. Thermodynamics and Statistical Mechanics (3)

Civil and Environmental Engineering

- EG 362. Analog Electronics (3); and,
 EG 362L. Analog Electronics Laboratory (1)
 PH 351. Thermodynamics and Statistical Mechanics (3)

Four-Year Bachelor of Science Program, Engineering Physics

The Engineering Physics curriculum is designed with a twofold purpose: to prepare students to enter professional engineering practice and to adequately prepare students for graduate studies in various engineering fields. The fundamental objective of this program is to provide students with a general engineering background of the highest possible caliber, enabling them to adjust to the rapid changes of our technological society and yet technical enough to allow students to enter professional practice directly. The curriculum includes course work in Physics, Mathematics, Computer Science, Electronics and Engineering.

Two-Year and Freshman-Year Programs

Northwest Nazarene University provides most of the courses necessary to complete the first two years of engineering school. Students may elect to transfer to an engineering school at the end of the freshman year or after two years at NNU. The student should select courses from the following list:

- CM 221. General Chemistry I (3); and,
 CM 221L. General Chemistry I Laboratory (1)
 CM 222. General Chemistry II (3); and,
 CM 222L. General Chemistry II Laboratory (1)
 EG 105. Engineering Graphics and Design (3)
 EN 102. English Composition (3)
 MA 251. Calculus I (4)
 MA 252. Calculus II (4)
 MA 353. Vector Calculus (3)
 MA 354. Differential Equations (3)
 PH 211. Physics for Science and Engineering I (3); and,
 PH 211L. Physics for Science and Engineering I Laboratory (1)
 PH 212. Physics for Science and Engineering II (3); and,
 PH 212L. Physics for Science and Engineering II Laboratory (1)

Pre-Professional Programs

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

Pre-Dental Hygiene

Pre-Pharmacy

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

The student is advised to prepare by taking at least two high school courses in laboratory science and three years of high school mathematics.

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

The students need not major in the sciences, provided they assure themselves, in consultation with the pre-professional advisor, that admission requirements are met.

The majority of professional schools require the following courses:

- BI 222. General Biology I (3); and,
BI 222L. General Biology I Laboratory (1)
- BI 223. General Biology II (3); and,
BI 223L. General Biology II Laboratory (1)
- CM 221. General Chemistry I (3); and,
CM 221L. General Chemistry I Laboratory (1)
- CM 222. General Chemistry II (3); and,
CM 222L. General Chemistry II Laboratory (1)
- CM 321. Organic Chemistry I (3); and,
CM 321L. Organic Chemistry I Laboratory (1)
- CM 322. Organic Chemistry II (3); and,
CM 322L. Organic Chemistry II Laboratory (1)
- EN 102. English Composition (3)
- MA 151. Survey of Calculus (3); or,
MA 251. Calculus I (4)
- PH 111. College Physics I (3); and,
PH 111L. College Physics I Laboratory (1)
- PH 112. College Physics II (3); and,
PH 112L. College Physics II Laboratory (1); or,
PH 211. Physics for Science and Engineering I (3); and,
PH 211L. Physics for Science and Engineering I Laboratory (1); and,
PH 212. Physics for Science and Engineering II (3); and,
PH 212L. Physics for Science and Engineering II Laboratory (1)

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

Pre-Dental Hygiene

Students interested in a career in the profession of dental hygiene can pursue the following curriculum at NNU for two years and then apply to a college or university that offers a Baccalaureate degree in Dental Hygiene. The following suggested schedule is

designed for those students planning on enrolling as juniors at Idaho State University (ISU) in its dental hygiene program. Students wishing to transfer to another dental hygiene school should pattern their curriculum to the prerequisites of that specific school. However, the admission requirements for most dental hygiene schools are similar to those of ISU. An Introduction to Dental Hygiene course is required by ISU and can be taken as a correspondence course.

Suggested courses:

- BI 201. Human Anatomy and Physiology I (3); and,
BI 201L. Human Anatomy and Physiology I Laboratory (1)
- BI 203. Human Anatomy and Physiology II (3); and,
BI 203L. Human Anatomy and Physiology II Laboratory (1)
- BI 222. General Biology I (3); and
BI 222L. General Biology I Laboratory (1)
- BI 342. General Microbiology (3); and
BI 342L. General Microbiology Laboratory (1)
- CM 121. Principles of Organic and Biochemistry (3); and,
CM 121L. Principles of Organic and Biochemistry Laboratory (1)
- CM 221. General Chemistry I (3); and,
CM 221L. General Chemistry I Laboratory (1)
- CO 121. Introduction to Public Speaking (2)
- EN 102. English Composition (3)
- EN 202. Research Writing and Critical Thinking (3)
- KI 273. Nutrition Across the Lifespan (2)
- MA 130. College Algebra (3)
- MA 224. Elementary Statistics (3)
- SO 155. Introduction to Sociology (3)
- PY 155. Introduction to Psychology (3)
- PY 210. Lifespan Development (3)
- Two humanities elective courses (4-8)

Pre-Pharmacy

Students interested in a career in pharmacy can pursue their career by completing the following program recommended by Idaho State University (ISU) and then applying to their Doctor of Pharmacy (commonly called Pharm. D.) program. The complete program requires six years.

Students wishing to consider other pharmacy programs should request pre-pharmacy program requirements from the school of interest and design their academic program to meet those specific requirements. However, admission requirements for most pharmacy programs are similar.

- BI 222. General Biology I (3); and,
BI 222L. General Biology I Laboratory (1)
- BI 223. General Biology II (3); and,
BI 223L. General Biology II Laboratory (1)
- BI 342. General Microbiology (3); and,
BI 342L. General Microbiology Laboratory (1)
- BL 111. Introduction to Biblical Studies (3)
- CM 221. General Chemistry I (3); and,
CM 221L. General Chemistry I Laboratory (1)
- CM 222. General Chemistry II (3); and,
CM 222L. General Chemistry II Laboratory (1)

CM 321. Organic Chemistry I (3); and,
 CM 321L. Organic Chemistry I Laboratory (1)
 CM 322. Organic Chemistry II (3); and,
 CM 322L. Organic Chemistry II Laboratory (1)
 CO 121. Introduction to Public Speaking (2)
 EC 242. Macroeconomic Analysis (3)
 EN 102. English Composition (3)
 EN 202. Research Writing and Critical Thinking (3)
 MA 151. Survey of Calculus (3); or,
 MA 251. Calculus I (4)
 PH 211. Physics for Science and Engineering I (3); and,
 PH 211L. Physics for Science and Engineering I Laboratory (1); and,
 PH 212. Physics for Science and Engineering II (3); and,
 PH 212L. Physics for Science and Engineering II Laboratory (1); or,
 PH 111. College Physics I (3); and,
 PH 111L. College Physics I Laboratory (1); and,
 PH 112. College Physics II (3); and,
 PH 112L. College Physics II Laboratory (1)
 TH 211. Introduction to Christian Theology (3)
 Humanities (6)
 Social Science (9)

Council for Christian Colleges and Universities

Sponsored Programs

The coalition Semester Studies Program includes a Tropical and Global Sustainability track in Costa Rica as part of its Latin American Studies Program.

Affiliated Program

Au Sable Institute Of Environmental Studies

Northwest Nazarene University offers several courses that have an ecology/biodiversity emphasis and that include a field component. However, to increase the available opportunities for students interested in the environment and conservation, the university is affiliated with the Au Sable Institute. Students may take Au Sable courses and receive NNU credits that are counted as electives in the NNU biology and chemistry majors. The basic mission of the Au Sable Institute is to teach and promote responsible care and use of the Creation and its creatures. Students have an opportunity to take courses in a variety of settings including: the Great Lakes Forest in Michigan (Great Lakes), Whidbey Island in the Puget Sound (Pacific Rim), Florida and India. Students who complete an integrated program with Au Sable can receive one of several Institute Certificates: Naturalist, Land Resource Analyst, Water Resource Analyst, and Environmental Analyst from the state of Michigan. Tuition is the same as regular NNU tuition and students are responsible for books, fees, room and board (approximately \$185 per week in the U.S.) and travel. Each participating college is allotted financial aid for its students who attend. Interested students should visit the Au Sable website www.ausable.org and should contact the Department Chair of Biology.

Below are some of the listed courses regularly taught at Au Sable Institute of Environmental Studies (see Au Sable Bulletin for complete listing). Each course emphasizes Christian stewardship of natural resources as its integrative theme.

Alpine Ecology: Life in Context of Snow and Ice - Pacific Rim
 Birds and Mammals of South India - India
 Environmental Chemistry - Great Lakes
 Forest Ecology - Pacific Rim
 Marine Invertebrates - Pacific Rim
 Marine Mammals - Pacific Rim

Ornithology: Eastern Birds - Great Lakes
 Ornithology: Western Birds - Pacific Rim
 Plant Ecology - Pacific Coast
 Restoration Ecology - Great Lakes
 Tropical Mountain Ecology - India
 Wetland Ecology - Great Lakes
 Wildlife Ecology - Great Lakes
 Woody Plants - Great Lakes

Department of Biology

Faculty: John Cossel, Jr. (Department Chair), Jennifer Chase, Ronald Strohmeier, Jamee Nixon

Goals:

1. Graduates will demonstrate that they can think logically, analytically, and independently about the scientific principles that affect the world around them. Graduates will acquire a basic informational framework to make decisions related to such areas as nutrition, personal and family health, community policy, and national law. (Creative Engagement, Social Responsiveness, and Christlike Character)
2. Graduates will be able to collect and analyze scientific data and then integrate and prepare the data into professionally acceptable written and oral forms. Students will become comfortable in the utilization of modern technology to more effectively communicate. (Creative Engagement and Academic Excellence)
3. Graduates will develop a historical sense of man's scientific advancement through a better understanding of natural phenomena and then apply this knowledge through a variety of scientific endeavors to accurately understand, utilize, control and predict natural processes in a way that will allow the realization of a better quality of life. (Creative Engagement and Social Responsiveness)
4. Graduates will integrate scholarship, faith, and service by exposure to a community of scholars and develop long term personal, spiritual, professional, and social interactions that allow mutual expression of the Lord's redeeming grace. Students should then be better able to excel in their chosen discipline and be effective and compassionate members of their community. (Creative Engagement, Social Responsiveness, and Christlike Character)

Majors

Bachelor of Science, Biology

Ecology/Biodiversity Emphasis

Pre-Medical Emphasis

Bachelor of Science, Pre-Physical Therapy

Bachelor of Arts, Biology

Biology Education

See Secondary Education: Biology Teaching Area, Biology First Teaching Field, Biology Second Teaching Field

Minors

Minor, Environmental Science

Bachelor of Science, Biology

Academic Objective: To prepare students for graduate school in biological sciences.

Ecology/Biodiversity Emphasis

Pre-Medical Emphasis

Bachelor of Science, Biology, Ecology/Biodiversity Emphasis

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

Administrator: Chair, Department of Biology

Requirements: 59-60 credits, including 36 in biology

Core requirements:

BI 222. General Biology I (3); and,
 BI 222L. General Biology I Laboratory (1)
 BI 223. General Biology II (3); and,
 BI 223L. General Biology II Laboratory (1)
 BI 324. Plant and Animal Ecology (3)
 BI 372. Genetics (3); and,
 BI 372L. Genetics Laboratory (1)
 BI 374. Origins (3)
 BI 397. Research (1-3)
 * BI 498. Senior Seminar (1)
 CM 221. General Chemistry I (3); and,
 CM 221L. General Chemistry I Laboratory (1)
 CM 222. General Chemistry II (3); and,
 CM 222L. General Chemistry II Laboratory (1)
 CM 321. Organic Chemistry I (3); and,
 CM 321L. Organic Chemistry I Laboratory (1)
 PH 111. College Physics I (3); and,
 PH 111L. College Physics I Laboratory (1)
 PH 112. College Physics II (3); and,
 PH 112L. College Physics II Laboratory (1); or,
 PH 211. Physics for Science and Engineering I (3); and,
 PH 211L. Physics for Science and Engineering I Laboratory (1)
 PH 212. Physics for Science and Engineering II (3); and,
 PH 212L. Physics for Science and Engineering II Laboratory (1)

Ecology/Biodiversity Requirements

Quantitative Processes (choose 1):

MA 224. Elementary Statistics (3)
 MA 251. Calculus I (4)
 PY 364. Experimental Design and Statistical Analysis I (3); and,
 PY 364L. Experimental Design and Statistical Analysis Laboratory I (1)

Form and Function (choose 1):

BI 336. Vertebrate Comparative Anatomy (3); and,
 BI 336L. Vertebrate Comparative Anatomy Laboratory (1)
 BI 362. Vertebrate Physiology (3); and,
 BI 362L. Vertebrate Physiology Laboratory (1)

Ecology/Biodiversity (minimum of 12 credits from below)**

Animal Biology (choose 1):

BI 330. Vertebrate Zoology: Ectotherms (3); and,
 BI 330L. Vertebrate Zoology: Ectotherms Laboratory (1)
 BI 332. Vertebrate Zoology: Endotherms (3); and,
 BI 332L. Vertebrate Zoology: Endotherms Laboratory (1)

Or obtain NNU credit for the following Au Sable courses** (see Department Chair for additional information).

Marine Mammals (4) - Pacific Rim
 Marine Invertebrates (4) - Pacific Rim
 Birds and Mammals of South India (4) - India

Plant Biology (choose 1):

BI 316. Plant Taxonomy (3); and,

BI 316L. Plant Taxonomy Laboratory (1)

Or obtain NNU credit for the following Au Sable courses** (see Department Chair for additional information).

Woody Plants (4) - Great Lakes

Plant Ecology (4) - Pacific Rim

Forest Ecology (4) - Great Lakes and Pacific Rim

Ecology: Systems and Techniques (choose 1):

BI 424. Field Ecology (3); and,

BI 424L. Field Ecology Laboratory (1)

Or obtain NNU credit for the following Au Sable courses** (see Department Chair for additional information)

Wildlife Ecology (4) - Great Lakes

Alpine Ecology: Life in the Context of Snow and Ice (4) - Pacific Rim

Tropical Mountain Ecology (4) - India

Restoration Ecology (4) - Great Lakes

Wetland Ecology (4) - Great Lakes

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, Earth Science, additional math (see above), and Environmental Chemistry (AuS).

* BI 498 must be taken at Northwest Nazarene University

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

Bachelor of Science, Biology, Pre-Medical Emphasis

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

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

Administrator: Chair, Department of Biology.

Requirements: A total of at least 63 credits in science and math, including 29 in biology with the following required and selected elective courses.

Core Requirements:

BI 222. General Biology I (3); and,

BI 222L. General Biology I Laboratory (1)

BI 223. General Biology II (3); and,

BI 223L. General Biology II Laboratory (1)

BI 324. Plant and Animal Ecology (3)

BI 372. Genetics (3); and,

BI 372L. Genetics Laboratory (1)

BI 374. Origins (3)

BI 397. Research (1-3)

* BI 498. Senior Seminar (1)

CM 221. General Chemistry I (3); and,

CM 221L. General Chemistry I Laboratory (1)

CM 222. General Chemistry II (3); and,

CM 222L. General Chemistry II Laboratory (1)

CM 321. Organic Chemistry I (3); and,

CM 321L. Organic Chemistry I Laboratory (1)

PH 111. College Physics I (3); and,

PH 111L. College Physics I Laboratory (1)

PH 112. College Physics II (3); and,

PH 112L. College Physics II Laboratory (1); or,

PH 211. Physics for Science and Engineering I (3); and,

PH 211L. Physics for Science and Engineering I Laboratory (1)

PH 212. Physics for Science and Engineering II (3); and,

PH 212L. Physics for Science and Engineering II Laboratory (1)

Pre-Medical Requirements:

BI 441. Biochemistry I (3); and,

BI 441L. Biochemistry I Laboratory (1)

BI 442. Biochemistry II (3)

CM 322. Organic Chemistry II (3); and,

CM 322L. Organic Chemistry II Laboratory (1)

MA 251. Calculus I (4)

Choose a minimum of 9 credits from the following:

BI 336. Vertebrate Comparative Anatomy (3); and,

BI 336L. Vertebrate Comparative Anatomy Laboratory (1) **or**

May substitute the year long sequence {BI 201 & 201L and BI 203 & 203L}

BI 242. Microbiology (3); and,

BI 242L. Microbiology Laboratory (1)

BI 346. Cell Biology (3); and,

BI 346L. Cell Biology Laboratory (1)

BI 351. Studies in Histology (1)

BI 352. Developmental Biology (3); and,

BI 352L. Developmental Biology Laboratory (1)

BI 354. Immunology (3); and,

BI 354L. Immunology Laboratory (1)

BI 362. Vertebrate Physiology (3); and,

BI 362L. Vertebrate Physiology Laboratory (1)

BI 382. Pathophysiology (3)

Or obtain NNU credit for the following Au Sable course** (see Department Chair for additional information).

Environmental Medicine and Public Health (4) - Pacific Campus

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

BI 350. Bioethics (2)

BI 385. Biological Foundations of Behavior (3); and,

BI 385L. Biological Foundations of Behavior Laboratory (1)

PL 351. Philosophy of Science (2)

PY 345. Abnormal Psychology (3)

PY 364. Experimental Design and Statistical Analysis I (3); and,

PY 364L. Experimental Design and Statistical Analysis Laboratory I (1)

* BI 498 must be taken at Northwest Nazarene University

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

Bachelor of Science, Pre-Physical Therapy

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

Administrators:

Physical Therapy Emphasis: Chair, Biology Department

Athletic Training Emphasis: Chair, Kinesiology Department

Requirements: Completion of prescribed core plus requirements of one emphasis

Physical Therapy Emphasis – 77 credits: 30 must be numbered above 299

Athletic Training Emphasis – 77 credits: 30 must be numbered above 299

Core Requirements:

BI 201. Human Anatomy and Physiology I (3); and,

BI 201L. Human Anatomy and Physiology I Laboratory (1)

BI 203. Human Anatomy and Physiology II (3); and,

BI 203L. Human Anatomy and Physiology II Laboratory (1)

BI 222. General Biology I (3); and,

BI 222L. General Biology I Laboratory (1)

BI 223. General Biology II (3); and,

BI 223L. General Biology II Laboratory (1)

CM 221. General Chemistry I (3); and,

CM 221L. General Chemistry I Laboratory (1)

CM 222. General Chemistry II (3); and,

CM 222L. General Chemistry II Laboratory (1)

KI/BI 196. Clinical Observation (1)

KI 241. Introduction to Athletic Training and Physical Therapy with Laboratory (3)

MA 224. Elementary Statistics (3)

PH 111. College Physics I (3); and,

PH 111L. College Physics I Laboratory (1); and,

PH 112. College Physics II (3); and,

PH 112L. College Physics II Laboratory (1); or,

PH 211. Physics for Science and Engineering I (3); and,

PH 211L. Physics for Science and Engineering I Laboratory (1); and,

PH 212. Physics for Science and Engineering II (3); and,

PH 212L. Physics for Science and Engineering II Laboratory (1)

PY 155. Introduction to Psychology (3)

Physical Therapy Emphasis

BI 496. Internship in Physical Therapy (1-4) (4 required)

MA 130. College Algebra (3)

MA 224. Elementary Statistics (3) or equivalent

SO 318. Race, Class and Ethnicity (3); or,

SO 334. Sociology of the Family (3)

PY 210. Lifespan Development (3)

PY 345. Abnormal Psychology (3)

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.

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

Group One

BI 336. Vertebrate Comparative Anatomy (3); and,

BI 336L. Vertebrate Comparative Anatomy Laboratory (1)

BI 342. General Microbiology (3); and,

BI 342L. General Microbiology Laboratory (1)

BI 350. Bioethics (2)

BI 351. Studies in Histology (1)

BI 362. Vertebrate Physiology (3); and,

BI 362L. Vertebrate Physiology Laboratory (1)

BI 372. Genetics (3); and,

BI 372L. Genetics Laboratory (1)

CM 321. Organic Chemistry I (3); and,

CM 321L. Organic Chemistry I Laboratory (1)

CM 322. Organic Chemistry II (3); and,

CM 322L. Organic Chemistry II Laboratory (1)

Group Two

KI 344. Advanced Athletic Training (3)

KI 360. Motor Development and Motor Learning (2)

KI 456. Administration and Supervision of HPER (3)

Athletic Training Emphasis

Choose 16 credits from the following groups of courses.

Group One: Choose eight (8) credits.

KI 243. Health Issues in Today's Society (3)

KI 273. Nutrition Across the Lifespan (2)

KI 296. Field Experience in Kinesiology (1)

KI 344. Advanced Athletic Training (3)

KI 360. Motor Development and Motor Learning (2)

KI 363. Corrective and Adaptive Physical Education (2)

KI 364. Physiology of Exercise and Biomechanics (3)

KI 495. Internship in Athletic Training (1)

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

BI 336. Vertebrate Comparative Anatomy (3); and,

BI 336L. Vertebrate Comparative Anatomy Laboratory (1)

BI 342. General Microbiology (3); and,

BI 342L. General Microbiology Laboratory (1)

- BI 350. Bioethics (2)
- BI 362. Vertebrate Physiology (3); and,
 - BI 362L. Vertebrate Physiology Laboratory (1)
- CM 321. Organic Chemistry I (3); and,
 - CM 321L. Organic Chemistry I Laboratory (1)
- CM 322. Organic Chemistry II (3); and,
 - CM 322L. Organic Chemistry II Laboratory (1)

Bachelor of Arts, Biology

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

Administrator: Chair, Department of Biology

Requirements: 47-48 credits in science and mathematics including 34-35 credits in biology with the following core, required and selected elective courses.

Core Requirements:

- BI 222. General Biology I (3); and,
 - BI 222L. General Biology I Laboratory (1)
- BI 223. General Biology II (3); and,
 - BI 223L. General Biology II Laboratory (1)
- BI 324. Plant and Animal Ecology (3)
- BI 372. Genetics (3); and,
 - BI 372L. Genetics Laboratory (1)
- BI 374. Origins (3)
- CM 120. Principles of General Chemistry (3)
- CM 121. Principles of Organic and Biochemistry (3); and,
 - CM 121L. Principles of Organic and Biochemistry Laboratory (1)
- MA 130. College Algebra (3)

Choose one of the following courses:

- MA 224. Elementary Statistics (3)
- MA 251. Calculus I (4)
- PY 364. Experimental Design and Statistical Analysis I (3); and,
 - PY 364L. Experimental Design and Statistical Analysis Laboratory I (1)

Form and Function (choose 1):

- BI 201. Human Anatomy and Physiology I (3); and,
 - BI 201L. Human Anatomy and Physiology I Laboratory (1)
- BI 203. Human Anatomy and Physiology II (3); and,
 - BI 203L. Human Anatomy and Physiology II Laboratory (1)
- BI 336. Vertebrate Comparative Anatomy (3); and,
 - BI 336L. Vertebrate Comparative Anatomy Laboratory (1)
- BI 362. Vertebrate Physiology (3); and,
 - BI 362L. Vertebrate Physiology Laboratory (1)

Plant and Animal Biology (choose 1):

- BI 316. Plant Taxonomy (3); and,
 - BI 316L. Plant Taxonomy Laboratory (1)

BI 330. Vertebrate Zoology: Ectotherms (3); and,

BI 330L. Vertebrate Zoology: Ectotherms Laboratory (1)

BI 332. Vertebrate Zoology: Endotherms (3); and,

BI 332L. Vertebrate Zoology: Endotherms Laboratory (1)

Or obtain NNU credit for the following Au Sable* courses (see Department Chair for more information).

Marine Mammals (4) - Pacific Rim

Marine Invertebrates (4) - Pacific Rim

Birds and Mammals of East Africa (4) - Africa

Birds and Mammals of South India (4) - India

Woody Plants (4) - Great Lakes

Tropical Botany (4) - Africa

Ecology (choose 1):

BI 424. Field Ecology (3); and,

BI 424L. Field Ecology Laboratory (1)

Or obtain NNU credit for the following Au Sable* courses (see Department Chair for more information).

Wildlife Ecology (4) - Pacific Rim

Plant Ecology (4) - Pacific Rim

Alpine Ecology: Life in Context of Snow and Ice (4) - Pacific Rim

Tropical Mountain Ecology (4) - India

Restoration Ecology (4) - Pacific Rim

Forest Ecology (4) - Great Lakes and Pacific Rim

Wetland Ecology (4) - Great Lakes

Cellular and Molecular Biology (choose 1):

BI 242. Microbiology (3); and,

BI 242L. Microbiology Laboratory (1)

BI 346. Cell Biology (3); and,

BI 346L. Cell Biology Laboratory (1)

BI 352. Developmental Biology (3); and,

BI 352L. Developmental Biology Laboratory (1)

BI 354. Immunology (3); and,

BI 354L. Immunology Laboratory (1)

Additional recommended classes include: Earth Science, additional math (see above) and Environmental Chemistry (Au Sable).

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

Minor, Environmental Science

Objective: To provide the student with an introduction to a Christian stewardship view of environmental science which supports their major field of study and the university's philosophy: "Students will grow to understand and appreciate the human responsibility in God's creation."

Administrator: Chair, Department of Biology

Requirements: 24-28 credits, of which 12 must be above 299 and which includes at least three courses through Au Sable Institute of Environmental Studies.

BI 324. Plant and Animal Ecology (3)

BI 397. Research (1-3); or,

CM 497. Research (1-6) (2 required)

BI 424. Field Ecology (3)

BI 498. Senior Seminar (1); or,

CM 498. Senior Seminar (1)

Eight to twelve credits at Au Sable (8-12)

Ten credits taken in consultation with major advisor (10)

Department Of Chemistry

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

Learning Objectives:

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

Majors

Bachelor of Science, Chemistry

Chemistry Emphasis

Biochemistry Emphasis

Environmental Chemistry Emphasis

Bachelor of Arts, Chemistry

Chemistry Education

See Secondary Education: Chemistry Teaching Area, Chemistry First Teaching Field, Chemistry Second Teaching Field

Bachelor of Science, Chemistry

Academic Objective: This emphasis 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 56-58 credits in science and math, including at least 30 credits in chemistry **and an emphasis selected from the three listed below.**

CM 221. General Chemistry I (3); and,

CM 221L. General Chemistry I Laboratory (1)

CM 222. General Chemistry II (3); and,

CM 222L. General Chemistry II Laboratory (1)

CM 261. Analytical Chemistry (3); and

CM 261L. Analytical Chemistry Laboratory (1)

CM 294. Topics in Chemistry (1-3); or,

CM 394. Topics in Chemistry (1-3); or,

CM 494. Topics in Chemistry (1-3)

CM 321. Organic Chemistry I (3); and,

CM 321L. Organic Chemistry I Laboratory (1)

CM 322. Organic Chemistry II (3); and,

CM 322L. Organic Chemistry II Laboratory (1)

CM 331. Inorganic Chemistry (3)

CM 351. Thermodynamics and Kinetics (3)
 CM 362. Integrated Laboratory I (1)
 CM 461. Integrated Laboratory II (1)
 * CM 497. Research (1-6)
 ** CM 498. Senior Seminar (1)
 MA 251. Calculus I (4)
 MA 252. Calculus II (4)
 PH 211. Physics for Science and Engineering I (3); and,
 PH 211L. Physics for Science and Engineering I Laboratory (1)
 PH 212. Physics for Science and Engineering II (3); and,
 PH 212L. Physics for Science and Engineering II Laboratory (1)

Chemistry Emphasis

9-11 credits in the following courses:

CM 471. Structure Elucidation (3)
 PH 313. Modern Physics (3); and,
 PH 313L. Modern Physics Laboratory (1); or,
 PH 481. Fundamentals of Quantum Mechanics (3)

Choose one of the following:

BI 441. Biochemistry I (3); and,
 BI 441L. Biochemistry I Laboratory (1)
 CM 472. Advanced Organic Chemistry (3)
 PH 472. Solid State Physics (3)

Biochemistry Emphasis

11 credits in the following courses:

BI 223. General Biology II (3); and,
 BI 223L. General Biology II Laboratory (1)
 BI 441. Biochemistry I (3); and,
 BI 441L. Biochemistry I Laboratory (1)
 BI 442. Biochemistry II (3)

Environmental Chemistry Emphasis

10 credits in the following courses:

BI 222. General Biology I (3); and,
 BI 222L. General Biology I Laboratory (1)
 BI 324. Plant and Animal Ecology (3); or,
 *** approved Ecology course; or, approved
 Environmental chemistry or water quality course (3)

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 CM 497 will be allowed toward the major.

** CM 498 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:

- CM 221. General Chemistry I (3); and,
CM 221L. General Chemistry I Laboratory (1)
- CM 222. General Chemistry II (3); and,
CM 222L. General Chemistry II Laboratory (1)
- CM 261. Analytical Chemistry (3); and,
CM 261L. Analytical Chemistry Laboratory (1)
- CM 294. Topics in Chemistry (1-3); or,
CM 394. Topics in Chemistry (1-3); or,
CM 494. Topics in Chemistry (1-3)
- CM 321. Organic Chemistry I (3); and,
CM 321L. Organic Chemistry I Laboratory (1)
- CM 322. Organic Chemistry II (3); and,
CM 322L. Organic Chemistry II Laboratory (1)
- CM 331. Inorganic Chemistry (3)
- CM 351. Thermodynamics and Kinetics (3)
- CM 362. Integrated Laboratory I (1)
- CM 461. Integrated Laboratory II (1)
- * CM 497. Research (1-6)
- ** CM 498. Senior Seminar (1)
- MA 251. Calculus I (4)
- PH 111. College Physics I (3); and,
PH 111L. College Physics I Laboratory (1)
- PH 112. College Physics II (3); and,
PH 112L. College Physics II Laboratory (1)

* A minimum of one credit is required, but a maximum of six credits in CM 497 will be allowed toward the major.

** CM 498 must be taken at Northwest Nazarene University.

Department Of Kinesiology

Faculty: Kimberly Forseth (Department Chair), Roger Schmidt

Learning Objectives:

1. Graduates of the department and general education students will be able to think critically and assess wellness benchmarks in order to increase awareness of personal wellness level competencies. (Academic Excellence and Social Responsiveness)
2. Graduates of the department will demonstrate current methods in leadership, management, and coaching techniques within respective professional employment environments. (Creative Engagement and Social Responsiveness)
3. Graduates of the department will utilize and implement knowledge of the human body and its movement function within a recreational and/or an athletic setting in order to adapt and improve physical performance. (Academic Excellence and Social Responsiveness)
4. Graduates of the department will be able to use a variety of information technologies, internships, field experiences and student teaching experiences to help develop their personal style of leadership and instruction for future endeavors. (Creative Engagement and Social Responsiveness)
5. Graduates of the department will be aware of the current health issues within the context of a complex societal environment. Graduates will understand issues of integrity and faith and the value these areas add to their profession. (Christlike Character)

Majors

Bachelor of Arts, Recreation and Sport Management

Athletic Training Emphasis
 Kinesiology/Coaching Emphasis
 Sport Management Emphasis
 Outdoor Recreation Emphasis
 Kinesiology Education

See Secondary Education: Kinesiology Teaching Area, Kinesiology First Teaching Field,
 Kinesiology Second Teaching Field

Bachelor of Arts, Recreation and Sport Management

Administrator: Chair, Kinesiology Department

Requirements: 49-50 credits, including completion of core courses (34) credits and one area of emphasis 15-16 credits, 34 credits in Kinesiology of which 18 shall be numbered above 299. All majors are required to pass fitness component tests as set forth by the Kinesiology Department.

Core courses:

KI 131. Introduction to Recreation and Kinesiology (3)
 KI 124. Life Guarding (1) (or current certification)
 KI 264. Kinesiology Majors Activity Laboratory (1) (six credits required)
 KI 275. Outdoor Pursuits (2)
 KI 285. Camp Administration and Outdoor Education (3)
 KI 296. Field Experience in Kinesiology (1)
 KI 363. Corrective and Adaptive Physical Education (2)
 KI 364. Physiology of Exercise and Biomechanics (3)
 KI 396. Field Experience in Kinesiology/Recreation (1)
 KI 486. Recreation Management and Facilities Planning (3)
 KI 496a. Recreation and Sport Internship (3)
 KI 496b. Recreation and Sport Internship (3)
 BU 364. Principles of Management (3)

*All Recreation Sport Management majors must present evidence of successful completion of a First Aid/CPR course (American Red Cross preferred) to the Kinesiology Chair prior to graduation. All Recreation Sport Management majors are required to pass fitness component tests as set forth by the Kinesiology Department.

Athletic Training Emphasis

*This area of emphasis is not a NATA (National Athletic Trainers Association) curriculum approved course of study. Students pursuing an Athletic Training emphasis are encouraged to consider an approved graduate degree program in athletic training in order to qualify to take the NATA certifying examination.

Select 15-16 credits from the following courses:

BI 201. Human Anatomy and Physiology I (3); and,
 BI 201L. Human Anatomy and Physiology I Laboratory (1)
 BI 203. Human Anatomy and Physiology II (3); and,
 BI 203L. Human Anatomy and Physiology II Laboratory (1)
 KI 196. Clinical Observation (1)
 KI 241. Introduction to Athletic Training and Physical Therapy with Laboratory (3)
 KI 243. Health Issues in Today's Society (3)
 KI 273. Nutrition Across the Lifespan (2)
 KI 344. Advanced Athletic Training (3)
 KI 360. Motor Development and Motor Learning (2)
 KI 364. Physiology of Exercise and Biomechanics (3)
 KI 456. Administration and Supervision of HPER (3)

Kinesiology/Coaching Emphasis

Select 14-16 credits from the following courses

BI 201. Human Anatomy and Physiology I (3); and,

BI 201L. Human Anatomy and Physiology I Laboratory (1)

KI 241. Introduction to Athletic Training and Physical Therapy with Laboratory (3)

KI 273. Nutrition Across the Lifespan (2)

KI 338. Teaching Physical Education in the Elementary Schools (2)

KI 344. Advanced Athletic Training (3)

KI 356. Psychology and Techniques of Coaching (3)

KI 360. Motor Development and Motor Learning (2)

KI 364. Physiology of Exercise and Biomechanics (3)

KI 456. Administration and Supervision of HPER (3)

Sport Management Emphasis

Select 15 credits from the following courses:

AC 106. Financial Accounting (3)

BU 217. Computer Applications in Business (3)

BU 351. Principles of Marketing (3)

BU 353. Marketing Communications (3)

BU 365. Human Resource Management (3)

BU 381. Business Ethics (3)

BU 461. Entrepreneurship (3)

EC 241. Microeconomic Analysis (3)

BU 467. Organizational Behavior (3)

Outdoor Recreation Emphasis

Select 14-16 credits from the following courses:

BI 103. Earth Science (3); and,

BI 103L. Earth Science Laboratory (1)

BI 316. Plant Taxonomy (3); and,

BI 316L. Plant Taxonomy Laboratory (1)

BI 324. Plant and Animal Ecology (3)

BI 330. Vertebrate Zoology: Ectotherms (3); and,

BI 330L. Vertebrate Zoology: Ectotherms Laboratory (1)

BI 332. Vertebrate Zoology: Endotherms (3); and,

BI 332L. Vertebrate Zoology: Endotherms Laboratory (1)

BI 420. Birds of Prey (3)

CM 106. Chemistry for Citizens (3); and,

CM 106L. Chemistry for Citizens Laboratory (1)

KI 494. Special Topics in Kinesiology (1-4)

PH 106. Descriptive Astronomy (3); and,

PH 106L. Descriptive Astronomy Laboratory (1)

Department of Mathematics and Computer Science

Faculty: Edward Kornftved (Department Chair), Robert DeCloss, Gary Ganske, Barry Myers, Kenneth Yoder

Learning Objectives:

1. Every student should master the basic knowledge in the field of mathematics or computer science.
2. Every student should gain the required knowledge to prepare the student for employment after graduation or admission into graduate school.
3. Students should learn to think in a creative way but yet be able to express their thoughts in an organized fashion.

4. The computer science student should understand the basic principles of the major types of programming languages and other fundamental areas of computer science.
5. All students are expected to practice integrity in their daily interaction with their colleagues and in their work.

Majors

Bachelor of Science, Computer Science

Bachelor of Science, Mathematics

Bachelor of Arts, Computer Science

Bachelor of Arts, Mathematics

Computer Science Education

See Secondary Education: Computer Science Second Teaching Field

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 science or industry.

Administrator: Chair, Department of Mathematics and Computer Science

Requirements: 62-63 credits, including 42 in computer science

CS 122. Introduction to Computer Science (3)

CS 222. Computer Programming in C++ (3); and,

CS 222L. Computer Programming in C++ Laboratory (1)

CS 226. Event-Driven Programming (3); and,

CS 226L. Event-Driven Programming Laboratory (1)

CS 263. Assembly Language Programming (3)

CS 275. Data Structures (3)

CS 333. Database Design and Programming (3); and,

CS 333L. Database Design and Programming Laboratory (1)

CS 337. Systems Analysis and Design (3)

CS 343. Operating Systems I (3)

CS 344. Operating Systems II (3)

CS 363. Networks and Data Communications I (3)

CS 364. Networks and Data Communications II (3)

CS 397. Introduction to Senior Project (1)

CS 468. Software Development Project (4)

* CS 498. Senior Seminar (1)

MA 231. Discrete Mathematics (3)

MA 251. Calculus I (4)

MA 252. Calculus II (4)

MA 324. Probability and Statistics I (3)

MA 332. Linear Algebra (3)

One course from:

MA 325. Probability and Statistics II (3)

MA 328. Modeling and Operations Research (3)

MA 354. Differential Equations (3)

MA 356. Numerical Analysis (3)

MA 432. Modern Algebra (4)

* CS 498 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: 45-46 credits including 38-39 in mathematics of which 27 shall be numbered above 299

MA 231. Discrete Mathematics (3)

MA 251. Calculus I (4)

MA 252. Calculus II (4)

MA 353. Vector Calculus (3)

MA 324. Probability and Statistics I (3)

MA 331. Introduction to Abstract Mathematics (3)

MA 332. Linear Algebra (3)

MA 354. Differential Equations (3)

MA 432. Modern Algebra (4)

MA 451. Introduction to Real Analysis (4)

Choose one of the following options:

MA 325. Probability and Statistics II (3); and,

MA 452. Introduction to Real Analysis (2); or,

MA 433. Modern Algebra (2); and,

MA 452. Introduction to Real Analysis (2)

CS 122. Introduction to Computer Science (3)

PH 111. College Physics I (3); and,

PH 111L. College Physics I Laboratory (1); or,

PH 211. Physics for Science and Engineering I (3); and,

PH 211L. Physics for Science and Engineering I Laboratory (1)

Students who plan on graduate study are advised to acquire a reading knowledge of German or French.

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.

Administrator: Chair, Department of Mathematics and Computer Science

Requirements: 65 credits including 36 in computer science

CS 122. Introduction to Computer Science (3)

CS 222. Computer Programming in C++ (3); and,

CS 222L. Computer Programming in C++ Laboratory (1)

CS 226. Event-Driven Programming (3); and,

CS 226L. Event-Driven Programming Laboratory (1)

CS 263. Assembly Language Programming (3)

CS 275. Data Structures (3)

CS 333. Database Design and Programming (3); and,

CS 333L. Database Design and Programming Laboratory (1)

CS 337. Systems Analysis and Design (3)

CS 363. Networks and Data Communications I (3)
 CS 364. Networks and Data Communications II (3)
 CS 397. Introduction to Senior Project (1)
 CS 468. Software Development Project (4)
 * CS 498. Senior Seminar (1)
 MA 151. Survey of Calculus (3)
 MA 224. Elementary Statistics (3)
 MA 231. Discrete Mathematics (3)

Twenty credits in a specific area of concentration approved by the Department Chair.

* CS 498 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 some specialization in mathematics.

Administrator: Chair, Department of Mathematics and Computer Science

Requirements: 46-50 credits (33-37 in mathematics of which 22-26 shall be upper division). The following core classes are required. Either option A or option B must be followed to complete the major.

CS 122. Introduction to Computer Science (3)
 MA 231. Discrete Mathematics (3)
 MA 251. Calculus I (4)
 MA 252. Calculus II (4)
 MA 353. Vector Calculus (3)
 MA 324. Probability and Statistics I (3)
 MA 331. Introduction to Abstract Mathematics (3)
 MA 332. Linear Algebra (3)
 MA 354. Differential Equations (3); or,
 MA 451. Introduction to Real Analysis (4)
 MA 432. Modern Algebra (4)

Option A

Requirements: 46-47 credits including 36-37 in mathematics of which 25-26 shall be numbered above 299

MA 328. Modeling and Operations Research (3)
 MA 356. Numerical Analysis (3); or,
 MA 325. Probability and Statistics II (3)
 CS 222. Computer Programming in C++ (3); and,
 CS 222L. Computer Programming in C++ Laboratory (1)
 CS 275. Data Structures (3)

Option B

Requirements: 49-50 credits including 33-34 in mathematics of which 22-23 shall be numbered above 299

MA 328. Modeling and Operations Research (3)
 Nine credits of approved business/economics courses
 PH 111. College Physics I (3); and,
 PH 111L. College Physics I Laboratory (1); or,
 PH 211. Physics for Science and Engineering I (3); and,
 PH 211L. Physics for Science and Engineering I Laboratory (1)

Students who plan on graduate study are advised to acquire a reading knowledge of German or French.

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: 24-25 credits, including 11 upper-division credits. Every student must complete the following:

- CS 122. Introduction to Computer Science (3)
- CS 222. Computer Programming in C++ (3); and,
 - CS 222L. Computer Programming in C++ Laboratory (1)
- CS 226. Event-Driven Programming (3); and,
 - CS 226L. Event-Driven Programming Laboratory (1)
- CS 275. Data Structures (3)
- CS 333. Database Design and Programming (3); and,
 - CS 333L. Database Design and Programming Laboratory (1)
- CS 337. Systems Analysis and Design (3)
- One additional CS-prefixed course numbered 300 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: 20-21 credits, including 12 upper division credits. Every student must complete the following three courses along with one of the two options.

- MA 251. Calculus I (4)
- MA 252. Calculus II (4)
- MA 332. Linear Algebra (3)

Option A

- MA 331. Introduction to Abstract Mathematics (3)
- MA 432. Modern Algebra (4); or,
 - MA 451. Introduction to Real Analysis (4)
- MA 324. Probability and Statistics I (3); or,
 - MA 356. Numerical Analysis (3)

Option B

Three of the following courses:

- MA 328. Modeling and Operations Research (3)
- MA 353. Vector Calculus (3)
- MA 354. Differential Equations (3)
- MA 356. Numerical Analysis (3)

Department Of Military Science

Faculty: Chair and Assistant Professor, Major Rodney Nelson, US Army (Retired)

Department Objective: The Reserve Officers' Training Corps (ROTC) was established at Northwest Nazarene University in 1995 as a partnership with Boise State University under provisions recommended to the State Board of Education and in accordance with national requirements. Participation by students in the program is voluntary.

The objective of senior Army ROTC is to provide world-class leadership training to transform Scholar - Athlete - Leaders at Northwest Nazarene University into commissioned officers prepared to lead small units upon arrival to their first unit of assignment in the United States Army, Army Reserves, and Army National Guard.

Minors

- Military Science

Minor, Military Science

Objective: 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 small units upon arrival to their first unit of assignment in the United States Army, Army Reserves, and Army National Guard.

Minor Objective: This program will prepare qualified students for a commission as a Second Lieutenant in the United States Army.

Requirements: Students who wish to enroll in the minor curriculum in military science must first apply and be accepted to upper-division (candidacy) for the advance program in military science. All Advanced Course ROTC students must be United States citizens. Non-citizens desiring to enroll in ROTC may attend classroom instruction only for the Basic Course. Every student must complete the following:

- MS 301. Adaptive Team Leadership (3)
- MS 302. Leadership in Changing Environments (3)
- MS 390. Military Science Practicum (6)
- MS 401. Developing Adaptive Leaders (3)
- MS 402. Leadership in a Complex World (3)

Department of Nursing

Faculty: Patricia Kissell (Dept. Chair), Carol Bett, Jan Crabill, Barbara Lester, Kattie Payne, Cherié Richards

Learning Objectives:

1. Graduates of the Department of Nursing will manifest values reflective of the character of God; evaluate ethical principles in health care, and role model a commitment of service to others. (Christ-like Character and Social Responsiveness)
2. Graduates of the Department of Nursing will evaluate the varying needs of diverse persons and communities across the lifespan; role model sensitivity in interactions with diverse persons and communities; communicate effectively with a diversity of health care recipients and health care providers, and collaborate effectively across disciplines. (Creative Engagement and Social Responsiveness)
3. Graduates of the Department of Nursing will design and employ strategies of health promotion, maintenance and restoration for individuals, families, groups and communities. (Creative Engagement)
4. Graduates of the Department of Nursing will evaluate self and others as members of the profession; role model scholarly approaches in the practice of nursing; incorporate technical skills into professional nursing practice, and evaluate critical thinking in professional nursing practice. (Academic Excellence and Social Responsiveness)

Majors

Bachelor of Science, Nursing

Bachelor of Science, Nursing

Program Goals

The goals of the Department of Nursing are to:

1. Facilitate students in intellectual development, emphasize academic excellence and provide a foundation for professional nursing in the arts and sciences.
2. Prepare graduates to function as leaders in the profession of nursing.
3. Promote a Christ-like perspective and Christian worldview by facilitating the integration of faith and belief into the educational process.

Administrator: Chair, Department of Nursing

Requirements for Admission to the Professional Nursing Program

1. Submission of an Application for Admission to the Professional Nursing Program.
2. Minimum grade of "C" in courses listed on the Department of Nursing Plan of Study as prerequisite to the Professional Nursing Program.
3. Cumulative GPA of 2.75 on a scale of 4.0 (based on the Department of Nursing Plan of Study).
4. Meet the designated requirements of a standardized entrance examination.

5. Meet health requirements.

Prerequisite Courses for Admission to the Professional Nursing Program

Applicants for admission to the Professional Nursing Program will be accepted based on successful completion in the following prerequisite courses.

Minimum grade of “C” required:

- BI 201. Human Anatomy and Physiology I (3); and,
BI 201L. Human Anatomy and Physiology I Laboratory (1)
- BI 203. Human Anatomy and Physiology II (3); and,
BI 203L. Human Anatomy and Physiology II Laboratory (1)
- CM 121. Principles of Organic and Biochemistry (3); and,
CM 121L. Principles of Organic and Biochemistry Laboratory (1)
- EN 102. English Composition (3)
- PY 155. Introduction to Psychology (3)
- SO 155. Introduction to Sociology (3)
- NU 100. Introduction to the Profession of Nursing (2)

The following courses are taken concurrently with the nursing program:

Minimum grade of “C” required:

- BI 242. Microbiology (3); and,
BI 242L. Microbiology Laboratory (1)
- EN 202. Research Writing and Critical Thinking (3)
- KI 273. Nutrition Across the Lifespan (2)
- PY 210. Lifespan Development (3)
- MA 224. Elementary Statistics (3)
- BI 382. Pathophysiology (3)

Professional Nursing Courses:

Minimum grade of “C” (73%) required:

- NU 200. Health Assessment and the Promotion of Family Health (5)
- NU 203. Fundamentals of Family Health Nursing (5)
- NU 210. Medical Terminology Online (1)
- NU 300. The Childbearing and Childrearing Family (6)
- NU 302. Family Mental Health (3)
- NU 303. The Family With Acute and Chronic Health Needs (7)
- NU 400. The Family with Complex Health Needs (7)
- NU 401. The Family Within the Community (4)
- NU 402. Leadership and Management in Professional Nursing (3)
- NU 403. Nursing Research (3)
- NU 404. Transition to Professional Nursing Practice (4)

Refer to this catalog for the Standard General Education requirements.

Department Of Physics And Engineering

Faculty: Dan Lawrence (Department Chair), William Packard

The Department of Physics and Engineering instructs our students, whether they are departmental majors or students in the general education program, to be creative problem solvers for their careers, future education, and lifetime service. For our majors, we do this by teaching the traditional physics and engineering courses that give them a solid background in the methods, theories, and analytic skills needed to succeed in either physics, engineering or related fields. In the general education program, this is accomplished by teaching basic scientific principles through classes designed to engage the student in interesting topics. In both areas, the department seeks to instill a Christian perspective to the natural world, without compromising scientific principles,

through class discussions and assignments. Students are being prepared for careers in industry and government, or for graduate school in engineering.

Learning Objectives:

1. Graduates of the department will be able to identify and explain the major theories of, and contributions to, the fields of physics and engineering, and will be able to apply them to problems presented. (Academic Excellence, Creative Engagement)
2. Graduates of the department will be able to use standard software, including, but not limited to, AutoCAD, maple, LabView, Word and Excel. They will be able to use standard scientific equipment such as DMM's, oscilloscopes, data acquisition equipment (DAC/ADS, GPIB), computers (as data gathering tool), and other laboratory equipment. They will be able to use these tools to design and carry out experiments. (Academic Excellence, Creative Engagement)
3. Graduates of the department will be able to write a coherent technical report of a scientific or engineering nature. (Academic Excellence, Creative Engagement)
4. Graduates of the department will learn a Christian perspective to the natural world, without compromising scientific principles. They will be able to use their abilities learned to positively affect the world around them. (Christlike Character, Social Responsiveness)

Majors

Bachelor of Science, Engineering Physics

Bachelor of Science, Physics

Bachelor of Arts, Physics

Physics Education

See Secondary Education: Physics Second Teaching Field

Minors

Physics

Bachelor of Science, Engineering Physics

Objective: To prepare students for careers in industry and government, or for graduate school in engineering.

Administrator: Chair, Department of Physics

Requirements: 73 credits including 21 in engineering and 30 in physics of which 32 shall be numbered above 299

EG 101. Introduction to Engineering (3)

EG 105. Engineering Graphics and Design (3)

EG 210. Engineering Statics (3)

EG 343. Mechanics of Materials (3)

EG 362. Analog Electronics (3); and,

EG 362L. Analog Electronics Laboratory (1)

EG 363. Digital Electronics (3); and,

EG 363L. Digital Electronics Laboratory (1)

* EG 497. Senior Design Project (1)

MA 251. Calculus I (4)

MA 252. Calculus II (4)

MA 324. Probability and Statistics I (3)

MA 353. Vector Calculus (3)

MA 354. Differential Equations (3)

MA 356. Numerical Analysis (3)

PH 211. Physics for Science and Engineering I (3); and,

PH 211L. Physics for Science and Engineering I Laboratory (1)

PH 212. Physics for Science and Engineering II (3); and,

PH 212L. Physics for Science and Engineering II Laboratory (1)

PH 231. Instrumentation in Experimental Physics I (1)

PH 232. Instrumentation in Experimental Physics II (1)

PH 313. Modern Physics (3); and,
 PH 313L. Modern Physics Laboratory (1)
 PH 341. Analytic Mechanics (3)
 PH 342. Vibrations and Waves (3)
 PH 351. Thermodynamics and Statistical Mechanics (3)
 PH 461. Electricity and Magnetism (3)
 PH 472. Solid State Physics (3)
 ** PH 498. Senior Seminar (1)
 PL 351. Philosophy of Science (2)

In addition the student must:

- take the Major Fields Examination in their last semester, and
- show proficiency in a computer programming language. Proficiency is shown by writing a sufficient program as determined by the Chair of the department, or by receiving a passing grade in a college level CS language class.

Neither of the following courses is required; however, they are highly recommended for engineering students and at least one of them will count as a general education requirement in Social Science.

EC 241. Microeconomic Analysis (3)
 EC 242. Macroeconomic Analysis (3)

For students pursuing a career in the microelectronics industry, PH 481. Fundamentals of Quantum Mechanics (3), CM 221. General Chemistry I (3) and CM 222. General Chemistry II (3) are strongly recommended.

* A minimum of one credit is required, but a maximum of three credits in EG 497 will be allowed toward the major.

** PH 498 must be taken at Northwest Nazarene University.

Bachelor of Science, Physics

Objective: To prepare students for graduate school or industry.

Administrator: Chair, Department of Physics

Requirements: 64 credits including 34 in physics of which 24 shall be numbered above 299

CM 221. General Chemistry I (3); and,
 CM 221L. General Chemistry I Laboratory (1)
 CM 222. General Chemistry II (3); and,
 CM 222L. General Chemistry II Laboratory (1)
 MA 251. Calculus I (4)
 MA 252. Calculus II (4)
 MA 324. Probability and Statistics I (3)
 MA 353. Vector Calculus (3)
 MA 354. Differential Equations (3)
 MA 356. Numerical Analysis (3)
 PH 211. Physics for Science and Engineering I (3); and,
 PH 211L. Physics for Science and Engineering I Laboratory (1)
 PH 212. Physics for Science and Engineering II (3); and,
 PH 212L. Physics for Science and Engineering II Laboratory (1)
 PH 231. Instrumentation in Experimental Physics I (1)
 PH 232. Instrumentation in Experimental Physics II (1)
 PH 313. Modern Physics (3); and,
 PH 313L. Modern Physics Laboratory (1)
 PH 341. Analytic Mechanics (3)
 PH 342. Vibrations and Waves (3)
 PH 351. Thermodynamics and Statistical Mechanics (3)

PH 461. Electricity and Magnetism (3)
 PH 472. Solid State Physics (3)
 PH 481. Fundamentals of Quantum Mechanics (3)
 * PH 497. Research (1)
 ** PH 498. Senior Seminar (1)
 PL 351. Philosophy of Science (2)

In addition the student must:

- take the Major Fields Examination in their last semester, and
- show proficiency in a computer programming language. Proficiency is shown by writing a sufficient program as determined by the Chair of the department, or by receiving a passing grade in a college level CS language class.

The following courses are not required, but are strongly recommended for students pursuing graduate school:

EG 362. Analog Electronics (3); and,
 EG 362L. Analog Electronics Laboratory (1)
 EG 363. Digital Electronics (3); and,
 EG 363L. Digital Electronics Laboratory (1)
 MA 332. Linear Algebra (3)

* A minimum of one credit is required, but a maximum of three credits in PH 497 will be allowed toward the major.

** PH 498 must be taken at Northwest Nazarene University.

Bachelor of Arts, Physics

Objective: To prepare students to enter fields such as medicine or law and for students planning to enter a profession closely related to physics such as health physics, biophysics, chemical physics or business technology.

Administrator: Chair, Department of Physics

Requirements: 55 credits including 21 in physics of which 13 shall be numbered above 299

PH 211. Physics for Science and Engineering I (3); and,
 PH 211L. Physics for Science and Engineering I Laboratory (1)
 PH 212. Physics for Science and Engineering II (3); and,
 PH 212L. Physics for Science and Engineering II Laboratory (1)
 PH 313. Modern Physics (3); and,
 PH 313L. Modern Physics Laboratory (1)

Nine elective upper division credits in physics (9)

CM 221. General Chemistry I (3); and,
 CM 221L. General Chemistry I Laboratory (1)
 CM 222. General Chemistry II (3); and,
 CM 222L. General Chemistry II Laboratory (1)
 MA 251. Calculus I (4)
 MA 252. Calculus II (4)
 MA 353. Vector Calculus (3)
 MA 354. Differential Equations (3)

In addition, the student must take the Major Fields Examination in their last semester.

Twelve (12) credits in another discipline of which nine (9) shall be numbered above 299.

Note: Normally these courses will fulfill the requirements of a pre-professional school or will complement physics in areas such as chemical physics, biophysics, health physics or business. For students desiring to fulfill this requirement in mathematics, the 12 credits must be in addition to those listed within the major.

Minor, Physics

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

Administrator: Chair, Department of Physics and Engineering

Requirements: 18 credits, including 10 upper division credits. Every student must complete the following courses along with two of the options.

PH 211. Physics for Science and Engineering I (3); and,

PH 211L. Physics for Science and Engineering I Laboratory (1)

PH 212. Physics for Science and Engineering II (3); and,

PH 212L. Physics for Science and Engineering II Laboratory (1)

PH 313. Modern Physics (3); and,

PH 313L. Modern Physics Laboratory (1)

Choose two courses from the following:

PH 341. Analytic Mechanics (3)

PH 342. Vibrations and Waves (3)

PH 351. Thermodynamics and Statistical Mechanics (3)

PH 461. Electricity and Magnetism (3)

PH 472. Solid State Physics (3)

PH 481. Fundamentals of Quantum Mechanics (3)

School Of Theology And Christian Ministries

Dean of the School of Theology and Christian Ministries: Mark Maddix

Mission:

As an expression of its commitment to historic Christianity from a Wesleyan perspective, the School of Theology and Christian Ministries equips women and men for lives of faith and service in the world and in the church. Christian praxis is developed through integrative reflection on the Bible, theology, history, philosophy, ethics, and contemporary society.

The two departments in this School are Philosophy and Religion. Majors available in the School, by department:

Department of Philosophy

Majors

Bachelor of Arts, Philosophy

Bachelor of Arts, Philosophy and Religion

Minors

Philosophy

Department of Religion

Majors

Bachelor of Arts, Christian Ministry

Minors

Bible

Biblical Languages

Children's Ministries

Christian Education

Missions

Pastoral Ministries

Worship Leadership

Youth Ministries

Descriptions of majors, areas of emphasis, minors, and other programs are found in this chapter, while course descriptions are found at the end of the catalog, arranged alphabetically by discipline.

Learning Objectives:

1. **Christlike Character:** Graduates of the School of Theology and Christian Ministries will grow toward spiritual maturity, using their knowledge of the Bible, the rich heritage of the Christian faith and Christian values to represent Christ to the world and build the community of Christ.
2. **Academic Excellence:** Through integrative reflection on the Bible, theology, history, philosophy, ethics, and contemporary society, graduates of the School of Theology and Christian Ministries will develop a world view consonant with both reason and revelation that will continue to develop beyond the classroom.
3. **Creative Engagement:** Graduates of the School of Theology and Christian Ministries will respond to needs with inspired solutions as they live lives of service in the world and in the church.
4. **Social Responsiveness:** In response to the claims of the Gospel, graduates of the School of Theology and Christian Ministries will engage in Christian praxis with an expansive spirit that acknowledges the worth and dignity of all.

Ministerial Preparation

The School of Theology and Christian Ministries provides oversight and guidance to all students preparing for Christian 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 (PT 171, 296, 321, 396, 496) 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. When that is uncertain, the student may select the Christian Ministry major with an appropriate departmental minor and proceed directly into ministry following graduation.

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. Prior to achieving Ministerial Standing, a student is considered to be in ministry observation/preparation. Ministerial Standing is mandatory for admission to a program of ministry preparation. The items assessed in the process toward acceptance are: academic excellence, personal initiative (Social Responsiveness), leadership, spiritual formation (Christ-like Character), and the ability to integrate academic learning into the local ministry context (Creative Engagement).

Students are eligible to apply for Ministerial Standing in the spring semester of their sophomore year and each year thereafter. Achieving Ministerial Standing involves an annual process of application, submission of critical assignments in ministerial training, character references from peers, NNU faculty, NNU Student Development, and pastors, and an annual interview with a faculty team from the STCM. Students not qualifying for Ministerial Standing will be given clear feedback and encouraged to reapply the following year.

Ministerial Standing must be achieved in order to meet ordination requirements in the Church of the Nazarene and graduate with a Christian Ministry major from the School of Theology and Christian Ministries. Students not achieving Ministerial Standing, but meeting all other degree requirements, will receive an NNU degree but not necessarily from the School of Theology and Christian Ministries. Further, Ministerial Standing will be strongly considered in awarding Religion Department scholarships as well as in making recommendations to local churches, district superintendents, and graduate schools.

Ministerial Standing will be withdrawn if the student fails to enroll at NNU for a period of two consecutive semesters, or does not maintain a 2.50 cumulative GPA, or receives an unfavorable recommendation from a faculty interview or field experience/internship. A student must receive a favorable recommendation from the Dean of the School and must wait one semester before re-applying for ministerial standing.

Department of Philosophy

Faculty: Edwin Crawford (Department Chair), Joseph Bankard, Thomas Oord

Department Objectives: The Department of Philosophy serves general students, intraschool and interschool majors, and departmental majors. Successful students of departmental courses will achieve some or all of the following outcomes:

1. an ability to identify and apply principles of sound reasoning;
2. an ability to identify and apply moral principles, informed by Christian values, to contemporary socio-cultural problems;
3. an ability to identify and relate significant philosophical foundations of Western thought, culture, religion, and science; and
4. development of a world view consonant with both reason and revelation.

Majors

Bachelor of Arts, Philosophy

Bachelor of Arts, Philosophy and Religion

Minors

Philosophy

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: Edwin Crawford

Requirements: 30 credits of which 24 shall be numbered above 299

PL 201. Introduction to Philosophy (3)

PL 202. Ethics (3)
 PL 301. History of Ancient and Medieval Philosophy (3)
 PL 302. History of Modern Philosophy (3)
 PL 306. Critical Reasoning (2)
 PL 307. Formal Logic (2)
 PL 421. Contemporary Philosophy (3)
 PL 498. Seminar in Philosophy (3)
 Elective upper division philosophy credits (8)

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: Edwin Crawford

Requirements: 52 credits

BL 311. Old Testament Interpretation (3)
 BL 312. New Testament Interpretation (2)
 CH 361. History of the Christian Tradition I (3)
 CH 362. History of the Christian Tradition II (3)
 PL 202. Ethics (3)
 PL 301. History of Ancient and Medieval Philosophy (3)
 PL 302. History of Modern Philosophy (3)
 PL 306. Critical Reasoning (2); or,
 PL 307. Formal Logic (2)
 PL 452. Philosophy of Religion (3)
 PT 321. Spiritual Formation and Christian Discipleship (2)
 PT 375. Compassionate Ministries (2)
 TH 424. Theology of Holiness (2)
 TH 453. Christian Theology I (3)
 TH 454. Christian Theology II (3)

3 credits in a foreign language

12 Focus Credits in a particular content area (see below) to be determined in consultation with the designated advisor: George Lyons, Edwin Crawford, or Diane Leclerc.

Biblical Literature Focus (BL) (George Lyons, Advisor)

2 courses in biblical languages (6)

Upper division courses in Biblical Literature (BL), RS 440. Ancient Near Eastern History and Culture (2), or RS 460. Noncanonical Writings and New Testament Interpretation (2)

Philosophy Focus (PL) (Edwin Crawford, Advisor)

PL 341. Philosophy and Literature of Existentialism (3)
 PL 421. Contemporary Philosophy (3)
 PL 442. Metaphysics and Epistemology (3)
 PL 498. Seminar in Philosophy (3)

Theology Focus (TH) (Diane Leclerc, Advisor)

TH 341. Philosophy and Literature of Existentialism (3)
 TH 394. Topics in Theology (1-3)
 RS 356. World Religions: Asian Traditions (2)

RS 357. World Religions: Western Traditions (2)

RS 460. Noncanonical Writings and New Testament Interpretation (2)

Minor, Philosophy

Administrator: Edwin Crawford

Objective: Students who graduate with this minor will receive an introduction to the field of philosophy, and will be able to relate elements of its historical development and recognize and apply principles of sound reasoning.

Requirements (15 credits):

PL 201. Introduction to Philosophy (3)

Two of the following:

PL 301. History of Ancient and Medieval Philosophy (3)

PL 302. History of Modern Philosophy (3)

PL 421. Contemporary Philosophy (3)

PL 307. Formal Logic (2)

Electives selected in consultation with advisor (4)

Department Of Religion

Faculty: Richard Thompson (Department Chair), Jay Akkerman, Wendell Bowes, Rhonda Carrim, Mike Kipp, Diane Leclerc, George Lyons, Mark Maddix, Thomas Oord, Brent Peterson, James Rotz.

The Department of Religion serves both general students and departmental majors.

Graduates of the Department and general education students will:

- a. arrive at a knowledge of the Bible, the rich heritage of the Christian faith, and Christian values;
- b. develop a world view consonant with both reason and revelation;
- c. develop a sense of obligation to apply Christian principles to contemporary socio-cultural problems; and
- d. move toward spiritual and intellectual maturity.

Graduates of the Department will be able to enter pastoral or lay ministries according to their calling and choice of minor.

Majors

Bachelor of Arts, Christian Ministry

Minors

Bible

Biblical Languages

Children's Ministries

Christian Education

Missions

Pastoral Ministries

Worship Leadership

Youth Ministries

Minors in the Department of Religion serve two purposes:

1. Combined with the Christian Ministry major, a minor equips students for focused ministry.
2. The minors provide an introduction to focused ministry areas for nondepartmental majors.

In consultation with a Religion Department advisor an individualized minor may be designed to prepare a student for a ministry area not addressed by the published minors.

Bachelor of Arts, Christian Ministry

Objective: This major prepares students to go directly into ministry after graduation. The major requires the completion of a departmental minor. The combination of the Christian Ministry major with a designated departmental minor provides the

educational requirements for ordination as an elder in the Church of the Nazarene. Other denominations' requirements may be met through the selection of elective courses.

Graduates of the Christian Ministry major with a departmental minor and ministerial standing will demonstrate the following core 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 (or other denomination, as appropriate).
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; and 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.

Requirements: 52 credits plus an approved minor

Foundational Courses: These courses from the general offerings are required as foundational to the major

BL 111. Introduction to Biblical Studies (3)
 CO 121. Introduction to Public Speaking (2)
 EN 102. English Composition (3)
 HU 101. Cornerstone (3)
 PL 202. Ethics (3)
 PY 155. Introduction to Psychology (3)
 TH 211. Introduction to Christian Theology (3)
 TH 453. Christian Theology I (3)

Core Courses:

BL 311. Old Testament Interpretation (3)
 BL 312. New Testament Interpretation (2)
 BL 441. History of Ancient Israel (2); or
 BL 442. Hebrew Prophets (2)
 BL 425. Parables of Jesus (2); or
 BL 431. Luke and Acts (2); or
 BL 433. Pauline Epistles (2)
 CE 181. Introduction to Christian Education (3)
 GK 211. Elementary New Testament Greek (3); or,
 HB 211. Biblical Hebrew I (3)
 CH 241. History and Manual, Church of the Nazarene (2)
 (Non-Nazarene students may select an alternate course with advisor's approval)
 CH 361. History of the Christian Tradition I (3)
 CH 362. History of the Christian Tradition II (3)
 PL 301. History of Ancient and Medieval Philosophy (3); or,
 PL 302. History of Modern Philosophy (3)
 PL 306. Critical Reasoning (2)
 PT 125. Christian Ministry Retreat (1)
 PT 171. Introduction to Christian Ministry (1)
 PT 240. Introduction to Christian Missions (3)
 PT 296. Field Experience in Christian Ministry (1)
 PT 310. Pastoral Theology (2)
 PT 321. Spiritual Formation and Christian Discipleship (2)
 PT 322. Worship Theory and Development (2)

PT 371. Preaching (2)
 PT 471. Missional Growth and Health (2)
 PT 482. Pastoral Leadership (3)
 TH 424. Theology of Holiness (2)
 TH 454. Christian Theology II (3)

Minor, Bible

Administrator: Wendell Bowes

Requirements: 15 credits

Upper level courses in biblical literature (BL), RS 440, or RS 460 (13 cr. required)
 CE 222. Instructional Bible Study (2)

Recommended:

BL 311. Old Testament Interpretation (3)
 BL 312. New Testament Interpretation (2)

Minor, Biblical Languages

Administrator: George Lyons

Requirements: 16-19 credits

GK 211. Elementary New Testament Greek (3)
 GK 212. Elementary New Testament Greek (3)
 GK 301. Intermediate New Testament Greek (3)
 GK 352. New Testament Greek Exegesis (2) (4 credits required)
 HB 211. Biblical Hebrew I (3)
 HB 212. Biblical Hebrew II (3)

Recommended:

BL 311. Old Testament Interpretation (3)
 BL 312. New Testament Interpretation (2)

Minor, Children's Ministries

Administrator: Mike Kipp

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 17-18 credits

CE 222. Instructional Bible Study (2)
 CE 294. Topics in Christian Ministries (1-3)
 CE 381. Children's Ministries (2)
 CE 384. Family Ministries (2)
 PT 375. Compassionate Ministries (2)
 PT 388. Camping and Recreation Ministry (2)
 PT 476. Communicating the Gospel (2)

Foundations: (required of non-Christian Ministry majors)

CE 181. Introduction to Christian Education (3)
 PT 321. Spiritual Formation and Christian Discipleship (2)

Practicum: (required of Christian Ministry majors)

PT 396. Field Experience in Christian Ministry (1)
 PT 496. Internship in Ministry (3)

Recommended:

PT 171. Introduction to Christian Ministry (1)

PY 210. Lifespan Development (3)

Minor, Christian Education

Administrator: Mark Maddix

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 15-17 credits

CE 222. Instructional Bible Study (2)

CE 294. Topics in Christian Ministries (1-3)

CE 381. Children's Ministries (2); or,

CE 382. Youth Ministries (2)

CE 384. Family Ministries (2)

PT 375. Compassionate Ministries (2)

PT 388. Camping and Recreation Ministry (2)

PT 396. Field Experience in Christian Ministry (1)

Foundations: (required of non-Christian Ministry majors)

CE 181. Introduction to Christian Education (3)

PT 321. Spiritual Formation and Christian Discipleship (2)

Practicum: (required of Christian Ministry majors)

PT 496. Internship in Ministry (3)

Recommended:

PT 171. Introduction to Christian Ministry (1)

PT 482. Pastoral Leadership (3)

PY 210. Lifespan Development (3)

Minor, Missions

Administrator: Rhonda Carrim

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 16-19 credits

CO 203. Interpersonal Communication (3)

SO 203. Cultural Anthropology I (2); or,

SO 204. Cultural Anthropology II (2)

PT 260. Foundations for Cross-Cultural Ministry (1)

PT 340. Cross-Cultural Communication of the Gospel (2)

PT 375. Compassionate Ministries (2)

PT 396. Field Experience in Christian Ministry (1)

RS 356. World Religions: Asian Traditions (2); or,

RS 357. World Religions: Western Traditions (2)

PT 496. Internship in Ministry (3)

Foundations: (required of non-Christian Ministry majors)

PT 240. Introduction to Christian Missions (3)

Recommended:

CO 302. Organizational Communication (3)

PY 155. Introduction to Psychology (3)

- RS 356. World Religions: Asian Traditions (2); or,
 RS 357. World Religions: Western Traditions (2)
 (to complement the one taken as a minor requirement)
 SO 225. Issues of Developing Nations I (3)
 6 hours of a modern foreign language (For Christian Ministry majors this is in addition to GK 211 or HB 211.)

Minor, Pastoral Ministries

Administrator: Jay Akkerman

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 15-19 credits

- PT 476. Communicating the Gospel (2)
 400 level course in (BL) biblical literature (2)

Choose one of the following:

- PL 341. Philosophy and Literature of Existentialism (3)
 RS 356. World Religions: Asian Traditions (2)
 RS 357. World Religions: Western Traditions (2)

Choose one of the following:

- GK 301. Intermediate New Testament Greek (3)
 RS 440. Ancient Near Eastern History and Culture (2)
 RS 460. Noncanonical Writings and New Testament Interpretation (2)

Foundations: (required for non-Christian Ministry majors)

- BL 311. Old Testament Interpretation (3)
 PT 310. Pastoral Theology (2)
 PT 321. Spiritual Formation and Christian Discipleship (2)
 PT 371. Preaching (2)

Practicum: (required of Christian Ministry majors)

- GK 212. Elementary New Testament Greek (3); or,
 HB 212. Biblical Hebrew II (3)
 PT 396. Field Experience in Christian Ministry (1)
 PT 496. Internship in Ministry (3)

Recommended:

- PT 171. Introduction to Christian Ministry (1)
 PT 482. Pastoral Leadership (3)

Minor, Worship Leadership

Administrator: Jay Akkerman

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 15-20 credits

- CE 222. Instructional Bible Study (2)
 CO 226. Intermediate Video Production (3)
 PT 324. Worship Leadership and Practice (2)
 PT 476. Communicating the Gospel (2)
 One MU course in consultation with advisor (2 or 3)

Foundations: (required of non-Christian Ministry majors)

- PT 321. Spiritual Formation and Christian Discipleship (2)

PT 322. Worship Theory and Development (2)

PT 371. Preaching (2)

PT 471. Missional Growth and Health (2)

Practicum: (required of Christian Ministry majors)

PT 396. Field Experience in Christian Ministry (1)

PT 496. Internship in Ministry (3)

Recommended:

PT 171. Introduction to Christian Ministry (1)

PY 210. Lifespan Development (3)

Minor, Youth Ministries

Administrator: Mike Kipp

This minor with the Christian Ministry major fulfills the educational requirements for ordination in the Church of the Nazarene.

Requirements: 18-19 credits

CE 222. Instructional Bible Study (2)

CE 382. Youth Ministries (2)

CE 384. Family Ministries (2)

CE 386. Advanced Youth Ministries (2)

PT 375. Compassionate Ministries (2)

PT 388. Camping and Recreation Ministry (2)

PT 476. Communicating the Gospel (2)

Foundations: (required of non-Christian Ministry majors)

CE 181. Introduction to Christian Education (3)

PT 321. Spiritual Formation and Christian Discipleship (2)

Practicum: (required of Christian Ministry majors)

PT 396. Field Experience in Christian Ministry (1)

PT 496. Internship in Ministry (3)

Recommended:

PT 171. Introduction to Christian Ministry (1)

PY 210. Lifespan Development (3)

Course Descriptions

AC - Accounting
 AR - Art
 BI - Biology
 BL - Biblical Literature
 BU - Business
 CE - Christian Education
 CH - Church History
 CM - Chemistry
 CO - Communication Studies
 CS - Computer Science
 CU - Cultural Studies
 EC - Economics
 ED - Education
 EG - Engineering
 EN - English
 FR - French
 GE - Geography
 GK - Greek (New Testament)
 HB - Hebrew
 HS - History
 HU - Humanities
 KI - Kinesiology
 MA - Mathematics
 ML - Modern Languages
 MS - Military Science
 MU - Music
 NS - Natural Science
 NU - Nursing
 OC - Off-Campus
 PH - Physics
 PL - Philosophy
 PS - Political Science
 PT - Practical Theology
 PY - Psychology
 RS - Religious Studies
 SO - Sociology
 SP - Spanish
 ST - Study Skills Courses
 SW - Social Work
 TH - Theology

Accounting (AC)

AC . ()

AC 106. Financial Accounting (3)

An introduction to financial accounting in the business world. The emphasis is on the mechanics, basic terminology, and theoretical framework of double-entry bookkeeping, and how financial statements are prepared for external reporting. Included are topics related to the accounting model, special journals, general ledgers, and basic computer spreadsheet applications.

AC 107. Managerial Accounting (3)

An introduction to managerial accounting in the business world. The emphasis is on 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, business contraction, and expansion of product lines. Considers the time value of money, with computer applications throughout. Covers financial statements for internal use, and the statement of cash flows. **Prerequisites:** AC 106.

AC 301. Income Taxation (3)

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. **Prerequisites:** AC 107. **Offered:** Alternate years

AC 304. Cost Accounting (3)

An in-depth study of cost accounting with a managerial emphasis. Topics include a review of AC 107. (Managerial Accounting) and job-order costing systems, processcosting 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. **Prerequisites:** AC 107.

Offered: Alternate years

AC 351. Intermediate Accounting I (3)

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). 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: AC 107.

AC 352. Intermediate Accounting II (3)

A continuation of the study of certain current and long-term assets and liabilities begun in AC 351. 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. **Prerequisites:** AC 351.

AC 396. Internship in Accounting (3)

On-the-job experience involving decision-making and problem-solving techniques, skills, and knowledge acquired in the classroom. This experience is under the supervision of both a business person and professor. **Prerequisites:** Permission of the Director, Undergraduate Business Program.

AC 402. 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. **Prerequisites:** AC 352. **Offered:** Alternate years

AC 451. 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); accounting for business combinations under the pooling or purchase method, whether a statutory merger, statutory consolidation, acquisition of assets, or acquisition of stock, consolidated financial statements at date of acquisition or subsequent to date of acquisition, and special inter-company transaction eliminations in consolidations. **Prerequisites:** AC 352. **Offered:** Alternate years

STEP PROGRAM

AC 206. Financial Accounting (3)

The course studies financial accounting in the business world. Emphasis is placed on the mechanics, basic terminology and theoretical framework of double-entry bookkeeping. Included are topics relating to the preparation and updating of statements for external reporting. Accounting models are used as they relate to special journals, general ledgers, and basic computer spreadsheet applications. **Prerequisites:** Admission to the STEP Program.

AC 207. Managerial Accounting (3)

The course studies managerial accounting in the business world. Emphasis is placed on decision-making models in production and service organizations. Included are topics relating to revenue and expense centers, break-even analysis, business contraction, and product expansion. Time value of money is applied throughout the course with computer application. Preparation and updating of financial statements for internal use and statement of cash flows are covered. **Prerequisites:** Admission to the STEP Program.

Art (AR)

AR 101. A Survey of Art and Music (3)

An introduction to the stylistic characteristics and cultural climate of the important artistic epochs in art history. (See MU 101). **Fees:** Materials fee required.

AR 102. 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. This course emphasizes creative problem-solving through manipulation of various media/techniques as well as class critiques. **Fees:** Materials fee required.

AR 104. 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:** Materials fee required.

AR 119. Introduction to the Visual Arts (3)

This introductory course is designed specifically for the non-art major. Its purpose is to provide insight and understanding of art's unique technical and aesthetic contributions within the overall cultural framework. **Fees:** Materials fee required.

AR 135. Graphic Design 1: Introduction To Visual Communication (3)

An introduction to the world of 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:** AR 102, 104, or instructor's permission. **Corequisites:** AR 243 **Fees:** Material fee required.

AR 176. Fundamentals of Photography (3)

This course provides non-art majors an introductory study into camera operation and how the camera and film render and manipulate light. Basic design structure and concepts will be incorporated as well as a study of historical photographers and their work. Students must have a 35mm camera (film or digital) with manual functions. No darkroom work will be required, however, there will be photographic and written assignments. **Fees:** Materials fee required.

AR 201. 3D Design (3)

An introductory studio experience, this course examines both technical and aesthetic relationships specific to three dimensional forms. This course also emphasizes tool usage and studio safety. **Fees:** Materials fee required.

AR 205. 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:** Materials fee required.

AR 207. 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 and 3D media and methods for representing the figure. **Prerequisites:** AR 104 or instructor's permission. **Fees:** Model fee required

AR 228. 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. **Prerequisites:** AR 104. **Fees:** Materials fee required. **Offered:** Alternate years

AR 236. Graphic Design 2: Typography (3)

An exploration of typography as a vehicle for expressive communication. Exploration of visual hierarchy, principles of contract, verbal messages, and the consideration of communicative models will all be emphasized. **Prerequisites:** AR 102, 104, 135. **Fees:** Materials fee required.

AR 241. 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. **Prerequisites:** AR 102, 104. **Fees:** Materials fee required.

AR 242. Opera/Musical Theater Production (1)

Hands-on involvement in the performing of a Broadway musical, including acting, singing, choreography, stage lighting and set construction. **Prerequisites:** Audition or instructor's permission. (See MU 242). May be repeated for credit.

AR 243. Introduction to Computer Graphics (3)

An introductory digital design course emphasizing industry standard drawing, photo editing and layout computer applications. Students will gain foundational technical skills that are applied through relevant projects. **Prerequisites:** AR 241 or instructor's permission. **Corequisites:** AR 135. **Fees:** Materials fee required.

AR 276. 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, as well as a study of historical photographers and their work. Students should have a 35mm SLR camera. **Prerequisites:** AR 102 or instructor's permission. **Fees:** Materials fee required.

AR 294. Special Topics (1-3)

A concentrated study of one topic in art. **Prerequisites:** Instructor's permission. May be repeated for credit.

AR 301. Sculpture 2 (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. **Prerequisites:** AR 201. **Fees:** Materials fee required.

AR 305. 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. **Prerequisites:** AR 205. **Fees:** Materials fee required.

AR 306. Printmaking (3)

An introduction to the processes and history of printmaking. Some processes may integrate letterpress and bookbinding techniques. **Prerequisites:** AR 104. **Fees:** Materials fee required.

AR 307. Drawing 2 (3)

A continued exploration of drawing processes, materials and methods of representation. Building off of 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. **Prerequisites:** AR 104, 207 **Fees:** Materials fee required. **Offered:** Alternate years

AR 325. Art History 1 (3)

Survey of visual art and architecture from its pre-historic origins through the Gothic period. **Offered:** Alternate years

AR 328. Illustration 2: Visual Story Book (3)

A continuation of illustration 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:** AR 104, 207, 228, 241; or instructor's permission. **Offered:** Alternate years

AR 333. Teaching Art in the Elementary School (3)

This course introduces both art education and elementary education majors to theoretical and practical experiences necessary for incorporating a discipline-based art education program into the elementary school curriculum. This course may include actual practicum teaching experiences. (See ED 333). **Fees:** Materials fee required. **Offered:** Alternate years.

AR 334. Design History: Industrial Revolution to Contemporary Design (3)

An examination of the history, process and practice of design from the late 19th 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 its influences in art, architecture, science and industry. **Fees:** Additional fee required.

AR 336. 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. **Prerequisites:** AR 135, 236, 243. **Fees:** Materials fee required.

AR 341. Painting 2 (3)

A continuing exploration of painting including less conventional 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. **Prerequisites:** AR 104, 207, 241. **Fees:** Materials fee required. **Offered:** Alternate years

AR 343. Digital Photography (3)

A continuation of AR 243. This course will approach the arena of digital photography from a conventional photo experience. Students will explore digital imaging techniques and applications of acquiring, manipulating and outputting digitized photographic images using Adobe Photoshop. Emphasis will be placed on image making and will explore camera, darkroom, digital and mixed media techniques for making photo art. **Prerequisites:** AR 243, 276, or instructor's permission. **Fees:** Materials fee required.

AR 344. Introduction to Web Design (3)

Introductory experiences in the creation and production of web-based graphic forms through the use of HTML and industry-standard software applications including Adobe Dreamweaver. **Prerequisites:** AR 135, 236, 243. **Fees:** Materials fee required.

AR 350. 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. **Fees:** Material fee required.

AR 353. Teaching Art in Secondary Schools (3)

This course examines pragmatic techniques and philosophical approaches necessary to design, implement, and evaluate a comprehensive discipline-based art education program at the secondary school levels. Additionally, both historical and contemporary art education issues are examined, discussed, and evaluated. Includes opportunities for students to observe and/or teach a minimum of 20 hours in secondary classrooms. **Corequisites:** ED 351, ED 375 (See ED 353).

AR 375. Art History 2 (3)

Survey of visual art and architecture from the Renaissance through 20th century. **Offered:** Alternate years

AR 376. Photography 2 (3)

Introduction to alternative photographic processes and medium format cameras. Basic design principles are applied from Photography 1 with more creative opportunities for self expression and contextual ideas. Students will gain a working knowledge of the history of photography. Topics may include: toning, Cyanotype, VanDyke brown, Polaroid, solarization, liquid emulsion and bookbinding. **Prerequisites:** AR 276. **Fees:** Materials fee required.

AR 377. Photojournalism (3)

In this course the student will gain an overview of current photojournalism trends, and a study of classical photojournalists. The student will learn the basics in still photography and the power they have as the conveyor of information in today's media world. The photography as a means of telling a story will be approached. Ethical and moral considerations in regards to methods of photographing, digital manipulation and printing will be discussed. **Prerequisites:** AR 276, 343 or instructor's permission. **Fees:** Material fees required. **Offered:** Alternate years

AR 403. Sculptural Installation (3)

This course is designed for all junior and senior studio art majors. The purpose of this course is to explore both traditional and non-traditional art media in site-specific and/or installation formats. Students will begin with group installations and the course will culminate in each student executing at least one major individual installation art work. **Prerequisites:** AR 102, 201. **Fees:** Materials fee required. **Offered:** Alternate years

AR 425. Contemporary Art History (3)

The history of visual art and architecture in the 21st century including a survey of Art Criticism and Theory. Focus on the development of contemporary art and its relationship to experience as a defining factor; exploration of the impact and implications for current art production and reception. Exposure to contemporary art through field trips to galleries and museums. **Fees:** Material fee required.

AR 436. 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, editorial design, logotypes, and corporate identity campaigns. **Prerequisites:** AR 135, 236, 243, 334, 336. **Fees:** Materials fee required.

AR 444. Advanced Web Design (3)

Advanced web design course with emphasis on the construction of dynamic commercial websites with additional consideration of theories of interactivity and usability on the web. Course will also focus on the development of technical skills using industry-standard applications including Adobe Flash. **Prerequisites:** AR 135, 236, 243. **Fees:** Materials fee required. **Offered:** Alternate years

AR 450. 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. **Fees:** Materials fee required.

AR 487. Senior Exhibition (1-3)

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 of their work culminating in a solo or group exhibition in the Friesen Galleries. Studio majors, or design majors planning on having a solo exhibition, must register for 3 credits their senior year. Design students must register for 1 credit. **Fees:** Additional fee required.

AR 494. Special Topics (1-3)

A concentrated study of one topic in art. **Prerequisites:** Instructor's permission. May be repeated for credit.

AR 496. Internship (3)

Course designed to give students hands-on working experience in the professional art and design world. Course is normally taken in the junior year. A minimum of 135 hours required. **Prerequisites:** Junior classification.

Biology (BI)

BI 103. Earth Science (3)

Study of the earth's crust and mantle with emphasis on the physical and chemical processes at work in the earth. The principle of uniformity and the rock cycle are used to study formation and transformation of rocks and minerals. Topics on erosion,

volcanism, earthquakes and mountain building are included; weather and climate are included whenever pertinent. Although designed primarily for non-science majors, all students may take this course. **Corequisites:** BI 103L

BI 103L. Earth Science Laboratory (1)

A laboratory course taught in connection with BI 103. Field and laboratory activities are included. **Corequisites:** BI 103 **Fees:** Additional fee required

BI 106. 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.

BI 106L. Human Biology Laboratory (1)

A laboratory study, using selected topics relating to the human body, which is intended to be taught in connection with BI 106. This course does not apply toward major requirements in biology. **Corequisites:** BI 106 **Fees:** Additional fee required

BI 196. Clinical Observation (1)

Designed to provide an observation experience in physical therapy or athletic training settings. **Prerequisites:** Instructor's permission. (See KI 196). May be repeated for credit.

BI 201. 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:** BI 120L

BI 201L. 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. **Corequisites:** BI 201 **Fees:** Additional fee required

BI 203. 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:** BI 203L

BI 203L. 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. **Corequisites:** BI 203 **Fees:** Additional fee required

BI 222. General Biology I (3)

A survey of the basic concepts of biology with emphasis on cellular processes, genetic principles and man's place in nature. This course is designed for students who intend to major in the sciences and those in pre-medicine and related fields. **Corequisites:** BI 222L

BI 222L. General Biology I Laboratory (1)

A laboratory study of the basic concepts of biology with emphasis on cellular processes, genetic principles and man's place in nature. **Corequisites:** BI 222 **Fees:** Additional fee required

BI 223. 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:** BI 223L

BI 223L. General Biology II Laboratory (1)

A laboratory study of the basic concepts of biology, using selected topics relating to the biodiversity of life. **Corequisites:** BI 223 **Fees:** Additional fee required

BI 242. Microbiology (3)

A survey of the biology of the various microorganisms, with special emphasis on the disease causing bacteria. This course does not apply toward major requirements for biology. **Prerequisites:** CM 121 **Corequisites:** BI 242L

BI 242L. Microbiology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 242. This course does not apply toward major requirements for biology. **Corequisites:** BI 242 **Fees:** Additional fee required

BI 294. 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 permission.

BI 316. Plant Taxonomy (3)

A study of the principles of plant classification with emphasis on collection and identification of native and introduced vascular plants. Recommended as background: BI 221. **Corequisites:** BI 316L **Offered:** Alternate years

BI 316L. Plant Taxonomy Laboratory (1)

A laboratory oriented to the identification and field study of native and introduced plants, which is intended to support BI 316.

Corequisites: BI 316 **Fees:** Additional fee required

BI 324. 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:** BI 221, 222 or Instructor's permission.

BI 330. Vertebrate Zoology: Ectotherms (3)

A survey of the structure, function, ecology and systematics of ectothermic/poikilothermic vertebrates (traditionally ichthyology and herpetology). Representative taxa from the Pacific Northwest will provide context for these explorations. Course will include considerable emphasis on identification of Idaho fish, amphibian and reptile species. **Prerequisites:** BI 221, 222 or Instructor's permission **Corequisites:** BI 330L **Offered:** Alternate years

BI 330L. Vertebrate Zoology: Ectotherms Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 330. **Corequisites:** BI 330 **Fees:** Additional fee required **Offered:** Alternate years

BI 332. Vertebrate Zoology: Endotherms (3)

A survey of the structure, function, ecology and systematics of endothermic/homeothermic vertebrates (traditionally ornithology and mammalogy). Representative taxa from the Pacific Northwest will provide context for these explorations. Course will include considerable emphasis on identification of Idaho bird and mammal species. **Prerequisites:** BI 221, 222 or Instructor's Permission **Corequisites:** BI 332L **Offered:** Alternate years

BI 332L. Vertebrate Zoology: Endotherms Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 332. **Corequisites:** BI 332 **Fees:** Additional fee required **Offered:** Alternate years

BI 336. Vertebrate Comparative Anatomy (3)

A comparative study of all classes of vertebrates, including organ and organ systems levels of comparison. **Prerequisites:** Recommended background: BI 221 **Corequisites:** BI 336L **Offered:** Alternate years

BI 336L. Vertebrate Comparative Anatomy Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 336. **Corequisites:** BI 336 **Fees:** Additional fee required. **Offered:** Alternate years

BI 342. General Microbiology (3)

A survey of the biology of the various microorganisms, with special emphasis on the bacteria. **Prerequisites:** BI 221, 222 **Corequisites:** BI 342L

BI 342L. General Microbiology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 342. **Corequisites:** BI 342 **Fees:** Additional fee required

BI 346. Cell Biology (3)

A study of processes common to life at the cellular level. This course deals primarily with the structure and function of eukaryotic cells and their organelles. **Prerequisites:** BI 221, 222 **Corequisites:** BI 346L

BI 346L. Cell Biology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 346. **Corequisites:** BI 346

BI 350. 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:** BI 106 or equivalent.

BI 351. Studies in Histology (1)

A supervised practical survey of normal animal cells and tissues. This is a microscopic laboratory study of all the organ systems. **Prerequisites:** BI 221, 222. **Offered:** Alternate years

BI 352. Developmental Biology (3)

An in-depth study of the processes of vertebrate development and reproduction. Gametogenesis, fertilization, cleavage, gastrulation, organogenesis and histological differentiation are discussed. **Prerequisites:** BI 221, 222 **Corequisites:** BI 352L **Offered:** Alternate years

BI 352L. Developmental Biology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 352. **Corequisites:** BI 352 **Offered:** Alternate years

BI 354. 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. **Prerequisites:** BI 221, 222, Pre/Corequisites: BI 372 **Corequisites:** BI 354L **Offered:** Alternate years

BI 354L. Immunology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 354. **Corequisites:** BI 354 **Offered:** Alternate years

BI 362. Vertebrate Physiology (3)

An in-depth survey of the basic functional principles of vertebrate organs and systems, with emphasis placed on humans.

Prerequisites: BI 221, 222 **Corequisites:** BI 362L **Offered:** Alternate years

BI 362L. Vertebrate Physiology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 362. **Corequisites:** BI 362 **Fees:** Additional fee required **Offered:** Alternate years

BI 372. 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:** BI 221, 222 **Corequisites:** BI 372L

BI 372L. Genetics Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 372. **Corequisites:** BI 372 **Fees:** Additional fee required

BI 374. 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:** BI 221, 222. Recommended as background BI 372.

BI 382. 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:** BI 201, 203; or, BI 221, 222.

BI 385. Biological Foundations of Behavior (3)

A comprehensive study of the neural processes underlying brain function and behavior. A major emphasis is placed on an understanding of basic brain organization and function, and the neural substrates of emotion, motivation and learning.

Prerequisites: Recommended as background: BI 201, 203; or, 221 (See PY 385) **Corequisites:** BI 385L **Offered:** Alternate years

BI 385L. Biological Foundations of Behavior Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 385. **Corequisites:** BI 385 **Fees:** Additional fee required **Offered:** Alternate years

BI 392. Cadaver Dissection I (1)

A directed dissection of human cadavers focusing on integumentary, muscular and nervous system anatomy. **Prerequisites:** Instructor's permission.

BI 393. Cadaver Dissection II (1)

A directed dissection of human cadavers focusing on cardiovascular, respiratory, digestive, urinary and reproductive system anatomy. **Prerequisites:** Instructor's permission

BI 394. 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 permission.

BI 397. Research (1-3)

Involves the participation of the students with a faculty member in an individual investigative project or literature review.

Prerequisites: Instructor's permission. May be repeated for up to 4 credits.

BI 420. Birds of Prey (3)

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. This course can be used as general education laboratory credit.

BI 424. 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, sampling and estimating community parameters, will be applied and technologies such as geographical information systems (GIS) and the global

positioning system (GPS) will be explored. **Prerequisites:** BI 324 or Instructor's permission **Corequisites:** BI 424L **Offered:** Alternate years

BI 424L. Field Ecology Laboratory (1)

A study of selected topics in laboratory and field settings, which is intended to be taught in connection with BI 424.

Corequisites: BI 424 **Fees:** Additional fee required **Offered:** Alternate years

BI 441. 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, cell metabolism, and molecular genetics. An in-depth survey of the major areas of biochemistry. **Prerequisites:** CM 322.

BI 441L. 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.

Prerequisites: BI 441 **Corequisites:** BI 441 **Fees:** Additional fee required

BI 442. Biochemistry II (3)

A qualitative and quantitative study of the molecular basis of biological function. Major topics include biomolecular structure and behavior, proteins and enzymes, membranes, cell metabolism, and molecular genetics. An in-depth survey of the major areas of biochemistry. **Prerequisites:** BI 441. **Offered:** Alternate years

BI 472. Advanced Molecular Biology (3)

This course introduces students to advanced concepts of molecular biology. One of the larger goals of modern molecular biology is to elucidate the connections between the genotype (the sequence of nucleotide base-pairs in the organism's genome) and the phenotype (observable traits and behaviors) of all organisms in terms of a general and comprehensive molecular theory. Topics include molecular structure of genes and chromosomes, transcriptional and post-transcriptional control of gene expression, cell signaling, metabolism of proteins and lipids, apoptosis, cancer, molecular genetic techniques etc. **Prerequisites:** BI 221, 222 and 372 **Corequisites:** BI 472L **Offered:** Alternate years

BI 472L. Advanced Molecular Biology Laboratory (1)

A study of selected topics in a laboratory setting, which is intended to be taught in connection with BI 472. **Corequisites:** BI 472 **Fees:** Additional fee required **Offered:** Alternate years

BI 494. 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 permission.

BI 496. Internship in Physical Therapy (1-4)

A supervised, practical work experience in physical therapy. The pre-physical therapy student works with registered physical therapists in clinical settings. By exposure to a variety of skills and settings the student gains an understanding of the profession of Physical Therapy. May be repeated for credit. **Prerequisites:** Junior classification, Instructor's permission, a cumulative grade point average of 3.25. May be repeated for credit.

BI 498. Senior Seminar (1)

This experience is required of seniors completing the B.S. in Biology degree and involves the written and oral presentation of work completed in BI 397. This course is optional for students completing biology degrees other than the B.S. in Biology.

Biblical Literature (BL)

BL 111. 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: HU 101, EN 102. (or as prerequisites)

BL 311. Old Testament Interpretation (3)

A study of the history, methods, and principles of Old Testament interpretation designed for majors in the Departments of Philosophy and Religion and other interested students. Students will learn how to interpret different genre within the Old Testament and how to create sermon/devotional ideas from each. Other topics include the authority of the Old Testament and the relationship between the Testaments. **Prerequisites:** BL 111.

BL 312. New Testament Interpretation (2)

A study of the methods and principles of New Testament interpretation designed for majors in the Departments of Philosophy and Religion and other interested students. Part of the course will focus on practical application to selected New Testament passages. **Prerequisites:** BL 111, BL 311, or instructor's approval.

BL 322. 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:** BL 111, TH 211.

BL 323. 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:** BL 111, TH 211.

BL 326. 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:** BL 111, TH 211.

BL 327. 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:** BL 111, TH 211.

BL 394. Topics in Biblical Literature (1-3)

An examination of some phase of Old or New Testament studies not covered in other courses. May be repeated for credit.

Prerequisites: BL 111, TH 211.

BL 425. Parables of Jesus (2)

An exegetical study of the parables of Jesus in the Synoptic Gospels, with some attention to their interpretation in the past and present. The course considers the meaning and significance of the parables in the contexts of the life and ministry of Jesus, the Gospels, and of contemporary Christians. **Prerequisites:** BL 111, TH 211. **Offered:** Every third year.

BL 431. Luke and Acts (2)

An in-depth study of the Gospel of Luke and the book of Acts. The course will give specific attention to Luke's Gospel within the canonical context of the Synoptic Gospels, to Acts as it relates to the letters of the New Testament, to issues of continuity between Luke and Acts, and to the development of literary/narrative exegetical methods. **Prerequisites:** BL 111, TH 211.

Offered: Alternate years.

BL 433. Pauline Epistles (2)

An in-depth study of selected letters of Paul with the historical background provided by Acts. The course will emphasize the occasion, purpose and theological message of one or two different letters on a rotating basis. May be repeated for credit.

Prerequisites: BL 111, TH 211. **Offered:** Alternate years.

BL 441. History of Ancient Israel (2)

An in-depth study of the history and archaeology of the Hebrew people beginning with formative principles in the Patriarchal period and ending with the Reconstruction period of Ezra. Israel's interrelations with other ancient Near Eastern nations will also be discussed. **Prerequisites:** BL 111, TH 211. **Offered:** Alternate years.

BL 442. Hebrew Prophets (2)

An exegetical study of the prophets of the Old Testament. The course will include an overview of the history of the prophetic movement and the primary message of each writing prophet. One or two books will be studied in-depth as a foundation for sermon building. **Prerequisites:** BL 111, TH 211. **Offered:** Alternate years.

STEP PROGRAM**BL 112. Survey of the Bible (3)**

An introductory survey of the Old and New Testaments. This course will focus on the literature of the Bible and the history of the biblical period. **Prerequisites:** Admission to the Step Program.

BL 313. Studies in Biblical Literature (3)

An in-depth study of selected biblical books or genres. The course will include a spiritual formation emphasis. The specific focus of the class will be determined by the instructor and announced as the course subtitle. **Prerequisites:** Admission to the Step Program.

Business (BU)**BU 111. Business Seminar (3)**

Survey of the field of business including organizing and managing businesses; managing human resources; marketing, introducing financial issues including accounting, money and banking, securities markets; business issues, business ethics and international business.

BU 217. Computer Applications in Business (3)

Introduction to computers as a tool for business including fundamental concepts of information technology and the use of business application software including word processing, spreadsheets, database, graphics, electronic communications, and World Wide Web. **Prerequisites:** Computer proficiency.

BU 222. Business Communication (3)

Study of the process and objectives of effective business writing and presentations. The course includes a review of English composition of basic business correspondence and e-systems.

BU 233. Math for Business and Finance (3)

An introductory course to statistical theory and applications for business decision-making purposes. 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:** ACT Math score of 21 or higher or have passed MA 095 Intermediate Algebra or instructor's permission.

BU 294. Special Topics (1-3)

Study of some areas not covered in other business courses.

BU 296. Field Experience in Business (1-3)

Designed to provide an introductory experience as a leader in various business settings. Consists of involvement in various community projects, both as an observer and as a participant. The component includes 30-40 hours per credit when completed. May be repeated for credit in a different setting. **Prerequisites:** Permission of the Director, Undergraduate Business Program.

BU 301. Personal Finance and Stewardship (3)

A study and application of planning and organizing personal finances. The class will also discuss 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. (See EC 301)

BU 303. Management Information Systems (3)

The course considers management information systems from the manager's viewpoint as well as that of the accountant and data processing professional. Topics include: introductory concepts, hardware and software resources, many 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.

BU 341. Business Law I (3)

Study of the present day law of business in the United States as it relates to contracts, sales, agency, the legal environment, and selected topics. Ethical considerations and international topics are also discussed.

BU 342. Business Law II (3)

Study of the present day law of business in the United States as it relates to corporations, agency, and negotiable instruments. Emphasis is also given to legal principles as they apply to partnerships, corporations, and non-corporate associations. Ethical considerations and international topics are also discussed. **Prerequisites:** BU 341. **Offered:** Alternate years

BU 351. 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.

BU 353. Marketing Communications (3)

The 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. **Prerequisites:** BU 351. **Offered:** Alternate years

BU 355. Sales Management (3)

Functional aspects of sales force management, personal selling methods, procedures for recruiting, selecting, and training new salespeople, compensation and expense control systems, problems of sales force motivation and supervision; methods of territorial and quota assignment, sales department budgets, distributor-dealer relations, and other selected topics. **Offered:** Alternate years

BU 358. Retail Management (3)

Study of the operation and management of retail organizations. Topics include location, layout, pricing, promotion, and purchasing. **Prerequisites:** BU 351. **Offered:** Alternate years

BU 364. 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.

BU 365. Human Resource Management (3)

Strategic issues in managing human resources, 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

BU 371. Financial Management (3)

Introduction to financial management, including 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:** AC 107, EC 241, and BU 233 or ACT Math of 21. Offered yearly.

BU 377. 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. (See EC 377)

BU 381. Business Ethics (3)

This course covers the ethical aspects from a Christian perspective of management decision making which pose fundamental questions about executive decisions and the human impact of corporate power.

BU 394. Special Topics (1-3)

Study of some areas not covered in other business courses. May be repeated for credit.

BU 396. Internship in Business (3)

On-the-job experience involving decision-making and problem-solving techniques, skills and knowledge acquired in the classroom. This experience is under the supervision of both a business person and professor. **Prerequisites:** Permission of the Director, Undergraduate Business Program.

BU 456. Marketing Metrics (3)

Integrated course that examines Consumer Behavior theory and develops the marketing research skills needed to measure customers' attitudes and predict their behavior. **Prerequisites:** BU 233, or MA 224. **Offered:** Alternate years

BU 459. 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. **Prerequisites:** BU 351. **Offered:** Alternate years

BU 460. Global Business Strategies (3)

The course will cover the structure of global operations, methods, and techniques of licensing, joint ventures, and parent-subsidaries. **Prerequisites:** BU 364. **Offered:** Alternate years

BU 461. 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.

BU 467. Organizational Behavior (3)

A study of the effects of organizational structure and style on morale, productivity, and efficiency. **Prerequisites:** BU 364. **Offered:** Alternate years

BU 469. 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.

BU 496. Field Experience in Business (1-3)

Designed to provide an introductory experience as a leader in various business settings. Consists of involvement in various community projects, both as an observer and as a participant. The component includes 30-40 hours per credit when completed. May be repeated for credit in a different setting. **Prerequisites:** Permission of the Director, Undergraduate Business Program.

BU 498. Senior Seminar In Business (3)

Applications seminar requiring students to utilize various business concepts. The main emphasis of the course will be on entrepreneurial research projects, but additional topics of current interest in business will be covered. **Prerequisites:** Business or accounting major with senior classification and instructor's permission.

STEP PROGRAM

BU 311. Junior Seminar (3)

Overview of the business field. Management, marketing, human resources, financial management, accounting, business ethics, and international business will each be explored. Specific consideration will be given to how each of the functional areas work together to provide synergy for the firm. **Prerequisites:** Admission to the STEP Program.

BU 317. Computer Applications in Business (3)

Key computer applications used in the business environment today will be covered. Topics covered include word processing, spreadsheets, databases, graphics, electronic communications, and the World Wide Web. In addition to understanding the individual computer applications, students will observe how the applications fit within the organizational information system structure. **Prerequisites:** Admission to the STEP Program.

BU 322. Business Communication (3)

The course compares and contrasts business communications to other communication models. Both oral and written business communication topics will be covered. Attention will be given to communication through electronic business channels.

Prerequisites: Admission to the STEP Program.

BU 333. Mathematics for Business and Finance (3)

An applied course that examines mathematical principles in the context of business decision making. Mathematical topics will be applied to several functional areas including operations management, business forecasting, and finance. Statistics and probability will be reviewed. Other topics include compound interest, time value of money, and linear programming. Fulfills the General Education Mathematics Competency requirement. **Prerequisites:** ACT Math score of 21 or higher or have passed MA 095 Intermediate Algebra or instructor's/director's permission.

Christian Education (CE)

CE 181. Introduction to Christian Education (3)

An introduction to the history and philosophy of the educational work of the church. The various programs of Christian education will be introduced. **Corequisites:** PT 125.

CE 222. Instructional Bible Study (2)

A Bible study course that will examine and apply appropriate methods for teaching the Bible. Opportunity is given to develop personal skills in teaching and leading small group Bible studies. **Offered:** Alternate years.

CE 294. Topics in Christian Ministries (1-3)

A workshop approach to aspects and problems of religious education and/or compassionate ministries. Topics and coordinators will vary. May be repeated for a different topic.

CE 381. Children's Ministries (2)

A study of the characteristics of children; an introduction to their spiritual needs and their development; the challenge of the church in meeting their total needs.

CE 382. Youth Ministries (2)

A study of those activities related to the church, which involve youth. The course is particularly designed to aid those who are specializing in a ministry to youth. **Fees:** Additional fee required.

CE 384. Family Ministries (2)

An exploration of the principles and practices of educational ministry to families. The course will focus on the changing definition of family and the exploration of current strategies of ministry to the church as family. Attention will be given to fostering spiritual growth in families. **Offered:** Alternate years.

CE 386. Advanced Youth Ministries (2)

A study of the nature and needs of youth with special attention given to identity and faith development as well as current information from the discipline of youth ministry. **Prerequisites:** CE 382 must be taken previous year.

CE 494. Topics in Christian Ministries (1-3)

A workshop approach to aspects and problems of religious education and/or compassionate ministries. Topics and coordinators will vary. May be repeated for a different topic.

Church History (CH)

CH 241. History and Manual, Church of the Nazarene (2)

A study of the historical backgrounds and development of the Church of the Nazarene. Special attention will be given to the content and spirit of the Manual of the Church of the Nazarene.

CH 361. History of the Christian Tradition I (3)

A study of the historical development of Christianity from 150 to 1000 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. **Prerequisites:** TH 211.

CH 362. History of the Christian Tradition II (3)

A study of the historical development of Christianity from 1000 to the 21st Century. The course will trace the significant influences in history on the theological and ecclesiastical changes and maturation from the Middle Ages through the present. The student will be given opportunity to read primary sources as well as grasp the overall flow of church history. **Prerequisites:** TH 211.

CH 394. Topics in Church History (1-3)

An examination of some phase of church history not covered in other courses. May be repeated for credit.

Criminal Justice (CJ)

CJ 155. Introduction to Criminal Justice (3)

This course is an overview of the criminal justice system in the United States and covers four major content areas: the nature of crime and laws; policing and law enforcement; courts and adjudication; and corrections. See SO 252.

CJ 225. Law Enforcement and Community Policing (3)

This course examines the history and roles of the police in American society. It examines the philosophy, policy, structure, and methods of law enforcement at the local, state, and federal levels, and characteristics of effective police work, as well as contemporary issues facing law enforcement officers and agencies today.

CJ 296. Field Placement in Criminal Justice (1-2)

Supervised experience in a criminal justice setting designed to give the student practical, on-site exposure to the employment settings in the field of criminal justice. Some reading and journaling are required. May be repeated for a maximum of 4 credits.

Prerequisites: Instructor's permission.

CJ 315. 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.

CJ 325. Juvenile Justice (3)

A study of the forms, causes, and consequences of juvenile delinquency. Intervention for offenders, preventive measures, and the legal and treatment system for dealing with juveniles will also be studied. The course is designed to expose students to textual/theoretical material as well as to knowledgeable professionals from agencies in the community. See SO 253.

CJ 355. Criminology (3)

This course is designed to introduce students to criminology as a field of study, and to the theories that attempt to explain criminal behavior from social, economic, biological, and personality and individual perspectives. It includes study of the types of crime, and the classes and nature of offenders; and methods for treating offenders and preventing crime.

CJ 394. Topics in Criminal Justice (3)

A variety of courses designed to provide theoretical knowledge and practical experience to enhance the preparation of students in the criminal justice program. May be repeated for credit for different topics.

CJ 425. 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.

CJ 435. Criminal Law (3)

The course provides an introduction to the criminal law, including an historical overview and an introduction to 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.

CJ 496. Internship in Criminal Justice (3-15)

This course requires 45 hours per credit in an approved setting of intensive experience-based learning designed to give students in-depth, work-setting related knowledge of one 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. **Prerequisites:** Junior standing and instructor's permission.

Chemistry (CM)

CM 106. Chemistry for Citizens (3)

An examination of the role of chemistry in today's society: historical aspects, technological advances, industrial applications, environment and ecology applications. No prior knowledge of chemistry is assumed.

CM 106L. Chemistry for Citizens Laboratory (1)

An application and exploration of the principles and techniques described in CM 106. **Corequisites:** CM 106 **Fees:** Additional fee required

CM 120. Principles of General Chemistry (3)

This course will prepare a student for entry into CM 121 or CM 221. A grounding in major principles of general chemistry including atoms, nomenclature, molecular structure, bonding and stoichiometry. No prior knowledge of chemistry is assumed.

Prerequisites: High school algebra.

CM 120L. Principles of General Chemistry Laboratory (1)

An application and exploration of the principle techniques described in CM 120. **Corequisites:** CM 120

CM 121. 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. **Prerequisites:** High School chemistry or CM 120 **Corequisites:** CM 121L

CM 121L. Principles of Organic and Biochemistry Laboratory (1)

An application and exploration of the principles and techniques described in CM 121. **Corequisites:** CM 121 **Fees:** Additional fee required

CM 221. 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: NNU math proficiency **Corequisites:** CM 221L

CM 221L. General Chemistry I Laboratory (1)

An application and exploration of the principles and techniques described in CM 221, including physical properties, stoichiometry, gas laws and thermochemistry. An emphasis is placed on basic laboratory techniques and sensor-based data acquisition. **Corequisites:** CM 221 **Fees:** Additional fee required

CM 222. 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:** CM 221.

Corequisites: CM 222L

CM 222L. General Chemistry II Laboratory (1)

An application and exploration of the principles and techniques described in CM 222, including equilibrium, acids, bases, kinetics, thermodynamics, and electrochemistry. Emphasis is placed on safety and report writing. Includes qualitative analysis.

Corequisites: CM 222 **Fees:** Additional fee required

CM 261. 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:** CM 222. **Corequisites:** CM 261L

CM 261L. Analytical Chemistry Laboratory (1)

A laboratory exploration to complement the topics and techniques in CM 261. Includes sampling, statistics, chemical, titration, and electrochemical methods, with an emphasis on using spreadsheets to simulate and analyze. **Corequisites:** CM 261 **Fees:** Additional fee required

CM 294. 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 permission.

CM 321. Organic Chemistry I (3)

An in-depth analysis of modern organic chemistry including structure, bonding, stereochemistry, reactions, mechanisms, synthesis and spectroscopy. **Prerequisites:** CM 222 **Corequisites:** CM 321L

CM 321L. Organic Chemistry I Laboratory (1)

A laboratory application of the principles and techniques described in CM 321. 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. **Corequisites:** CM 321 **Fees:** Additional fee required

CM 322. Organic Chemistry II (3)

A continuation of CM 321 Organic Chemistry I. **Prerequisites:** CM 321 **Corequisites:** CM 322L **Fees:** Additional fee required.

CM 322L. Organic Chemistry II Laboratory (1)

A continuation of CM 321L Organic Chemistry I Laboratory. **Prerequisites:** CM 321L **Corequisites:** CM 322 **Fees:** Additional fee required.

CM 331. 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. **Prerequisites:** CM 222. **Offered:** Alternate years

CM 351. Thermodynamics and Kinetics (3)

A survey of thermodynamics, equilibria, and kinetics with emphasis on concepts and applications in chemistry, biochemistry and materials. **Prerequisites:** CM 222 and MA 151 or MA 251. **Offered:** Alternate years

CM 362. 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. **Prerequisites:** CM 222.

CM 394. 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 permission.

CM 461. 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. **Prerequisites:** CM 362. **Fees:** Additional fee required

CM 471. 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:** CM 322.

CM 472. Advanced Organic Chemistry (3)

Advanced study of organic chemistry, including reaction mechanism, total synthesis and molecular orbital theory. **Prerequisites:** CM 322.

CM 494. 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 permission.

CM 497. Research (1-6)

A capstone experience consisting of a faculty supervised independent investigative project. **Prerequisites:** Permission of the Department Chair.

CM 498. Senior Seminar (1)

An oral and written communication of the research project. **Prerequisites:** Permission of the Department Chair

Communication Studies (CO)

CO 101. Introduction to Communication (3)

An introduction to the foundations of the field of communication. The course will give an introduction to the communication process, communication theories, areas of communication, and how communication effects society and research in the field.

CO 121. Introduction to Public Speaking (2)

An introduction to verbal communication in groups, listening, and public speaking. Emphasis will be placed on speaking with delivery issues, speech construction, audience connection, and the communication process.

CO 126. Introduction to Video (1)

This course is designed as an interdisciplinary, basic approach to video production for Mass Communication majors as well as any other students who would like to learn basic video production skills. Emphasis is placed on telling a story through the visual media, including introduction to composition, camera movement, audio, lighting, and editing.

CO 131. Oral Interpretation (3)

Understanding the intellectual, emotional, and aesthetic aspects of literature with emphasis on its communication to the listener.

CO 142. Introduction to Public Relations (3)

An introduction to the theory, research, and practical aspects of public relations. Emphasis will be placed on the process of public information dissemination in business, industrial, educational and social organizations. **Offered:** Alternate years.

CO 201. Small Group Communication (3)

An approach to small group communication theory with emphasis on identifying and developing appropriate communication strategies for various group situations. **Offered:** Alternate years.

CO 202. Media Systems and Literacy (3)

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.

CO 203. Interpersonal Communication (3)

An introduction to interpersonal communication theories, research and practice. Focus is on influences and effects of our interpersonal relationships and to improve our communication.

CO 205. History of Film and Television (2)

A survey of the development of technology, programming and business of both motion pictures and television. Includes a study of the major personalities, scandals and events which shaped both industries. **Offered:** Alternate years

CO 212. Communication Activities (1)

Opportunities for Communication and Mass Communication majors as well as non-majors to prepare for and participate in a variety of communication activities, including forensics, drama, and productions. Specific options include, but are not limited to, the Fall Play, Junior Class Play, Reader's Theater, major television and film productions, and the forensics team. **Prerequisites:** Instructor's permission. May be repeated for credit.

CO 225. Introduction to Scriptwriting (3)

A survey of the process, forms, and techniques for writing scripts for non-fiction applications. This includes advertising, news and documentary, corporate training and promotion. Course includes lecture, scriptwriting exercises and labs, and analysis and critique of student work.

CO 226. Intermediate Video Production (3)

Study of the roles and processes in studio and remote video production. This includes the technical and creative aspects of producing, directing, camera, lighting, sound, editing, graphics, and basic engineering for television. Course includes traditional lecture, lab exercises, CD-ROM instruction, and individual and group video projects. **Fees:** Additional fee required.

CO 228. Audio For Film and Television (2)

A lab course involving student production of voice, vocal music, and instrumental music 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. **Prerequisites:** Instructor's permission. **Fees:** Additional fee required.

CO 260. Introduction to Performance (3)

Beginning level exploration and development of live performance. Includes theories and practice of acting and directing. Projects and exercises will be used to incorporate performance and drama in various settings including school, church, stage, and broadcasting.

CO 294. Topics in Communication Studies (1-3)

A concentrated study of one topic in communication studies. **Prerequisites:** Instructor's permission. May be repeated for credit.

CO 295. Internship in Communication Studies (1-2)

Supervised internship or research in communication. A student may select: (1) a professional internship - 100 clock hours minimum; or, (2) a major research project. Either 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.

CO 301. Producing Film and Television (2)

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:** CO 226. **Fees:** Additional fee required. **Offered:** Alternate years.

CO 302. 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. **Offered:** Alternate years.

CO 303. Film Theory and Criticism (3)

Survey of narrative and documentary motion pictures, from Edison and Lumiere to the present. Course covers the structural and aesthetic trends of motion pictures through the viewing and analysis of selected classic films that exemplify these trends.

Offered: Alternate years.

CO 305. Nonverbal Communication (2)

Study of the types and effects of nonverbal communication in our lives including: touch, space, physical appearance, movement, facial expression, vocalics, and artifacts. **Prerequisites:** CO 203. **Offered:** Alternate years.

CO 312. Advanced Communication Activities (1)

Advanced opportunities for Communication and Mass Communication majors as well as non-majors to prepare for and participate in a variety of communication activities, including forensics, drama, and productions. Specific options include, but are not limited to, the Fall Play, Junior Class Play, Reader's Theater, major television and film productions, and the forensics team. **Prerequisites:** CO 212 or instructor's permission. May be repeated for credit.

CO 321. Advanced Public Speaking (3)

A course designed to enable students to improve their public speaking techniques. Emphasis will be placed both on theory and skill development. **Prerequisites:** CO 121 or instructor's permission. **Offered:** Alternate years.

CO 325. Advanced Screenwriting (3)

An advanced seminar approach to screenwriting, covering writing for narrative and documentary TV/film. Students write scripts for documentaries and teleplays/screenplays. **Prerequisites:** CO 225 or instructor's permission. **Fees:** Additional fee required.

Offered: Alternate years.

CO 326. Advanced Television Production (3)

Advanced techniques and concepts of both single and multi-camera television production using the mediums of standard and hi-def video. Includes technical and engineering issues, commercial and program development, and advanced techniques in lighting, composition, audio recording, camera movement and post-production. **Prerequisites:** CO 226 or instructor's permission. **Fees:** Additional fee required.

CO 328. Media Law and Ethics (3)

Survey of media law and ethics and their relevance to the concerns of consumers and producers of mass media. Course includes the following topics: First Amendment, libel, censorship, privacy, copyright and regulation of broadcast, cable, the Internet, and ethical dilemmas and issues involved in the mass media. **Prerequisites:** CO 202 or instructor's permission. **Offered:** Alternate years

CO 329. Intermediate Post-Production (2)

A lab course designed to familiarize the student with the advanced tools and techniques of the industry standard non-linear editing suites. Includes an introduction to the most popular third-party software packages for graphic design, image manipulation, and 3-D animation. **Prerequisites:** CO 326 or instructor's permission. **Fees:** Additional fee required.

CO 342. Persuasion (3)

A practical approach to the study of psychological and rhetorical principles vital to influencing human behavior. **Offered:** Alternate years.

CO 350. Argumentation and Debate (3)

Theory and practice of argumentation and debate. Research, analysis, reasoning, evidence, preparation of briefs, organization, and delivery. Intercollegiate tournament participation encouraged but not required. **Offered:** Alternate years.

CO 360. Broadcast Communication (3)

A skills-based class designed to help the student learn and perfect the skills required for communicating through the broadcast media. Emphasis will be placed on diction, presentation, poise, and organization in press conferences, reporting, and news room situations. **Offered:** Alternate years.

CO 425. Cinematography (3)

An introduction to the art and responsibilities of the Director of Photography. Students learn to interpret the story of the script through accomplished visual images on film. Topics include film emulsions, exposure and latitude, advanced lighting techniques, film camera operation, color correction, the work and art of the Director of Photography. **Prerequisites:** CO 326 or instructor's permission. **Fees:** Additional fee required.

CO 426. Film and Television Directing (3)

Advanced techniques of film style television, documentary and feature film directing. Course includes script analysis, studio and location shooting, and interpretation of story through the direction of image making and actor performance. Students work together to direct a short feature or documentary on film or hi-def video. **Prerequisites:** CO 425. **Fees:** Additional fee required.

CO 444. 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.

CO 461. 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, culminating in original student papers and/or group research projects. **Prerequisites:** PY 364 and PY 364L. **Offered:** Alternate years.

CO 494. Topics in Communication Studies (1-3)

A concentrated study of one topic in communication studies. **Prerequisites:** Instructor's permission. May be repeated for credit.

CO 495. Internship in Communication Studies (1-2)

Supervised internship or research in communication. A student may select: (1) a professional internship -100 clock hours minimum; or, (2) a major research project. Either 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.

CO 497. Senior Project (1)

A one-year capstone experience involving a research project, paper, and a major media production. Must be repeated for credit in the senior year. Required of all Mass Communication majors. **Prerequisites:** CO 426 or instructor's permission.

CO 498. Seminar in Communication Studies (1)

A senior level course which both reviews the major theories and research methods and prepares the student for a future in professional communications. Includes a review of the student's senior project, resume' building, interviewing techniques, and preparation for graduate school. **Fees:** Additional fee required.

STEP PROGRAM**CO 121. Introduction to Public Speaking (2)**

An introduction to verbal communication in groups, listening, and public speaking. Emphasis will be placed on speaking with delivery issues, speech construction, audience connection, and the communication process. **Prerequisites:** Admission to the STEP program.

Computer Science (CS)

CS 122. Introduction to Computer Science (3)

A survey course of the computer science field and an introduction to programming. Topics include: data storage and manipulation within main memory, operating systems, algorithms, programming languages, software engineering, compilers and language translation, networking, data structures, file structures, database structures, and social and legal issues. **Prerequisites:** MA 130.

CS 202. Network Fundamentals (2)

Students will gain introductory experience of networking and telecommunication fundamentals including LANs, MANs, WANs, intranets, the Internet, and the WWW. Data communication and telecommunication concepts, models, standards and protocols will be studied. Installation, configuration, systems integration and management of infrastructure technologies will be practiced in the laboratory. **Prerequisites:** CS 122.

CS 204. Web Development (2)

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. **Prerequisites:** CS 202; or, Instructor's permission.

CS 206. Computer System Maintenance (3)

An introductory course on the maintenance and repair of Intel based Personal Computers. Course content includes hardware maintenance, repair, and configuration; DOS software installation and configuration; Windows installation and configuration; and network trouble isolation as relating to the PC. The course requires working directly with the computer equipment. **Prerequisites:** Instructor's permission.

CS 222. Computer Programming in C++ (3)

Further study of the syntax and semantics of the C++ programming language using object-oriented design methodology. Problem-solving heuristic and algorithm development will be emphasized. **Prerequisites:** CS 122 **Corequisites:** CS 222L

CS 222L. Computer Programming in C++ Laboratory (1)

A required laboratory associated with CS 222. **Corequisites:** CS 222

CS 226. 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. **Prerequisites:** CS 222 **Corequisites:** CS 226L **Offered:** Alternate years

CS 226L. Event-Driven Programming Laboratory (1)

A required laboratory associated with CS 226. **Corequisites:** CS 226 **Offered:** Alternate years

CS 263. Assembly Language Programming (3)

An introduction to the basic concepts of a computer system and its architecture using the 80x86 microprocessor. This includes memory, control, and arithmetic logic unit (ALU) interactions. Instruction types, formats, and data representation are studied. **Prerequisites:** CS 222.

CS 275. Data Structures (3)

Introduction to commonly used computer data structuring techniques. Topics include graphs, stacks, queues, lists, trees, sorting, searching, and memory management. **Prerequisites:** CS 222.

CS 294. Topics in Computer Programming (1-4)

An intensive study of one programming language not covered in other courses. **Prerequisites:** Instructor's permission. May be repeated for credit.

CS 333. 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. **Prerequisites:** CS 275, MA 231. **Corequisites:** CS 333L **Offered:** Alternate years

CS 333L. Database Design and Programming Laboratory (1)

A required laboratory associated with CS 333. **Corequisites:** CS 333 **Offered:** Alternate years

CS 337. 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. **Prerequisites:** CS 222. **Offered:** Alternate years

CS 343. 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. **Prerequisites:** CS 263, 275. **Offered:** Alternate years

CS 344. Operating Systems II (3)

A continuation of CS 343 Operating Systems I. **Prerequisites:** CS 343. **Offered:** Alternate years

CS 353. 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. **Prerequisites:** CS 263 & CS 275 **Corequisites:** CS 353L **Offered:** Alternate years

CS 353L. Computer Graphics Laboratory (1)

A required laboratory associated with CS 353. **Corequisites:** CS 353 **Offered:** Alternate years

CS 363. Networks and Data Communications I (3)

A study of digital data communication in computer networks. The problems, rationales, and possible solutions for various communications protocols will be discussed as well as OSI model and various network protocols. **Prerequisites:** CS 263, CS 275. **Offered:** Alternate years

CS 364. Networks and Data Communications II (3)

A continuation of CS 363 Networks and Data Communications I **Prerequisites:** CS 363. **Offered:** Alternate years

CS 365. Networks and Data Communications III (3)

A continuation of CS 364 Networks and Data Communications II. **Prerequisites:** CS 364. **Offered:** Alternate years

CS 394. Special Topics in Computing (1-4)

A study of some areas not covered in other computing courses. **Prerequisites:** Instructor's permission. May be repeated for credit.

CS 397. Introduction to Senior Project (1)

Presentation of possible topics for the senior software development project. Discussion of the style of the written paper and oral presentation. Methods of collecting background information and data will be presented. Attendance at Senior Seminar presentations is required. **Prerequisites:** Junior classification, Computer Science major.

CS 443. 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. **Prerequisites:** CS 275, 263. **Offered:** Alternate years

CS 468. Software Development Project (4)

An application of the computer programming and system development concepts, principles, and practices to a comprehensive systems development project. The student may work individually or as a part of a team in the development of a significant software project. **Prerequisites:** Senior classification, CS 397.

CS 498. Senior Seminar (1)

Required of and limited to senior students. The seminar involves the written and oral presentation of the research project completed in CS 468. **Prerequisites:** CS 468. Must be taken at NNU.

Cultural Studies (CU)

CU 394. Topics in Cultural Studies (1-3)

Cultural studies topics courses introduce material of particular relevance to the core curriculum in cultural studies. Topics courses are offered on a rotating basis, and include such content as: gender and identity, inter-cultural communication, and cultural identity in modernity. Students will research various topics within the areas of sociology and cultural studies. May be repeated for credit.

CU 494. Topics in Cultural Studies (1-3)

Cultural studies topics courses introduce material of particular relevance to the core curriculum in cultural studies. Topics courses are offered on a rotating basis, and include such content as: gender and identity, inter-cultural communication, and cultural

identity in modernity. Students will research various topics within the areas of sociology and cultural studies. May be repeated for credit.

Economics (EC)

EC 101. Personal Finance (3)

An introduction to personal economics decision making with emphasis 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.

EC 105. Analysis of Economic Issues (3)

Introduction to the theory of supply and demand, and application of this theory to economic issues such as social security, crime, medical care, poverty, higher education, economic systems, pollution, big business, free trade, the U.S. national debt, and economic growth. **Prerequisites:** ACT mathematics score of 20 or better; or, a college level mathematics course.

EC 241. Microeconomic Analysis (3)

A study and application of microeconomic analysis; includes supply, demand, pricing, consumer choice, and international concerns.

EC 242. Macroeconomic Analysis (3)

A study and application of macroeconomic analysis; includes gross national product, national income, consumption, investment, inflation, and economic growth and development, and international applications.

EC 301. Personal Finance and Stewardship (3)

A study and application of planning and organizing personal finances. The class will also discuss 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. (See BU 301)

EC 315. Managerial Economics (3)

An application of tools of microeconomics to decision making by managers. 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. **Prerequisites:** EC 241. **Offered:** Alternate years

EC 351. Money and Financial Institutions (3)

A study of monetary economics: 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. **Prerequisites:** EC 242; or, instructor's permission. **Offered:** Alternate years

EC 377. 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. (See BU 377)

EC 394. Topics in Economics (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. **Prerequisites:** Instructor's permission. May be repeated for credit.

EC 405. Global Economics (3)

A survey of the theory and practice of international trade and finance around the world. Includes examination of problems of developed and less developed countries in the world economy, 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. **Prerequisites:** EC 241, 242, or instructor permission. **Offered:** Alternate years

STEP PROGRAM

EC 341. Microeconomic Analysis (3)

A study of economics as it relates to the firm and other individual decision making units in the economy. Students will explore pricing policy, supply and demand issues, and economic drivers of consumer decision processes. Students will discuss the topics in the context of practical business settings. **Prerequisites:** Admission to the STEP Program.

EC 342. Macroeconomic Analysis (3)

A study of economic issues as they relate to the economy as a whole. Topics include gross national product, national income, consumption, investment, inflation, and economic growth. Students will examine the issues in the context of current domestic and global economic policies. **Prerequisites:** Admission to the STEP Program.

Education (ED)

ED 110. Introduction to Teaching (1)

Exploration of the rewards and challenges of the teaching profession. Course includes discussion of current issues in education, a preview of the NNU education program, insights from enthusiastic educators and a 25-hour field experience at the grade level of the student's interest.

ED 211. 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. **Prerequisites:** Sophomore classification. (See PY 211)

ED 275. Technology in the Classroom (2)

An introductory course in educational and computer technology designed to help students gain practical skills using application software and learn how to integrate technology in educational settings.

ED 294. Special Topics in Education (1-4)

An opportunity to study current issues in the field of education. Topics may vary. **Prerequisites:** Instructor's permission; may be repeated for credit.

ED 296. Field Experience (1)

An overview of lesson planning, principles of learning and classroom observation, and participation. The observation and participation component includes 30 hours of field experience. Student placements are based on previous field work and individual needs. **Prerequisites:** ED 110; may be taken same semester as ED 110.

ED 300. Mathematics Lab for Elementary Teachers (2)

Lab-oriented exploration of mathematical concepts to provide understanding of basic mathematical structures for elementary teacher.

ED 315. 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:** Junior classification.

ED 324. Classroom Management in Elementary Schools (3)

An in-depth study of classroom management principles and practices for elementary teachers. Focus is on equipping future teachers with knowledge and skills for effectively managing a classroom. Course includes information about motivation, classroom environment, minimizing management problems through proactive strategies and systematically modifying inappropriate behavior. **Prerequisites:** Admission to teacher education; junior classification.

ED 325. Fundamentals of Reading (3)

An in-depth study of the essential components necessary for developing literacy capabilities of elementary children. Focus includes research-based practices to develop word recognition, fluency, and comprehension. Course includes a 25-hour practicum in an elementary classroom during which the student observes the set up and administration of a reading program and participates in reading instruction. **Prerequisites:** Admission to teacher education; junior classification.

ED 326. Content Literacy in Elementary Classrooms (3)

An exploration of principles and strategies for helping elementary 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 students as they interact with text.

Prerequisites: Admission to teacher education; junior classification.

ED 331. Teaching the Bilingual/Bicultural Child (1)

Exploration of the unique cultural values of children and families whose primary language is not English and study of teaching strategies for helping all students to succeed. Course includes a 15-hour multicultural field experience. Fulfills a General Education Tier II Cross-Cultural Experience.

ED 333. Teaching Art in the Elementary School (3)

Introduces elementary education majors to theoretical and practical experiences necessary for incorporating a discipline-based art education program into the elementary school curriculum. This course may include actual practicum teaching experiences. (See AR 333) **Fees:** Materials fee required

ED 334. 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. **Prerequisites:** (See MU 331)

ED 335. Teaching Health in the Secondary Schools (2)

Designed to provide knowledge and background in three divisions of health education: healthful living, school health services, and health education. Recognition of health problems of children and adolescents with opportunity to develop competencies in handling methods and teaching techniques. Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom. **Prerequisites:** Junior classification. **Corequisites:** ED 351, ED 375 (See KI 335)

ED 336. Teaching Physical Education in the Secondary Schools (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom.

Corequisites: ED 351, ED 375 (See KI 336)

ED 341. Content Literacy in Secondary Classrooms (3)

An exploration of principles and strategies for helping all students to access content materials presented in secondary classrooms. Course focuses on teaching content vocabulary, activating prior knowledge, effectively using text materials and graphic organizers to improve comprehension, and designing lesson plans that promote content literacy. Also included are strategies for making content comprehensible for English Language Learners and other at-risk students. A 15-hour multicultural field experience provides students with the opportunity to apply strategies in a setting reflecting diverse student needs. Fulfills a General Education Tier II Cross-Cultural Experience. **Prerequisites:** Junior classification.

ED 351. Teaching Methods in Secondary Classrooms (3)

An investigation of teaching methods and techniques appropriate for the secondary school classroom. Theoretical principles upon which teaching strategies are based and the principles of classroom management will be considered. Lesson and unit planning are included. Mini-teaching experiences are an integral part of this course. Fulfills a General Education Tier III Cross-Cultural Experience. **Prerequisites:** Admitted to Teacher Education; junior classification; department approval. **Corequisites:** ED 375; methods courses in teaching area or first and second teaching fields. Exempt - Music majors who do not have a second teaching field.

ED 353. Teaching Art in the Secondary School (3)

Examine pragmatic techniques and philosophical approaches necessary to design, implement, and evaluate a comprehensive discipline-based art education program at the secondary school level. Additionally, both historical and contemporary art education issues are examined, discussed, and evaluated. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom. **Corequisites:** ED 351, ED 375 (See AR 353)

ED 354. Teaching Music in the Secondary School (3)

Strategies appropriate to this subject field, instrumental/choral materials and tools, curricular structure common to this subject in the secondary school. Activities and music of various cultural groups will be explored. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom. **Prerequisites:** Junior Classification **Corequisites:** ED 375 (See MU 332)

ED 357. Teaching Mathematics in the Secondary School (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom.

Prerequisites: Junior classification. **Corequisites:** ED 351, ED 375 (See MA 301)

ED 358. Teaching Social Studies in the Secondary School (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom.

Prerequisites: junior classification. **Corequisites:** ED 351, ED 375

ED 359. Teaching Language Arts and Writing Process in the Secondary School (3)

A study of secondary English language arts teaching strategies, instructional materials and tools, and curricular structure. The course includes recent theory and practice in the teaching of writing with an emphasis on process. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom. **Prerequisites:** Junior classification.

Corequisites: ED 351, ED 375 (See EN 379)

ED 363. Teaching Foreign Language in the Secondary School (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom.

Prerequisites: Junior classification. **Corequisites:** ED 351, ED 375 (See SP 363)

ED 364. Teaching Science in the Secondary School (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom.

Prerequisites: Junior classification. **Corequisites:** ED 351, ED 375

ED 375. Classroom Management in Secondary Schools (2)

An in-depth study of classroom management theory and application for secondary teachers. Focus is on equipping future teachers with knowledge and skills for effectively managing a classroom. Course includes information about motivation, classroom environment, minimizing management problems through proactive strategies and interpersonal skills, responding to minor and serious behavior problems, and systematically modifying inappropriate behavior. **Prerequisites:** Admission to teacher education; junior classification. **Corequisites:** ED 351, special methods courses.

ED 392. Foundations of Education (2)

Exploration of the historical, philosophical, social and legal foundations of the teaching profession. The purpose and challenges of education will be addressed in relationship to today's changing world. **Prerequisites:** Admission to teacher education; junior/senior classification.

ED 396. Field Experience (1)

A 30-hour field experience consisting of classroom observation and participation in lesson preparation and classroom presentations. Student assignments will be based on previous experience and individual needs. This course should not be taken the same semester as enrollment in ED 296, ED 315, ED 325 or ED 326. **Prerequisites:** ED 110, ED 275, ED 296; instructor's permission. May be repeated for credit.

ED 442. Methods of Instruction for the Elementary Classroom (9)

A course of integrated study of teaching methodology spanning the elementary school curriculum, encompassing science, social studies, mathematics and language arts. Students design instruction to meet curriculum standards, devise accommodations for students with diverse needs, and plan assessment procedures to monitor student progress. A focus on planning, classroom environment, instruction, and professionalism equips students for internship experiences. **Prerequisites:** Approval for intern year; senior classification. **Corequisites:** ED 444, ED 446, ED 481.

ED 444. Elementary Internship I (2)

Initial teaching experiences in full-day participation in an elementary classroom. Emphasis is on learning classroom routines, establishing classroom environment and rapport with students, and participating as a team member with a cooperating teacher and school staff. **Prerequisites:** Approval for intern year; senior classification. **Corequisites:** ED 442, ED 446, ED 481

ED 445. Elementary Internship II (12)

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. **Prerequisites:** ED 442, ED 444, ED 446, ED 481. **Fees:** Additional fee required.

ED 446. Assessment and Intervention in Reading (3)

An examination and application of research-based best practices for using assessment to guide instruction in literacy. Included is a practicum in the internship classroom in which the intern diagnoses literacy needs of a struggling reader and designs and delivers interventions to support that elementary student's literacy development. **Prerequisites:** Approval for intern year; senior classification. **Corequisites:** ED 442, ED 444, ED 446

ED 454. Methods of Teaching Social Studies and Language arts in the Elementary Classroom - ACE (4)

A course of integrated study of teaching methodology encompassing elementary school social studies and language arts. Students 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 students for the student teaching experience. **Prerequisites:** Admission to ACE program. **Corequisites:** ED 455, ED 456

ED 455. Methods of Teaching Science and Mathematics in the Elementary Classroom - ACE (4)

A study of teaching methodology encompassing elementary school science and mathematics. Students 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 students for the student teaching experience. **Prerequisites:** Admission to ACE program **Corequisites:** ED 454, ED 456

ED 456. Orientation to Student Teaching in the Elementary Classroom - ACE (1)

A follow-up to the elementary methods sequence geared toward orienting students to expectations of the student teaching experience. Students will review classroom management principles, develop a classroom management plan with input from the cooperating teacher, and become familiar with expectations and mentoring and evaluation procedures used during the student teaching experience. **Prerequisites:** Admission to ACE program **Corequisites:** ED 454, ED 455

ED 481. 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. **Prerequisites:** Approval for intern year; senior classification. **Corequisites:** ED 442, ED 444, ED 446

ED 485. 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. **Prerequisites:** Approval for student teaching, senior classification. Materials and instructions for this course must be secured from the Director of Student Teaching three months in advance of the opening of school.

ED 486. Student Teaching in the Middle School/Junior High School (12)

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. Students participating in fall student teaching should plan to report to their assigned school the first day that the teachers report. Students 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. **Prerequisites:** Approval for student teaching; senior classification; ED 341, ED 351, ED 375. special methods course(s). **Fees:** Additional fee required.

ED 487. Student Teaching in the Senior High School (12)

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. Students participating in fall student teaching should plan to report to their assigned school the first day that the teachers report. Students 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. **Prerequisites:** Approval for student teaching; senior classification; ED 341, ED 351, ED 375; special methods course(s). **Fees:** Additional fee required.

ED 489. Student Teaching in Secondary Schools - ACE (6-12)

Directed observation, participation, and responsible teaching by ACE students, conducted under the supervision or mentoring of a secondary school teacher and NNU supervisors. Weekly seminars are a part of this experience. May be repeated for credit. **Prerequisites:** Admission to ACE program; approval for student teaching. **Fees:** Additional fee required.

ED 490. Student Teaching in Elementary Schools - ACE (6-12)

Directed observation, participation, and responsible teaching by ACE students, conducted under the supervision or mentoring of an elementary school teacher and NNU supervisors. Weekly seminars are a part of this experience. May be repeated for credit. **Prerequisites:** Admission to ACE program; approval for student teaching. **Fees:** Additional fee required.

Engineering (EG)

EG 101. Introduction to Engineering (3)

An introduction to engineering disciplines and careers. Topics include techniques for analyzing and solving problems, software in engineering and science, and professional ethics. Guest lectures from area engineers will be given to the student for a feel of what is expected in the work force. Student design projects emphasize critical thinking and teamwork, as well as oral and written presentations.

EG 105. Engineering Graphics and Design (3)

An introductory course in engineering design and drawing using freehand and CAD techniques. Content includes pictorial and orthographic projection, auxiliary and section views, descriptive geometry, dimensioning, and measurements. **Prerequisites:** High school algebra and geometry. **Offered:** Alternate years

EG 210. Engineering Statics (3)

Addition and resolution of forces, vector algebra, moments and couples, centroids and moments of inertia, free body diagrams, two- and three-dimensional equilibrium systems, trusses, frames, friction, virtual work and fluid statics. **Prerequisites:** PH 211, MA 252 **Corequisites:** MA 252 **Offered:** Alternate years

EG 343. Mechanics of Materials (3)

Elasticity, strength and modes of failure of engineering materials; theory of stresses and strains of ties, shafts, beams and columns. **Prerequisites:** EG 210. **Offered:** Alternate years

EG 362. Analog Electronics (3)

A study of solid-state diodes, transistors, silicon-controlled rectifiers, light emitting diodes, photo diodes and other pn-junction devices. Theory and applications of transistors to basic amplifier circuits, waveform generators and operational amplifiers are made. **Prerequisites:** PH 212 **Corequisites:** EG 362L **Offered:** Alternate years

EG 362L. Analog Electronics Laboratory (1)

The laboratory allows the student to investigate the behavior of both two- and three-terminal devices in electronic circuits and study/build real analog systems. **Corequisites:** EG 362 **Fees:** Additional fee required **Offered:** Alternate years

EG 363. Digital Electronics (3)

Basic logic gates and digital logic circuits are analyzed using Boolean algebra and Karnaugh maps. Circuits studied include binary counters, adders, shift registers, multiplexers and data latches. Analog to digital and digital to analog conversion concepts are introduced and applied to microcomputer interfacing. **Prerequisites:** PH 212 **Corequisites:** EG 363L **Offered:** Alternate years

EG 363L. Digital Electronics Laboratory (1)

In the laboratory the student is required to build digital combinatorial and sequential circuits and observe their behavior with an oscilloscope or other readout device. Designed to help understand the concepts introduced in EG 363. **Corequisites:** EG 363

Fees: Additional fee required **Offered:** Alternate years

EG 394. Engineering Topics (1-4)

A concentrated study in a field of engineering not covered in other courses. Topics may include, but are not limited to, mechanical engineering, chemical engineering, pharmaceutical/biomedical engineering, materials engineering, structural engineering, HVAC, fluid mechanics, finite element analysis, and engineering software. **Prerequisites:** Instructor's permission. May be repeated for credit.

EG 497. Senior Design Project (1)

Capstone project integrating previous coursework with a faculty member in an individual or group design project. **Prerequisites:** Instructor's permission. May be repeated for credit. Required of all engineering physics majors.

English (EN)

EN 101. 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. (Does not satisfy the catalog specific course requirement for English Composition.)

EN 102. English Composition (3)

A course intended to develop in students college-level writing skills and stimulate them to think critically, express themselves clearly, and develop an appreciation for the medium of language through a variety of writing experiences. For the course to count for General Education requirements, a student must earn a grade of C- or better.

EN 202. Research Writing and Critical Thinking (3)

A course which enables students to sharpen analytical reading skills and, through the medium of research projects, to continue to refine the critical thinking and writing skills developed in English Composition. It acquaints students with current information technology and library resources available at NNU, and covers the entire process of researching and writing position papers.

Prerequisites: Completion of EN 102 with a grade of C- or better or advanced placement.

EN 212. 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.

EN 221. 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.

EN 222. 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.

EN 231. British Literature: Beowulf through the Age of Reason (3)

A survey of British literature from the Anglo-Saxon period through the Restoration.

EN 232. British Literature: The Romantic Age to the Present (3)

A survey of British literature from the Romantic and Victorian periods to the present time.

EN 241. 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.

EN 242. World Literature: The Ancient World to the Renaissance (3)

A survey of selected literature from a variety of world cultures. **Offered:** Alternate years.

EN 243. World Literature: The Enlightenment to the Modern Era (3)

A survey of selected literature from a variety of world cultures. **Offered:** Alternate years.

EN 261. 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.

EN 298. Introduction to the Study of Literature (1)

An introduction to basic approaches to literature 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.

EN 302. Principles of Writing (3)

An advanced expository writing course emphasizing the thinking and writing skills necessary to develop an effective prose style. A general course appropriate for advanced students in any area, it is especially recommended for potential graduate students.

Prerequisites: EN 202.

EN 304. Creative Writing - Prose (3)

Principles, techniques, and practice in writing both fiction and non-fiction. Small-group work and individual conferences are included. **Offered:** Alternate years.

EN 305. Creative Writing - Poetry (3)

Principles, techniques, and practice in writing poems. Emphasis on individual writing and small-group activities. **Offered:** Alternate years.

EN 312. 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.

EN 321. Major Authors in American Literature (3)

A study of selected works of a major American author or authors. Some examples of course topics are: variations on the American Dream, doctors in literature, literature of the sea, small-town America, and American travel literature. May be repeated for credit. **Offered:** Alternate years.

EN 325. 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.

EN 331. 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 Tolkien, and poetry of the Brownings. May be repeated for credit. **Offered:** Alternate years.

EN 332. Shakespeare (3)

A study of representative plays through reading, viewing, and discussing comedies, tragedies, and histories.

EN 335. 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.

EN 341. 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.

EN 342. 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.

EN 351. Twentieth Century Poetry (3)

A study of representative British and American poetry of the twentieth century. **Offered:** Alternate years.

EN 352. Twentieth Century Drama (3)

A study of representative European, British, and American drama from Ibsen to Ionesco. **Offered:** Alternate years.

EN 361. Advanced Reporting (3)

In this course, students will learn advanced investigative reporting skills needed for in-depth and enterprise reporting. This course will also introduce civic/public journalism and beat journalism. Students will be required to cover a beat for the student newspaper. **Prerequisites:** EN 261.

EN 363. News Analysis and Opinion Writing (3)

In this course, students will study critical writing forms for publication. Journalism genres covered in this class may include: column writing, editorial writing, news analysis, arts review, and mixed opinion/news (advocacy) form. **Prerequisites:** EN 261 or instructor's permission. **Offered:** Alternate years.

EN 364. News Editing (3)

This course focuses on newsroom management/production skills, including best journalism practices, headline writing and basic newspaper graphic design. Students will also be taught methods for content editing and copyediting. Students will be required to demonstrate a mastery of the Associated Press Stylebook. **Offered:** Alternate years.

EN 366. Magazine Writing (3)

Students will be exposed to a variety of popular magazine writing styles. In addition, the course will teach students how to query and publish freelance articles in magazine and online publications, with a particular emphasis on publications found in the Writers' Market. **Offered:** Alternate years.

EN 374. Children's Literature (3)

A study of literature written for children, from pre-school age onward. The course samples a variety of types of literature and will prove valuable for general students, prospective teachers, or parents who wish to enrich their own background in children's literature and to develop qualitative judgment skills.

EN 379. Teaching Language Arts and Writing Process in the Secondary School (3)

A study of secondary English language arts teaching strategies, instructional materials and tools, and curricular structure. The course includes recent theory and practice in the teaching of writing with an emphasis on process. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom. **Prerequisites:** Junior classification.

Corequisites: ED 359

EN 391. Literary Criticism (3)

The study and application of representative literary criticisms from Plato to the present. It is required of English and English-education majors and recommended for the junior year. **Prerequisites:** 9 credits in literature. **Offered:** Alternate years.

EN 394. Topics in English (1-3)

Specialized study of a topic, genre, or author. **Prerequisites:** 3 credits in literature. May be repeated for credit.

EN 395. Newspaper Practicum (3)

Students will serve on the staff of the Crusader student newspaper for one semester to acquire a practical, working knowledge of the basic skills needed to work in a news media outlet. Students may not be paid staff members on the Crusader and receive credit simultaneously.

EN 396. 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 English 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 English 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.

EN 427. 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.

EN 434. 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.

EN 435. British Poetry Before 1700 (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.

EN 475. Literature for the Secondary School (3)

A study of the literature appropriate for secondary school language arts classes including criteria for the selection of and strategies for teaching the literature.

EN 496. Senior Internship (3)

Students will work in an instructor-approved journalism-related professional internship. Students must either create or edit journalistic works as part of the internship. Political and public relation internships that deal with media related professional activities may qualify as journalism-related with prior instructor approval. Students must log 100 hours of professional activity during the course of the internship.

EN 498A. Senior Seminar in English (1)

A review of the English program and a commencement of a lifetime of independent reading and thinking. Required of all majors in the English department. **Prerequisites:** Senior classification.

EN 498B. Senior Seminar in Journalism (1)

In this senior seminar, Journalism majors will prepare a portfolio of writing clips and/or video clips to help those who intend to pursue journalism-related jobs upon graduation. Students will also debate and prepare a paper on the role of Christian faith in the profession of journalism.

STEP PROGRAM

EN 103. English Composition (3)

A course intended to develop in students college-level writing skills and the ability to express themselves clearly through the written language. For the course to count for General Education requirements, a student must earn a grade of C- or better. This course is available only to students in the STEP program.

EN 203. Research Writing (3)

A course which acquaints students with information technology and library resources available at NNU and emphasizes the process of research and writing position papers. **Prerequisites:** Admission to the STEP Program and completion of EN 102 with a grade of C- or better (or advanced placement). This course is available only to students in the STEP Program.

EN 324. Studies in American Literature (3)

A study of selected works by American authors which may focus on an individual author, a topic, or a time period.

Prerequisites: Admission to the STEP Program. This course is available only to students in the STEP Program. May be repeated for credit.

EN 334. Studies in British Literature (3)

A study of selected works by British authors which may focus on an individual author, a topic, or a time period. **Prerequisites:** Admission to the STEP Program. This course is available only to students in the STEP Program. May be repeated for credit.

EN 344. Studies in World Literature (3)

A study of selected works by non-American or non-British authors which may focus on an individual author, a topic, or a time period. **Prerequisites:** Admission to the STEP Program. This course is available only to students in the STEP Program. May be repeated for credit.

French (FR)

FR 101. 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.

FR 102. Elementary French (4)

A continuation of FR 101. 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. **Prerequisites:** FR 101 or equivalent.

FR 201. 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. **Prerequisites:** FR 102 or equivalent.

FR 202. Intermediate French (4)

A continuation of FR 201. 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. **Prerequisites:** FR 201 or equivalent.

FR 301. Advanced Conversational French (3)

For students who have taken 200 level courses or the equivalent. This course provides students with the opportunity to analyze and discuss various aspects of contemporary French culture through the study of realia taken from the French press, television and cinema. **Prerequisites:** FR 202 or instructor's permission. **Offered:** Alternate years.

FR 351. French Civilization and Literature (3)

A study of the high points of French literature over the ages and their historical and social backdrop. Authors studied include the following: Rabelais, Montaigne, Racine, Voltaire, Rousseau, the Romantic poets, Hugo, Flaubert, Proust, and Camus. A variety of genres will be examined and discussed. Course taught in French. **Prerequisites:** FR 201; or, instructor's permission. **Offered:** Alternate years

FR 394. Topics in French (1-3)

The course may be comprised of various studies of topics related to the French language and Francophone cultures; or a multi-disciplinary study of the European Union. The courses may either be taught in English or French. May be repeated for credit.

Geography (GE)

GE 105. 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.

Greek (New Testament) (GK)

GK 211. Elementary New Testament Greek (3)

A study of the basic elements of New Testament Greek. Grammar, vocabulary, and syntax will be emphasized. Course will include selected readings in the Greek New Testament. **Prerequisites:** Sophomore status and prior foreign language experience are recommended or instructor's permission. **Offered:** Alternate years.

GK 212. Elementary New Testament Greek (3)

A study of the basic elements of New Testament Greek. Grammar, vocabulary, and syntax will be emphasized. Course will include selected readings in the Greek New Testament. Sophomore status and prior foreign language experience are recommended or instructor's permission. **Prerequisites:** GK 211. **Offered:** Alternate years.

GK 301. Intermediate New Testament Greek (3)

A vocabulary review, an introduction to advanced grammar and exegetical principles and methods, and a broad reading of selected New Testament passages. **Prerequisites:** GK 212. **Offered:** Alternate years.

GK 352. New Testament Greek Exegesis (2)

An advanced study of the Greek New Testament. The course will focus on advanced grammar, application of exegetical principles and methods, and utilization of the major scholarly resources for Greek exegesis, applied to selected New Testament books. May be repeated for credit. **Prerequisites:** GK 301.

Hebrew (HB)

HB 211. 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 Bible Hebrew prose. **Prerequisites:** Sophomore status and prior foreign language experience are recommended or instructor's permission. **Offered:** Alternate years.

HB 212. 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 Bible Hebrew prose. Sophomore status and prior foreign language experience are recommended. **Prerequisites:** HB 211. **Offered:** Alternate years.

History (HS)

HS 103. The World and the West I (3)

This course begins with the classical eras, both east and west (ca. 600 BC) and ends in about 1650. Its goal is two fold: 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.

HS 104. The World and the West II (3)

This course begins in 1650 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.

HS 203. Conflict and Consensus: American History to 1877 (3)

An introduction to American history from the period of exploration and colonization to the conclusion of reconstruction. Major themes and events include the European settlement of North America, Native American responses to European development of colonial America, the war for American independence, nation-building in the Early Republic, the development of slavery, Western expansion, and the Civil War and reconstruction.

HS 204. Conflict and Consensus: American History from 1877 (3)

An introduction to American history from the conclusion of reconstruction to recent times. Major themes include Western expansion, industrialization and urbanization, imperialism, two world wars, American life between the wars, radicalism and revolt, and the post-Cold War world.

HS 303. Roman Empire and Christian Community (3)

An exploration of the parallel development of two quite different "worlds," the imperial system inaugurated by Caesar Augustus and the community brought by Jesus Christ. With political history as framework, social and economic history is emphasized, especially with regard to women and public compassion. **Offered:** Alternate years.

HS 304. "Not the Dark Ages" (3)

A celebration of those who preserved worship, literature, and community in the most unsettled times, from 500 to 1100 AD. Dynamic centers of energy belie the term Dark Ages: great families of monks, the Anglo-Celtic communities, Islamic cities and schools in Spain, and emperors like Charlemagne and Otto the Great. **Offered:** Alternate years.

HS 310. The World of Caesar (3)

A presentation of the development of the Roman Republic to its demise in the time of Julius Caesar. These include the Republic as a unique alternative to monarchy, its variety of families and the Roman life of honor, its wars against Greek and Phoenician colonies, and its struggle to maintain its tradition after acquiring an empire. **Offered:** Alternate years.

HS 325. History of American Culture (3)

An examination of the social currents of American thought and culture, emphasizing ideas and concepts that have influenced the development and growth of American institutions and values from the colonial era to the present. General themes include gender values, race relations, and class conflicts. **Prerequisites:** EN 202 or instructor's permission. **Offered:** Alternate years.

HS 333. US 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 PS 333). **Offered:** Alternate years.

HS 339. 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. **Prerequisites:** EN 202 or instructor's permission. **Offered:** Alternate years.

HS 344. 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 the religious experience 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.

HS 348. 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.

HS 349. Modern Africa (3)

An exploratory survey of African history below the Sahara and from the 18th century to the present. In addition to dealing with the extraordinary historiographic challenges, serious attention will be given to the impact of slaving operations, the persistence of tribal life and loyalties, the effects of colonial government, the movements to independence and the challenge of current situations. **Offered:** Alternate years.

HS 394. Topics in History (2-3)

A thematic approach to historical interpretation, may be conducted in a seminar format. Topics will vary. May be repeated for credit by permission.

HS 454. American Constitutional History (3)

A survey of United States Constitutional history from its origins to the present. Emphasis is placed on the constitutional system as a whole, rather than on constitutional law as developed by the Supreme Court. The course examines the origins and general principles of constitutional thought, traces their elaboration in the founding, and development through the crises over state rights and union in the nineteenth century, the Civil War amendments, controversy over liberty of contract, New Deal intervention and the crisis of the court, the developing doctrine of civil rights and civil liberties, and the growth of the administrative state.

HS 497. Senior Research and Thesis (3)

An independent research paper based upon primary source materials. Written under the supervision of the history faculty. Required of all history majors. **Prerequisites:** Senior standing.

Humanities (HU)

HU 101. Cornerstone (3)

This course is intended to help students develop a life-long passion for learning. They will explore the habits of mind of various academic disciplines and discover differing perspectives on the pursuit of knowledge as well as their commonalities and connectedness. Students will be introduced to the four University outcomes, develop skills necessary for a successful college

experience, and begin collecting a portfolio to document their learning and track their personal, spiritual, and academic growth throughout their college career.

HU 250. Western Intellectual Traditions (Freshman Honors) (2)

This course focuses on the following historical periods: Greek, Roman, and early Christian; Renaissance and Reformation; Enlightenment; and Modern. The structure and content of the course is designed to help students achieve the following goals: recognize the connectedness of ideas and the unity of knowledge; examine values and presuppositions and learn to think creatively and critically; understand important themes and periods of Western thinking, and explore non-Western ideas, comparing them to Western thought; take an historical perspective when addressing current issues; improve written and oral communication; and acquire leadership skills in discussions with peers. (Admission by selection only)

HU 251. Western Intellectual Traditions (2)

This course focuses on the following historical periods: Greek, Roman, and early Christian; Renaissance and Reformation; Enlightenment; and Modern. The structure and content of the course is designed to help students achieve the following goals: recognize the connectedness of ideas and the unity of knowledge; examine values and presuppositions and learn to think creatively and critically; understand important themes and periods of Western thinking, and explore non-Western ideas, comparing them to Western thought; take an historical perspective when addressing current issues; improve written and oral communication; and acquire leadership skills in discussions with peers. (Admission by selection only)

HU 252. Western Intellectual Traditions (2)

This course focuses on the following historical periods: Greek, Roman, and early Christian; Renaissance and Reformation; Enlightenment; and Modern. The structure and content of the course is designed to help students achieve the following goals: recognize the connectedness of ideas and the unity of knowledge; examine values and presuppositions and learn to think creatively and critically; understand important themes and periods of Western thinking, and explore non-Western ideas, comparing them to Western thought; take an historical perspective when addressing current issues; improve written and oral communication; and acquire leadership skills in discussions with peers. (Admission by selection only)

HU 253. Western Intellectual Traditions (2)

This course focuses on the following historical periods: Greek, Roman, and early Christian; Renaissance and Reformation; Enlightenment; and Modern. The structure and content of the course is designed to help students achieve the following goals: recognize the connectedness of ideas and the unity of knowledge; examine values and presuppositions and learn to think creatively and critically; understand important themes and periods of Western thinking, and explore non-Western ideas, comparing them to Western thought; take an historical perspective when addressing current issues; improve written and oral communication; and acquire leadership skills in discussions with peers. (Admission by selection only)

HU 401. 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.

STEP PROGRAM

HU 101. Cornerstone (3)

A course required of all new STEP students. Students will discuss time management issues; and review reading, English, and research techniques. The course is designed to foster scholarly and personal interaction between students and to acquaint them with the values inherent in a liberal arts Christian education. **Prerequisites:** Admission to the STEP Program.

Kinesiology (KI)

KI 100. Fundamentals of Wellness (1)

An approach to health and physical education relating 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 five dimensions of wellness. **Corequisites:** KI 100L. **Fees:** Additional fee required.

KI 100L. Fundamentals of Wellness Laboratory (0)

Course designed to allow students to assess personal health benchmarks as related to overall wellness including: body composition, cardiorespiratory fitness, muscular strength, endurance and flexibility, skill related fitness, blood lipids analysis, etc. Students will develop a personal wellness program based on health assessments. **Corequisites:** KI 100

KI 101. 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 counts for general education KI activity requirement. **Prerequisites:** Permission of the department chair.

KI 102. Heart Healthy Activities (1)

Wellness activities of adult fitness, aerobic fitness, cycling, life guarding, physical fitness, rhythmical aerobics, skiing and derivatives offered, swimming (intermediate), jogging/walking, water aerobics, weight control management, and water fitness. Two activities per semester. This course counts for general education KI activity requirement. May be repeated for elective credit but not for general education credit. **Fees:** Additional fee may be required

KI 103. Lifetime Sport Activities (1)

Introductory skill, rules and play: archery, backpacking, badminton, bowling, golf, racquetball, rock climbing, soccer, softball, swimming (beginning), tennis, weight training, and volleyball (beginning and intermediate). Two activities per semester. This course counts for General Education KI activity requirement. May be repeated for elective credit but not for general education credit. **Fees:** Additional fee may be required.

KI 124. Life Guarding (1)

Qualifies students for a life guard certificate. This course counts for General Education KI activity requirement. **Prerequisites:** Instructor's permission.

KI 131. Introduction to Recreation and Kinesiology (3)

An introductory course for majors in the field of health, kinesiology, recreation, and athletic training. Emphasis is placed on history, objectives, philosophy and careers within the profession.

KI 196. Clinical Observation (1)

A field-based observational experience which enhances first hand practical knowledge in either a physical therapy or athletic training setting. **Prerequisites:** Instructor's permission. (See BI 196). May be repeated for credit.

KI 241. Introduction to Athletic Training and Physical Therapy with Laboratory (3)

An introductory course for students interested in athletic training or physical therapy. Emphasis of programs 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.

KI 243. Health Issues in Today's Society (3)

Emphasis is on major health issues and problems of adolescence and college age students including the following topics: drugs, alcohol and tobacco, human sexuality, AIDS/HIV, STD's, mental health, consumer health, sex and family planning, diseases, environmental health. **Offered:** Alternate years.

KI 250. Fitness Activities (1)

A practical application of military style fitness adapted for any students who wish to improve their overall physical fitness level. Emphasis is on cardiovascular and upper body development. May be counted as one KI heart healthy activity. May be repeated for up to 12 credits. This course counts for General Education KI activity requirement.

KI 264. Kinesiology Majors Activity Laboratory (1)

Sports activity laboratory for majors in the department of Kinesiology; emphasis is on sports skills, development and teaching techniques. Different activities covered: soccer, football, aerobic fitness, racketsports, fitness testing/fitness prescription, movement-rhythms, softball, volleyball, track and field, basketball, weight training, tennis and challenge course. Majors will take 6 credits; counts for KI Majors General Ed requirement. **Prerequisites:** Instructor's permission.

KI 273. Nutrition Across the Lifespan (2)

A basic course surveying the nutrients required by the human body including their assimilation, function, deficiency and food sources. Study of proper dietary intake throughout the life cycle, emphasizing importance of nutrition to good health. Course includes clinical application.

KI 275. Outdoor Pursuits (2)

Fundamental skills and instructional techniques for outdoor educational activities. Also includes outdoor equipment use and safety emphasis. Fulfills one general education lifetime activity requirement. **Fees:** Additional fee required. May be repeated for credit.

KI 276. Intercollegiate Athletic Participation (1)

Participation in intercollegiate athletics. May be taken by athletes, managers, athletic trainers, statisticians, and cheerleaders. May be repeated for a maximum of eight credits: one credit per sport per year and a maximum of two credits per year. **Prerequisites:** Permission of the Coach and Athletic Director. This course does not satisfy a general education requirement.

KI 285. Camp Administration and Outdoor Education (3)

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.

KI 294. Topics in Kinesiology (1-4)

A course designed for those planning to enter the field of health, kinesiology, athletic training and 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.

KI 296. 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. **Prerequisites:** KI 100, or instructor's permission. May be repeated for credit in a different setting.

KI 335. Teaching Health in the Secondary Schools (2)

Designed to provide knowledge and background in three divisions of health education: healthful living, school health services, and health education. Recognition of health problems of children and adolescents with opportunity to develop competencies in methods and teaching techniques. Strategies appropriate to this subject field, instructional materials and tools, curricular structures common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom. **Prerequisites:** Junior classification. **Corequisites:** ED 351.

KI 336. Teaching Physical Education in the Secondary Schools (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom. **Prerequisites:** Junior classification. **Corequisites:** ED 351. (See ED 336).

KI 337. 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. **Prerequisites:** ED 211, ED 296. (See ED 337).

KI 338. Teaching Physical Education in the Elementary Schools (2)

This course introduces students to the basic principles of physical education for children in grades kindergarten through six. Emphasis will be on the development of systematic physical education programming. Students will participate in simulated teaching experiences and/or field observations.

KI 344. Advanced Athletic Training (3)

A study of the advanced theory in the technique of athletic training necessary for the professional athletic trainer. Recognition and understanding of identification, care and rehabilitation of specific injuries. Particular emphasis is placed upon the proper use of various therapeutic modalities. **Prerequisites:** KI 241. **Offered:** Alternate years.

KI 356. Psychology and Techniques of Coaching (3)

A study of psychological implications in dealing with the student athlete in areas of motivation and performance. Coaching techniques in various sports will be covered as well as mentor experiences.

KI 360. Motor Development and Motor Learning (2)

Movement education in the areas of motor behavior, motor development and learning theories are emphasized. Movement patterns throughout the various life spans are studied. Psycho-motor and perceptual-motor development are covered in the course.

KI 363. Corrective and Adaptive Physical Education (2)

A course designed to develop understanding of the special needs child. Opportunity for learning to recognize defects, limitations, capacities and problems is provided. Students are taught to develop individual educational programs. Fulfills a General Education Tier III Cross-Cultural Experience.

KI 364. Physiology of Exercise and Biomechanics (3)

An analysis of the effects of exercise and training on various body systems. Includes study of the principles of human motion and action of muscles involved in movement and athletics.

KI 396. Field Experience in Kinesiology/Recreation (1)

Designed to provide an advanced experience as a leader in various health, kinesiology and recreational settings.

KI 452. Tests and Measurements in Physical Education (3)

The use of tests, measurement and evaluation in physical education classes, teacher and program evaluations, selection, administration, construction and evaluation of skill and written examinations are emphasized. **Prerequisites:** ACT of 21 in math. Fulfills the general education math competency requirement. **Offered:** Alternate years.

KI 456. Administration and Supervision of HPER (3)

The course is designed to serve as an introduction to the techniques of administration and supervision in kinesiology and athletics, as well as the capstone experience for majors. Emphasis is given to leadership theory, principles of sport training, current issues, and preparation for entry level employment.

KI 486. Recreation Management and Facilities Planning (3)

Development of skills and techniques necessary for successful leadership in municipal and school recreational programs. The study of trends, problems and interrelationships of community agencies. **Offered:** Alternate years.

KI 494. 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. May be repeated for credit.

KI 495. Internship in Athletic Training (1)

Practical application of training technique theory in a variety of settings. Training skills and principles may be applied to achieve the established goal of prevention and care of athletic injuries. **Prerequisites:** Permission of the department chair. May be repeated for up to 3 credits.

KI 496a. Recreation and Sport Internship (3)

Practical experience in planning, leading, supervising and evaluating recreation programs while working in a specific situation under qualified personnel. **Prerequisites:** Permission of the Department Chair. May be repeated for up to 6 credits.

KI 496b. Recreation and Sport Internship (3)

Practical experience in planning, leading, supervising and evaluating recreation programs while working in a specific situation under qualified personnel. **Prerequisites:** Permission of the Department Chair. May be repeated for up to 6 credits.

STEP PROGRAM

KI 100-X. Fundamentals of Wellness (1)

An approach to health and physical education relating 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 five dimensions of wellness. Lecture and laboratory. **Prerequisites:** Admission to the STEP program.

KI 102-X. Heart Healthy (1)

The activity class is designed to increase your knowledge of cardiovascular fitness as well as improve your cardiovascular fitness level. Students will participate in lecture sessions as well as plan, develop, and participate in a personal fitness activity/program. Principles of fitness will be incorporated into the course. This course counts for general education KI activity requirement.

Prerequisites: Admission to the STEP program.

Mathematics (MA)

MA 090. 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 Pass/Fail course. This is designed to prepare the student to become math proficient. Credit for courses numbered below 100 is not transferable.

MA 095. Intermediate Algebra (3)

Linear equations and inequalities, graphing lines, systems of equations, exponents, polynomials, factoring, radicals, complex numbers, and the quadratic formula. **Prerequisites:** Pass MA 090, or COMPASS Examination score of at least 50 on the Pre-Algebra section, an ACT score of at least 21; or, Instructor's permission. Students must verify they have met the prerequisites on the first day of class. This is a Pass/Fail Credit for courses numbered below 100 is not transferable.

MA 110. Liberal Arts Mathematics (3)

A course designed for an introduction to mathematical concepts. This may include such concepts as sets, logic, functions and graphs, mathematical models, and history. **Prerequisites:** NNU math proficiency is required.

MA 130. College Algebra (3)

Topics include polynomial arithmetic, synthetic division, zeroes of polynomials, systems of linear equations, matrices and matrix multiplication. **Prerequisites:** ACT score of 23 or Instructor's permission. Students need to verify they have the prerequisites the first day of class.

MA 140. Trigonometry (3)

Topics include the study of the trigonometric functions, plane trigonometry, and analytic trigonometry. **Prerequisites:** MA 130 (a grade of C or better), or an ACT score of 26, or Instructor's permission. Students need to verify they have the prerequisites the first day of class.

MA 151. Survey of Calculus (3)

The concepts of calculus are emphasized. All concepts are considered from the intuitive point of view. Applications are drawn primarily from business, economics and population models. Trigonometric functions are not considered. **Prerequisites:** MA 130 (a grade of C or better), an ACT score of 26, or Instructor's permission. Students need to verify they have the prerequisites the first day of class.

MA 201. Fundamental Mathematical Structures I (3)

Includes problem solving and mathematical reasoning, sets, relations and functions, numeration, the system of whole numbers, integers and rational numbers, and number theory. Laboratory activities are included. **Prerequisites:** NNU math proficiency, and enrollment in a program leading to an elementary or secondary teaching certificate.

MA 202. Fundamental Mathematical Structures II (3)

Includes probability and statistics, basic geometric concepts and measurement, constructions, congruence, similarity and transformations. Laboratory activities are included. **Prerequisites:** MA 201 or Instructor's permission.

MA 224. 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.

Prerequisites: ACT score of 23, a passing grade in MA 095, or Instructor's permission. Students need to verify they have the prerequisites the first day of class.

MA 231. Discrete Mathematics (3)

An introduction to graph theory, logical operators, mathematical induction, enumeration and Boolean algebra. **Prerequisites:** MA 130 (a grade of C or better). Students need to verify they have the prerequisites the first day of class.

MA 251. Calculus I (4)

Limits, derivatives, integration and applications of the derivative, applications of integrals, integration techniques, logarithmic, exponential, trig and inverse trig functions. **Prerequisites:** MA 140 (a grade of C or better), an ACT score of 28, or Instructor's permission. Students need to verify they have the prerequisites the first day of class.

MA 252. Calculus II (4)

Infinite series, vectors, partial differentiation, multiple integrals. **Prerequisites:** MA 251 (a grade of C or better). Students need to verify they have the prerequisites the first day of class.

MA 301. Teaching Mathematics in the Secondary School (2)

Strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom.

Prerequisites: Junior classification. **Corequisites:** ED 351, ED 375. See ED 357.

MA 310. History of Mathematics (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. **Prerequisites:** MA 251. May be repeated for credit.

MA 324. 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. **Prerequisites:** MA 252 (a grade of C or better). Students need to verify they have the prerequisites the first day of class. **Offered:** Alternate years

MA 325. Probability and Statistics II (3)

A continuation of MA 324 Probability and Statistics I. **Prerequisites:** MA 324 Students need to verify they have the prerequisites the first day of class. **Offered:** Alternate years

MA 328. 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. **Prerequisites:** MA 130; or, MA 332. **Offered:** Alternate years

MA 331. Introduction to Abstract Mathematics (3)

Logic, mathematical induction, sets, equivalence relations and equivalence classes, and order relations are studied. Emphasis is given to constructing sound mathematical arguments. **Prerequisites:** MA 231 or 251; or, Instructor's permission.

MA 332. 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. **Prerequisites:** MA 130 or 251. **Offered:** Alternate years

MA 341. Modern Geometry (3)

A review of Euclidean Geometry is followed by a wider view of geometry. Topics may include hyperbolic geometry, finite geometries and other metric geometries other than Euclidean. **Prerequisites:** MA 140 or 251; or, Instructor's permission. **Offered:** Alternate years

MA 353. Vector Calculus (3)

A study of Euclidean space and the calculus of functions on this space. In particular vector fields with the operators curl and divergence. Also the integral calculus involving line and surface integrals. Green's Theorem, Stokes Theorem and Gauss' Theorem are further topics to be studied. **Prerequisites:** MA 252 (a grade of C or better). Students need to verify they have the prerequisites the first day of class.

MA 354. Differential Equations (3)

A first course in ordinary differential equations. Linear algebra will be introduced for systems of linear differential equations. **Prerequisites:** MA 252 (a grade of C or better). Students need to verify they have the prerequisites the first day of class.

MA 356. Numerical Analysis (3)

Numerical solution of algebraic and transcendental equations and systems of linear equations; interpolation, finite differences; numerical differentiation and integration and solution of differential equations. Emphasis on methods most adaptable for computer use. **Prerequisites:** MA 252. Recommended MA 354 and a programming language.

MA 394. Topics in Mathematics (1-4)

Intensive study of one topic. **Prerequisites:** Instructor's permission. May be repeated for credit.

MA 432. 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. **Prerequisites:** MA 332 or 331; or, Instructor's permission. **Offered:** Alternate years

MA 433. Modern Algebra (2)

A continuation of MA 432 Modern Algebra (4). **Prerequisites:** MA 432. **Offered:** Alternate years

MA 451. Introduction to Real Analysis (4)

Course one of a two-course sequence in the theory of calculus. Topics include limits, continuity, derivatives, integrals, sequence, series, series of function. An introduction to metric topology is given. **Prerequisites:** MA 252, 331. **Offered:** Alternate years

MA 452. Introduction to Real Analysis (2)

A continuation of MA 451 Introduction to Real Analysis (4). **Prerequisites:** MA 451 **Offered:** Alternate years

Modern Languages (ML)

ML 194. Topics in Modern Language (1-3)

Introductory modern language topics. 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.

ML 294. Topics in Modern Language (1-3)

Introductory modern language topics. 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 (MS)

MS 101. Introduction to Military Science and Leadership (1)

An introduction to ROTC, military customs and traditions, benefits of Army Service and basic military skills. Laboratory consists of participation in leadership exercises, introduction to land navigation, adventure training, rifle marksmanship, and basic First Aid.

MS 102. Foundations in Leadership (1)

A continuation of Introduction to Military Science and Leadership MS 101 **Prerequisites:** MS 101

MS 201. Introduction to 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.

MS 202. Military Leadership (2)

A continuation of learning leadership skills with continuing emphasis on professional development through land navigation, rappelling, first aid, marksmanship, and other military skills. Laboratory consists of progressive participation in leadership exercises, adventure training, and tactical operations.

MS 250. 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. May be counted as one KI activity.

MS 290. Military Science Practicum (6)

A field based introduction to military subjects such as land navigation, map reading, marksmanship, and leadership. Practicum is a five-week Leadership Training course at Fort Knox, Kentucky. This course fulfills MS 101, 102, 201, and 202 ROTC program requirements. Students may also earn a two-year scholarship while at this course. The NNU Army ROTC advisor determines enrollment eligibility.

MS 301. Adaptive Team Leadership (3)

A study of tactics and skills which increases students' poise and confidence as military trainers and leaders. Students learn the techniques of effective counseling, training and management in a military environment. Laboratory consists of progressive

participation in advanced leadership exercises and practical application of basic tactics and patrolling skills. **Prerequisites:** MS 201, 202, or 290.

MS 302. Leadership in Changing Environments (3)

A continuation of MS 301. Refines the fundamentals of patrolling and combat operations. Prepares students for participation at the National Advanced Leadership camp. Laboratory consists of practical application of basic tactics and patrolling skills.

Prerequisites: MS 301.

MS 390. Military Science Practicum (6)

A field based course which provides students with the opportunity to apply the leadership skills they have learned. Course is completed at the five-week ROTC Advanced Leadership Camp at Fort Lewis, Washington. Note: This is required of all contracted students and is usually completed during the summer between the junior and senior years. **Prerequisites:** MS 301 and 302; or, Instructor's permission.

MS 401. Developing Adaptive Leaders (3)

An investigation of ethics and human relations, counseling techniques, military service in today's society, obligations and responsibilities of an officer on active duty, and coordination and operation of the military team. Students evaluate leadership potential of lower classmen and are responsible for planning and executing laboratory training. Prepares the prospective Army officer for initial Army Assignment. **Prerequisites:** MS 301 and 302.

MS 402. Leadership in a Complex World (3)

A continuation of MS 401 Developing Adaptive Leaders. **Prerequisites:** MS 401

MS 496. Military Science Internship (1)

A supervised, practical work experience which provides the senior Military Science students the opportunity to apply the skills they have learned through independent study and assisting in the instruction of military science labs or participation in the SMP (simultaneous membership program) in a National Guard or US Army Reserve Troop Program Unit. **Prerequisites:** MS 390; or, Instructor's permission.

Music (MU)

GENERAL MUSIC

MU 101. A Survey of Art and Music (3)

An introduction to the stylistic characteristics and cultural climate of the important artistic epochs in history, and includes both the western and the non-western traditions. (See AR 101). **Fees:** Additional fee required.

MU 120. Beginning Music Theory I (3)

An introduction to the fundamentals of harmony and the use of analysis as the central activity in the study of music theory.

Corequisites: MU 121 **Fees:** Additional fee required.

MU 121. Beginning Music Theory Laboratory I (1)

An introduction to and application of aural skills, including sight-singing, rhythmic dictation, melodic and harmonic dictation.

Corequisites: MU 120

MU 122. 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:** MU 120, 121 **Corequisites:** MU 123 **Fees:** Additional fee required.

MU 123. Beginning Music Theory Laboratory II (1)

A further study and application of aural skills, including sight-singing, rhythmic dictation, melodic and harmonic dictation.

Prerequisites: MU 120, 121 **Corequisites:** MU 122

MU 131. Digital Music and Technology (3)

An introduction to computer and sound technologies used in church, studio, classroom, and performing venues. Technologies will include applications in office-suite (word processing, data base, presentation, spread sheet), musical notation, musical composition, accompaniment, and digital recording as well as hands-on work in mixing and sound reinforcement. **Fees:** Additional fee required.

MU 211. Introduction to Music Ministry (1)

An introductory course dealing with the call to ministry through music, fundamental philosophies of music in the church, current issues and practical considerations of a career in the church today. **Offered:** Alternate years

MU 220. Intermediate Music Theory I (3)

Study of harmony and analysis including modulation, romantic harmony, enharmonic functions, elementary forms and 20th century techniques. **Prerequisites:** MU 122, 123 **Corequisites:** MU 221 **Fees:** Additional fee required.

MU 221. Intermediate Music Theory Laboratory I (1)

Study and application of aural skills, including sight-singing, rhythmic dictation, four-part dictation and advanced harmonic dictation. **Prerequisites:** MU 122, 123 **Corequisites:** MU 220

MU 222. Intermediate Music Theory II (3)

Further study of harmony and analysis including modulation, romantic harmony, enharmonic functions, elementary forms and 20th century techniques. **Prerequisites:** MU 220, 221. **Corequisites:** MU 223 **Fees:** Additional fee required.

MU 223. Intermediate Music Theory Lab II (1)

Further study and application of aural skills, including sight-singing, rhythmic dictation, four-part dictation and advanced harmonic dictation. **Prerequisites:** MU 220, 221 **Corequisites:** MU 222

MU 224. Improvisation (3)

Group study and exercise of improvisation, exploring jazz, blues, classical, and popular styles. **Prerequisites:** Instructor's permission. May be repeated for credit. **Offered:** Alternate years

MU 225. Instrument or Voice (1-2)

Private instruction in piano, voice, organ, strings, percussion, woodwind or brass instruments. **Prerequisites:** Instructor's permission. **Fees:** Additional fee required May be repeated for credit.

MU 235B. Brass (1)

Private or group instruction on one high and one low brass instrument, emphasizing the requisite skills to direct school instrumental programs. **Fees:** Additional fee required **Offered:** Alternate years.

MU 235P. Percussion (1)

Private or group percussion instruction, emphasizing the requisite skills to direct school instrumental programs. **Fees:** Additional fee required **Offered:** Alternate years.

MU 235S. Strings (1)

Private or group instruction on two string instruments, emphasizing the requisite skills to direct school string programs. **Fees:** Additional fee required **Offered:** Alternate years.

MU 235W. Woodwinds (1)

Private or group instruction on two woodwind instruments, emphasizing the requisite skills to direct school instrumental programs. **Fees:** Additional fee required **Offered:** Alternate years.

MU 237. Bella Voce (1)

Women's choir whose membership is open to non-majors as well as majors. Personnel chosen by audition. **Prerequisites:** Instructor's permission. May be repeated for credit.

MU 242. Musical Theatre Production/Opera Workshop (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. **Prerequisites:** Audition or instructor's permission. (See AR242/442). May be repeated for credit.

MU 243. Jazz Band (1)

An instrumental ensemble of select personnel chosen by audition. Membership open to non-majors as well as majors. May be repeated for credit.

MU 244. Orchestra (1)

Membership open to non-majors as well as majors. **Prerequisites:** Audition or instructor's permission. May be repeated for credit.

MU 245. Special Ensemble (1-2)

A course designed for students ready to participate in small group chamber or jazz ensemble settings. Membership open to non-majors as well as majors. **Prerequisites:** Audition or instructor's permission. May be repeated for credit.

MU 246. Concert Band (1)

Membership open to non-majors as well as majors. **Prerequisites:** Instructor's permission. May be repeated for credit.

MU 249. Crusader Choir (1)

A choir of select personnel chosen by audition. Membership open to non-majors as well as majors. **Fees:** Additional fee required. May be repeated for credit.

MU 294. Special Topics (1-3)

A concentrated study of one topic in music. **Prerequisites:** Instructor's permission. May be repeated for credit.

MU 315. Music Technology (1)

Hands-on experience creating and maintaining a variety of computer and electronic music equipment systems, taught in conjunction with existing courses in music technology.

MU 320. Practicum in Worship Planning and Leadership (2)

This course continues the instruction in PT 322, Worship Leadership I. It is a practical approach to choosing and leading the music of worship in various settings: traditional, contemporary, and liturgical. Students will learn how and where to find music, how to choose the proper music for the situation, how to put several songs together with smooth transitions, and how to lead a congregation in singing the music of worship. In this course, students will have the opportunity to create their own worship services and then lead them in a church or university setting. **Prerequisites:** PT 322.

MU 321. 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.

Prerequisites: MU 222, 223, or instructor's permission. **Fees:** Additional fee required. **Offered:** Alternate years

MU 322. Counterpoint (3)

A study of 18th century counterpoint with emphasis on its influence on polyphonic writing of the 20th century. **Prerequisites:** MU 222, 223. **Fees:** Additional fee required. **Offered:** Alternate years

MU 323. Composition (3)

The writing of original compositions, beginning with the song form and proceeding through the sonata form with emphasis given to stylistic elements. **Prerequisites:** MU 222, 223, or instructor's permission. **Fees:** Additional fee required. **Offered:** Alternate years

MU 326. Music History: Medieval, Renaissance and Baroque (3)

An introduction to music literature from ancient times to 1750.

MU 327. Music History: Classic, Romantic and Modern (3)

An introduction to music literature from 1750 to the present.

MU 343. Performance Practices (1)

Development and improvement of skills leading to effective stylistic comparison and evaluation of live and recorded musical performances.

MU 344. Diction (3)

A study of Italian, German, French, and English diction employing the International Phonetic Alphabet. **Offered:** Alternate years.

MU 345. Teaching Music in the Elementary School I (2)

This class focuses on the major approaches to music education including Kodaly, Orff, Gordon's music Learning Theory, Dalcroze, and Suzuki with an internship experience. **Offered:** Alternate years

MU 346. Teaching Music in the Elementary School II (2)

This class focuses on the application of the learning theories presented in MU 345, procedures, and objectives in school music in the primary and intermediate grades including a classroom internship experience and technology intensive lesson component.

Prerequisites: MU 345 **Offered:** Alternate years

MU 347. Teaching Music in the Secondary School 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. See ED 354.

MU 348. Teaching Music in the Secondary School 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 internship experience and a technology intensive lesson component. **Prerequisites:** MU 332

MU 350. Northwesterners (1)

A vocal ensemble of select personnel chosen by audition. Membership open to non-majors as well as majors. **Fees:** Additional fee required. May be repeated for credit.

MU 353. Church Music Resources and Materials (3)

Techniques and resources for all aspects of music and worship in the church, including online and publisher resources, professional journals and organizations, equipment, working with volunteers, development of age-group choirs and ensembles, development of instrumental and hand bell ensembles, and musical production techniques. **Offered:** Alternate years.

MU 360. Choral Conducting (2)

Introduction to the fundamentals of conducting techniques, rehearsal methods, and choral music scores. **Prerequisites:** Instructor's permission. **Offered:** Alternate years

MU 361. Instrumental Conducting (2)

Introduction to instrumental conducting including rehearsal techniques and band and orchestral score-reading. **Prerequisites:** MU 360; or, instructor's permission. **Offered:** Alternate years

MU 362. Choral Conducting, Methods, and Materials (3)

Introduction to the fundamentals of conducting, rehearsal methods, and choral scores. Topics include development of a school choral music program, finding choral music of various styles, genres, and diverse cultures, and classroom management suitable for school choirs. **Prerequisites:** Instructor's permission. **Offered:** Alternate years.

MU 363. Instrumental Conducting Methods, and Materials (3)

Introduction to instrumental conducting, including rehearsal techniques, as well as band and orchestral score-reading. Topics include development of a school instrumental program, finding instrumental music of various styles, genres, diverse cultures, and classroom management suitable for school bands. **Prerequisites:** Instructor's permission. **Offered:** Alternate years.

MU 375. Symphonic Literature (1)

A study of representative symphonic literature from the baroque, classic, romantic, and modern periods (18th, 19th, and 20th centuries). **Prerequisites:** Instructor's permission. May be repeated for credit.

MU 395. Field Experience in Music Management (1)

Hands-on experience managing a large ensemble through a tour; or managing several small ensembles in small venue performances. Management considerations include logistics, budgets, travel, housing and equipment needs for a variety of music groups.

MU 410. Forms and Analysis (3)

A study of standard musical forms in music from the common practice period to the present. **Prerequisites:** MU 222, 223, or instructor's permission. **Fees:** Additional fee required. **Offered:** Alternate years

MU 425. Instrument or Voice (1-2)

Private instruction in piano, voice, organ, strings, percussion, woodwind or brass instruments. Available to juniors and seniors who are applied music majors and other juniors and seniors who have reached an appropriate level of proficiency. **Prerequisites:** Instructor's permission **Fees:** Additional fee required. May be repeated for credit.

MU 439. Piano Methods (3)

A study of teaching materials and methods for the beginner through college level.

MU 441. Voice Methods (3)

A study of voice production, teaching methods and repertoire for the various voice classifications. **Offered:** Offered alternate years

MU 451. Music in Worship and Ministry (3)

In-depth study of the role and function of music in worship and the role of the church musician in the ministry of the local church. Particular attention will be given to exploration of a variety of musical worship traditions and their musical cultures. The course will acquaint the student with day-to-day practices in ministry in the local church, administrative practices, and pastoral staff relationships. **Offered:** Alternate years.

MU 494. Special Topics (1-3)

A concentrated study of one topic in music. **Prerequisites:** Instructor's permission. May be repeated for credit.

MU 495A. Internship in Church Music (1-3)

A 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.

MU 495B. Internship in Audio Engineering (1-3)

Hands-on experience mixing, reinforcing and recording sound in musical performance venues. Students will learn about professional audio engineering equipment and techniques in chapel, church and/or studio settings.

MU 498. Seminar in Music Business Management (3)

Topics researched and discussed in this seminar will include producing and selling a musical recording, creation and management of a recording label, marketing and promotion and copyright issues. **Offered:** Alternate years

Natural Science (NS)

NS 294. Topics in Natural Science (1-3)

A study of a current topic in science of an interdisciplinary nature. Topics may include, but are not limited to, natural resources practicum, field geology of the Pacific Northwest, and field geology. **Prerequisites:** Instructor's permission.

NS 394. Topics in Natural Science (1-3)

A study of a current topic in science of an interdisciplinary nature. Topics may include, but are not limited to, natural resources practicum, field geology of the Pacific Northwest, and field geology. **Prerequisites:** Instructor's permission.

NS 494. Topics in Natural Science (1-3)

A study of a current topic in science of an interdisciplinary nature. Topics may include, but are not limited to, natural resources practicum, field geology of the Pacific Northwest, and field geology. **Prerequisites:** Instructor's permission.

Nursing (NU)

NU 100. Introduction to the Profession of Nursing (2)

Introduces the student to NNU's nursing curriculum, and the concepts of God, family, person, health, environment and nursing; explores the profession of nursing and the role of the nurse within the healthcare system. An introduction to the nursing process and nursing theory will be presented. **Fees:** Additional fee required.

NU 200. Health Assessment and the Promotion of Family Health (5)

Evidence-based practice as the foundation for clinical nursing and an introduction to the therapeutic use of self and communication skills will be emphasized in this course which focuses on health assessment and promotion of individuals and their families from a variety of cultural backgrounds. Primary emphasis will be on the families of school-age children, adolescents, and the elderly. The concepts of family nursing, family theory, dosage calculations, Nursing Code of Ethics, and the Nursing: Scope & Standards of Practice will be introduced. Clinical/Nursing Learning Center component. Fulfills a General Education Tier II Cross-Cultural Experience. **Prerequisites:** NU 100, PY 155, BI 201, BI 201L, EN 102, SO 155, CM 121, CM 121L, BI 203, BI 203L; admission to the nursing program. **Fees:** Additional fee required.

NU 203. Fundamentals of Family Health Nursing (5)

An introduction to the fundamental cognitive, affective and psychosocial knowledge and skills needed for professional nursing practice within a family focused context. Application of evidence based practice and the nursing process in diverse health care settings will be emphasized. Examination of the impact of illness on families will be presented within the context of common human needs. An introduction to pharmacotherapeutics will be included. Clinical/Nursing Learning Center component.

Prerequisites: NU 200, 210, BI 242, BI 242L, KI 273, PY 210. **Fees:** Additional fee required.

NU 210. Medical Terminology Online (1)

An interactive presentation designed to prepare students for comprehension and utilization of medical terminology in health professions.

NU 300. The Childbearing and Childrearing Family (6)

Emphasis will be on the family during the reproductive years. Focus will be health promotion and preventive care from preconception through early childhood. Application of pharmacology pertaining to children and childrearing families will be incorporated. Genetics related to childhood conditions will be presented. HIV/AIDS and its impact on the family will be included. Clinical/Nursing Learning Center component. **Prerequisites:** NU 302, 303. **Fees:** Additional fee required.

NU 302. Family Mental Health (3)

The stressors that impact the health of the family will be explored. The nurse's role in families experiencing acute and chronic mental illness will be emphasized. Application of pharmacology pertaining to mental disorders will be incorporated. Clinical component. Fulfills a General Education Tier II Cross-Cultural Experience. **Prerequisites:** NU 203, BI 382, EN 202. **Fees:** Additional fee required.

NU 303. The Family With Acute and Chronic Health Needs (7)

The impact of illness or injury that affects the individual and the family within acute care settings will be emphasized. Critical thinking, evidence-based practice, nursing management of clients and application of pharmacology pertaining to acute/chronic health care needs will be incorporated. Clinical/Nursing Learning Center component. **Prerequisites:** NU 203, BI 382, EN 202. **Fees:** Additional fee required.

NU 400. The Family with Complex Health Needs (7)

The impact of multifactorial complex health needs on the family will be explored. Critical thinking, evidence-based practice, nursing management of clients and the application of pharmacology pertaining to complex health needs will be practiced within high acuity settings. Family presence in such settings and end of life issues will be incorporated. Clinical/Nursing Learning Center component. **Prerequisites:** NU 300. **Fees:** Additional fee required.

NU 401. The Family Within the Community (4)

Critical thinking in the nursing management of individuals within the family context will address gender specific health and vulnerable individuals. The safety and wellbeing of the family within the community will be emphasized. The environmental impact on the health of families will be a focus. Global health and cultural competency issues will be addressed. Clinical component. Fulfills a General Education Tier II Cross-Cultural Experience. **Prerequisites:** NU 300. **Fees:** Additional fee required.

NU 402. Leadership and Management in Professional Nursing (3)

An investigation of theories and principles of leadership and management applied within professional nursing practice. Nursing and health care trends within the context of regional, national and international arenas will be explored. **Prerequisites:** NU 400, 401, 403. **Corequisites:** NU 404.

NU 403. Nursing Research (3)

An analysis of the research process. Students will be guided in applying and incorporating research into evidence-based nursing practice. **Prerequisites:** NU 300, MA 224 or comparable statistics course.

NU 404. Transition to Professional Nursing Practice (4)

A capstone course in which students demonstrate competency in caring for the family. Students practice professional nursing in a variety of health care settings under the mentorship of a preceptor. Socialization into the profession allows the student to make the transition from student to nurse. Practical application of leadership and management theories in professional nursing practice and delivery of health care are experienced. Clinical component. **Prerequisites:** NU 400, 401, 403. **Corequisites:** NU 402. **Fees:** Additional fee required.

Off-Campus (OC)

OC 194. 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.

OC 294. 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.

OC 394. 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.

OC 494. 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.

Physics (PH)

PH 106. 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.

PH 106L. Descriptive Astronomy Laboratory (1)

A laboratory course taught in connection with PH 106. Observational and laboratory activities are included, some in the evenings. **Corequisites:** PH 106 **Fees:** Additional fee required

PH 111. College Physics I (3)

A comprehensive non-calculus based approach to the fields of physics. Designed for students whose career goals are architecture, business, physical therapy, science education, and pre-medicine. Emphasis is placed on problem solving. Topics covered include mechanics, heat, thermodynamics and sound. **Prerequisites:** MA 130, 140, or pass the COMPASS math examination through trigonometry. **Corequisites:** PH 111L

PH 111L. 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. **Corequisites:** PH 111 **Fees:** Additional fee required.

PH 112. College Physics II (3)

A comprehensive non-calculus based approach to the fields of physics. Designed for students whose career goals are architecture, business, physical therapy, science education, and pre-medicine. Emphasis is placed on problem solving. Topics covered include electricity and magnetism, light and optics, and modern physics. **Prerequisites:** PH 111; MA 130, 140; or pass the COMPASS math examination through trigonometry. **Corequisites:** PH 112L

PH 112L. 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. **Corequisites:** PH 112 **Fees:** Additional fee required.

PH 211. 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. **Prerequisites:** MA 251 **Corequisites:** PH 211L

PH 211L. 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. **Corequisites:** PH 211 **Fees:** Additional fee required

PH 212. 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, and light and optics. **Prerequisites:** MA 251, 252 **Corequisites:** PH 212L

PH 212L. Physics for Science and Engineering II Laboratory (1)

The laboratory uses the discovery approach to physical principles. Selected experiments from the fields of electricity and magnetism, and light and optics will be performed. **Corequisites:** PH 212 **Fees:** Additional fee required

PH 231. Instrumentation in Experimental Physics I (1)

An introduction into using instrumentation in experiments. Includes using instrumentation software such as LabVIEW to design virtual instruments and interface hardware. Error analysis of measurements is also studied. Selected experiments in physics using instruments commonly used in the discipline will be performed. Experimental devices used to acquire data will be explored, such as oscilloscopes, digital multimeters, thermocouples, adc's and dac's, Geiger counters, SEM and vacuum systems. **Prerequisites:** PH 211, 212. **Fees:** Additional fee required

PH 232. Instrumentation in Experimental Physics II (1)

A continuation of PH 231 in instrumentation in experiments. Advanced LabVIEW programming and interfacing with instruments. This is accomplished by using experimental devices to acquire data, such as oscilloscopes, digital multimeters, thermocouples, adc's and dac's, Geiger counters, SEM and vacuum systems. **Prerequisites:** PH 211, 212, 231. **Fees:** Additional fee required

PH 294. 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.

Prerequisites: Instructor's permission. May be repeated for credit.

PH 313. 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. **Prerequisites:** PH 212 **Corequisites:** PH 313L

PH 313L. 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, 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, and others pertaining to topics covered in class. **Corequisites:** PH 313 **Fees:** Additional fee required

PH 341. Analytic Mechanics (3)

Applications 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. **Corequisites:** PH 211; MA 353,354 (or as a Pre-requisite) **Offered:** Alternate years

PH 342. Vibrations and Waves (3)

An introduction to oscillatory phenomena and wave motion. The concepts and phenomena taught in this course occur throughout nature from biology to quantum mechanics. Topics include: free, damped and forced vibrations, resonance, coupled oscillators; the nature of traveling waves and transport of energy; types of waves including sound, water waves and light; interference, beats and standing waves; dispersion; simple diffraction phenomena. **Corequisites:** PH 211; MA 353,354 (or as a Prerequisite)

Offered: Alternate years

PH 351. Thermodynamics and Statistical Mechanics (3)

An integrated approach to the study of thermodynamics and statistical mechanics. Topics covered include the properties of gases, liquids, and solids from a thermodynamic viewpoint; phase diagrams, first, second and third laws of thermodynamics and related state functions such as energy, entropy, enthalpy; free energy and the Gibbs function with applications to chemical and physical systems. Additional topics include probability distributions for classical and quantum systems; microcanonical, canonical and grand canonical partition-functions and associated thermodynamic potentials; conditions of thermodynamic equilibrium for homogenous and heterogenous systems. **Prerequisites:** PH 211; MA 353. **Offered:** Alternate years

PH 394. 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. **Prerequisites:** PH 212, MA 354. May be repeated for credit.

PH 461. Electricity and Magnetism (3)

A vector calculus based examination of the laws of Gauss, Biot-Savart, Ampere and Faraday; application of the equations of Laplace and Poisson to boundary valued problems. Maxwell's equations are introduced and used to investigate electromagnetic wave propagation in different media and radiation from antennas. **Corequisites:** PH 212; MA 353,354 (or as Prerequisites)

Offered: Alternate years

PH 472. 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. **Prerequisites:** PH 313; MA 353, 354. **Offered:** Alternate years

PH 481. Fundamentals of Quantum Mechanics (3)

A beginning course in quantum mechanics which starts with the postulates and derives Schroedinger'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. **Prerequisites:** PH 313; MA 353,354. **Offered:** Alternate years

PH 497. Research (1)

Participation with a faculty member in an individual investigative project or literature review. Required of all physics and engineering physics majors. May be repeated for credit.

PH 498. Senior Seminar (1)

Required of and limited to seniors. Involves a written and oral presentation of work completed in PH 497 or EG 497.

Prerequisites: Instructor's permission.

Philosophy (PL)

PL 201. 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.

PL 202. 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.

PL 301. History of Ancient and Medieval Philosophy (3)

A chronological study of the foundations of Western thought from the early Greeks through the medieval period, concentrating on the primary source material from Plato, Aristotle, Augustine, and Thomas Aquinas.

PL 302. History of Modern Philosophy (3)

A survey of the major philosophers of the 17th, 18th, and 19th centuries with special consideration for the influence of their thought upon the modern world.

PL 306. Critical Reasoning (2)

An introduction to the science and art of reasoning, including both deductive and inductive reasoning processes. Basic concepts such as validity, soundness, strength, and argument evaluation will be covered. The course will be primarily concerned with uncovering pitfalls in everyday reasoning, e.g., probabilistic reasoning, informal fallacies, biases and distortions in perception and memory, context and emotion in thought processes, and social aspects of reasoning and persuasion.

PL 307. Formal Logic (2)

An introduction to the characteristics of valid argumentation, including the recognition, recasting, construction, and evaluation of arguments and statements. The principles of symbolic logic, including both the syntax and the semantics of the sentential and the predicate calculus, will be covered. **Offered:** Alternate years.

PL 341. 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 TH 341) **Offered:** Alternate years.

PL 351. Philosophy of Science (2)

A survey of the important epistemological foundations of scientific investigation. The study will provide students with an opportunity to make critical evaluation of these foundations. The nature of scientific inquiry and discovery will be examined historically. The course will also focus attention on ethical implications of scientific investigations and will stress interdisciplinary dialogue.

PL 358. Love (3)

An examination of theological and philosophical aspects of love. There will be a spiritual formation project. **Prerequisites:** TH 211. (See TH 358)

PL 360. 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 the decisions that are made in the dynamic of modern medical care.

PL 394. 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. **Offered:** Alternate years.

PL 421. Contemporary Philosophy (3)

A survey of the philosophers of the 20th century and the trends in natural, social, and political science that have impacted their thought. Both the analytic and continental streams of thought will be addressed with special attention given to positivism, existentialism, linguistic analysis, and postmodernism. **Prerequisites:** 4 credits in philosophy or instructor's permission. **Offered:** Alternate years.

PL 442. Metaphysics and Epistemology (3)

A systematic study of the structure and meaning of reality as well as the nature of knowledge and what constitutes a valid knowledge claim. The study may include such issues as space, time, causation, universals, possible worlds, freedom, God, skepticism, other minds, belief, truth and justification. **Prerequisites:** 4 credits in philosophy or instructor's permission. **Offered:** Alternate years.

PL 452. Philosophy of Religion (3)

A constructive study of religious claims, thoughts, and practices from the philosophic point of view. Special attention is given to problems such as: the idea of God, immortality, evil, freedom and determinism. **Prerequisites:** 4 credits in philosophy or instructor's permission. **Offered:** Alternate years.

PL 498. 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. **Prerequisites:** 6 credits in philosophy or instructor's permission. **Offered:** Alternate years.

STEP PROGRAM

PL 312. Philosophical Concepts (3)

An introduction to basic philosophical concepts. Special attention will be given to understanding and critical response. **Prerequisites:** Admission to the STEP Program.

Political Science (PS)

PS 101. 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 U.S.

PS 103. The Foundations of Politics: The Quest for Peace and Justice (3)

Special emphasis given to 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.

PS 105. 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.

PS 331. 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.

PS 333. 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 HS 333). **Offered:** Alternate years.

PS 341. American Political Thought and Ideology (3)

A critical investigation of political ideas and ideologies from the pre-revolutionary era through the founding period, early 20th century and New Deal, to present distinctions between liberals, conservatives, and other contemporary political orientations. The course examines the evolution of American political discourse, with particular emphasis on liberty, equality, the locus of power in the American political system, and the relationship between the included and excluded in American political history. **Offered:** Alternate years.

PS 352. 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.

PS 361. Comparative Politics (3)

An in-depth study of how nations are governed and how different political systems operate. This course examines how modern political systems try to resolve complex domestic and international problems. Topics include nation-building, the role of ideology and leadership, and the relationship between political and economic development. **Offered:** Alternate years.

PS 394. Topics in Political Science (2-3)

An examination of various aspects of politics and political science conducted in a seminar format. May be repeated for a maximum of 4 credits.

PS 441. 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.

PS 442. 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.

Prerequisites: PS 441 or instructor's permission. **Offered:** Alternate years.

PS 456. International Peace and Global Governance (3)

An in-depth study of conflict and conflict resolution in the international political system. This course examines various theories and models such as negotiation theory, peace studies, biblical models, international law, global human rights, and international order models. **Offered:** Alternate years.

PS 496. 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 permission.

PS 497. Senior Thesis (3)

A capstone experience involving the writing of a major research paper under the close supervision of a political science faculty member. The paper is subject to multiple stages of criticism and rewriting. Required of all political science and international studies majors.

PS 498. Seminar in International Studies (3)

An in-depth examination of a particular problem, issue, or event in global affairs. The course is discussion-centered and involves extensive readings in the field of international studies. **Offered:** Alternate years.

Practical Theology (PT)

PT 125. Christian Ministry Retreat (1)

A fall retreat for all Christian ministry majors, with specific emphases in spiritual formation and the development of community among students. Typically during a September weekend. **Corequisites:** One of the following: CE 181 or PT 171 **Fees:** Additional fee required.

PT 144. Ministerial Scholarship Practicum (0)

A practicum designed to foster spiritual formation through reflecting on personal spiritual reading (assigned weekly), sharing, accountability and prayer. This course will connect classroom learning about the Bible, theology and ministry to local church practice (praxis) through weekly ministry experience in churches and other ministry situations. Required for all ministerial scholarship recipients.

PT 171. Introduction to Christian Ministry (1)

A study of the meaning of a call to vocational ministry. Topics included are standards of character and service, demands and opportunities confronting the ministry, and guidance in planning college courses. **Corequisites:** PT 125.

PT 240. Introduction to Christian Missions (3)

An introduction to the study of Christian missions. Attention will be given to biblical and theological foundations, historical perspectives, and cultural dimensions of missions in a contemporary world setting. A field trip is a required part of the course. **Fees:** Additional fee required.

PT 244. Ministerial Scholarship Practicum (0)

A practicum designed to foster spiritual formation through reflecting on personal spiritual reading (assigned weekly), sharing, accountability and prayer. This course will connect classroom learning about the Bible, theology and ministry to local church practice (praxis) through weekly ministry experience in churches and other ministry situations. Required for all ministerial scholarship recipients.

PT 260. Foundations for Cross-Cultural Ministry (1)

Exploration of the call to and preparation for missionary service. Aptitude for cross-cultural service and conflict management skills will be emphasized. Weekend seminar. **Fees:** Additional fee required.

PT 296. Field Experience in Christian Ministry (1)

A study of and practical application of topics in pastoral theology. In addition to the weekly class time, the student will contract to be involved in some phase of Christian ministry in a local church or other appropriate ministry setting. **Prerequisites:** PT 171. **Fees:** Additional fee required.

PT 310. Pastoral Theology (2)

A survey of pastoral care, ministerial leadership and theology in the context of parish ministry. This course explores the pastoral office by focusing on who ministers are and what they do. **Prerequisites:** PT 171.

PT 321. Spiritual Formation and Christian Discipleship (2)

A study of the theory and practice of spiritual formation and Christian discipleship. Attention will be given to the reflective discipline of one's own individual journey with God in personal spiritual development. Further attention will be given to discipling through mentoring and in small groups. A spiritual formation weekend retreat is an integral part of this course and is required of all students. **Prerequisites:** PT 171. **Fees:** Additional fee required.

PT 322. Worship Theory and Development (2)

A study of the principles of Christian worship. Attention will be given to the development of contextualized, theologically informed worship as well as the rites and sacraments of Christian worship.

PT 324. Worship Leadership and Practice (2)

A study relating to the development of the worship leader and the task of creating meaningful worship experiences in one's ministry context. **Prerequisites:** PT 322. **Offered:** Alternate years.

PT 340. Cross-Cultural Communication of the Gospel (2)

A study of cultural and strategic dimensions involved in cross-cultural communication of the gospel. Consideration will be given to assessing cultural contexts and applying sound biblical and theological principles to strategies of communicating the gospel. **Prerequisites:** TH 211, PT 240. **Fees:** Additional fee required.

PT 344. Ministerial Scholarship Practicum (0)

A practicum designed to foster spiritual formation through reflecting on personal spiritual reading (assigned weekly), sharing, accountability and prayer. This course will connect classroom learning about the Bible, theology and ministry to local church practice (praxis) through weekly ministry experience in churches and other ministry situations. Required for all ministerial scholarship recipients.

PT 371. Preaching (2)

A study of the preparation and delivery of sermons within the context of worship, including practice preaching. **Prerequisites:** BL 311 or 312; CO 121.

PT 375. Compassionate Ministries (2)

A study of the theology of social holiness as expressed in a life of compassionate stewardship. The course will explore current literature and programs being developed by evangelical churches focusing on compassionate ministries. Special attention will be given to urban compassionate ministry centers being developed by the Church of the Nazarene. A field trip is a required part of the course. Fulfills a General Education Tier II Cross-Cultural Experience. **Fees:** Additional fee required.

PT 388. Camping and Recreation Ministry (2)

An introduction to the philosophy, methods and skills necessary to plan, organize and administer camping and recreation ministries for the local church and/or other connected entities. **Fees:** Additional fee required.

PT 394. Topics in Practical Theology (1-3)

An examination of some phase of practical theology not covered in other courses. May be repeated for credit.

PT 396. Field Experience in Christian Ministry (1)

A study of and practical application of topics in pastoral theology. In addition to the weekly class time, the student will contract to be involved in some phase of Christian ministry in a local church or other appropriate ministry setting. **Prerequisites:** PT 296. **Fees:** Additional fee required.

PT 444. Ministerial Scholarship Practicum (0)

A practicum designed to foster spiritual formation through reflecting on personal spiritual reading (assigned weekly), sharing, accountability and prayer. This course will connect classroom learning about the Bible, theology and ministry to local church practice (praxis) through weekly ministry experience in churches and other ministry situations. Required for all ministerial scholarship recipients.

PT 471. Missional Growth and Health (2)

A study of the church's mission and development with special emphasis on church health and growth. Attention will be given to the skills of observation of church and community, both historical and contemporary. Students will describe the socialization and dynamics of the church to culture, and develop skills for effective ministry. A field trip is required. **Fees:** Additional fee required.

PT 476. Communicating the Gospel (2)

An advanced study utilizing visual elements in teaching and preaching. Attention is given to the use of visual metaphors in biblical communication.

PT 482. Pastoral Leadership (3)

A study of leadership and administration in Christian ministries. Areas to be discussed will include: spiritual gifts; selecting, organizing, and maintaining a church staff; conflict management and professional ethics. Field trips to several churches will be included. **Fees:** Additional fee required.

PT 496. Internship in Ministry (3)

A practical course, open only to seniors in the Department of Religion, involving ministry experience in areas including 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. **Prerequisites:** PT 171, PT 296, PT 396 or instructor's permission. **Fees:** Additional fee required.

Psychology (PY)

PY 125. 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. **Fees:** Additional fee required.

PY 155. 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.

PY 210. 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:** PY 155.

PY 211. 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. **Prerequisites:** sophomore classification. (See ED 211).

PY 274. Helping Skills (2)

An introduction to the principles of counseling and psychotherapy and identification of and practice in the basic helping skills. **Prerequisites:** PY 155.

PY 336. Child Psychology (2)

An overview of the emotional and cognitive development of the child. Attention is given to interruptions in the normal developmental pathways. **Prerequisites:** PY 155; PY 210 or SW 285.

PY 345. 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:** PY 125 or PY 155.

PY 355. Psychology of Religion (2)

A study of the psychological implications of religious experience and a comparison of psychological and religious views of human behavior. **Prerequisites:** PY 155. **Offered:** Alternate years

PY 364. Experimental Design and Statistical Analysis I (3)

A course that integrates experimental methodology and statistical data analysis procedures in behavioral science. Emphasizes statistical descriptions, statistical inference, and hypothesis testing. **Prerequisites:** 6 credits in psychology or related field. **Corequisites:** PY 364L Fulfills the General Education Mathematics Competency requirement.

PY 364L. Experimental Design and Statistical Analysis Laboratory I (1)

Students will be introduced to SPSS and the process of independent data collection. **Corequisites:** PY 364

PY 365. Experimental Design and Statistical Analysis II (3)

A course that integrates experimental methodology and statistical data analysis in behavioral science. Emphasizes experimental design, data collection, laboratory experience, and scientific report writing. **Prerequisites:** PY 364 **Corequisites:** PY 365L

PY 365L. Experimental Design and Statistical Analysis Laboratory II (1)

Students will participate in group and individual data collection and advanced SPSS procedures and interpretation. **Corequisites:** PY 365

PY 366. Adolescent Psychology (2)

A study of the psychological dynamics of the adolescent period. An analysis is made of those factors which create problems and shape the behavior of adolescents. **Prerequisites:** PY 155 and PY 210.

PY 375. Counseling Theory (2)

A study of the fundamental theories of counseling and psychotherapy, with emphasis on the psychological processes involved in counseling. **Prerequisites:** 3 credits in psychology.

PY 376. Adult Psychology (2)

A course which examines theories that deal with physical, intellectual, social and emotional development in the post-adolescent years, including issues related to the elderly. **Prerequisites:** PY 155; PY 210 or SW 285. **Offered:** Alternate years

PY 385. 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: BI 201, BI 203, or BI 221. (See BI 385) **Corequisites:** PY 385L **Fees:** Additional fee required. **Offered:** Alternate years

PY 385L. Biological Foundations of Behavior Laboratory (1)

Students will complete lab tasks involving exploration of biopsychological concepts. Students will also complete dissection of a sheep brain and a cow eye. (See BI 385L) **Corequisites:** PY 385 **Offered:** Alternate years

PY 394. Topics in Psychology (1-3)

A variety of subjects are presented. Different topics are covered each offering. May be repeated for credit with change of topic.

PY 396. Field Experience (1-2)

Readings and supervised field experience designed to give the student practical application in the areas of assessment, counseling, and behavior modification. **Prerequisites:** Instructor's permission. May be repeated for a maximum of 4 credits.

PY 411. Psychology of Learning (3)

An examination of the basic principles and theories of learning with major attention given to the problems of human learning. **Prerequisites:** 9 credits in psychology. **Corequisites:** PY 411L **Fees:** Additional fee required.

PY 411L. Psychology of Learning Laboratory (1)

Students will be involved in an animal behavior lab experience. **Corequisites:** PY 411

PY 435. 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. **Offered:** Alternate years

PY 455. Social Psychology (3)

A study of the inter-relationships of individuals and their social environments, including the methods of investigation and some of the theories and findings of the field of social psychology. (See SO 455). **Prerequisites:** 3 credits in sociology or 3 credits in psychology.

PY 461. 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. **Prerequisites:** 12 credits in psychology. **Fees:** Additional fee required. **Offered:** Alternate years

PY 472. Group Theory and Processes (3)

A study of historical and contemporary settings of groups and theoretical foundations of group work, with experience activities involving group dynamics. (See SO 472). **Prerequisites:** PY 375 or SW 355 **Corequisites:** PY 472L

PY 472L. Group Theory and Processes Laboratory (1)

The student will participate as a member of a personal growth group experience. **Corequisites:** PY 472

PY 475. History and Systems of Psychology (2)

An historical survey of modern psychology and an analysis of its classical systems and contemporary theories. **Prerequisites:** 16 credits in psychology. **Offered:** Alternate years

PY 495. Practicum in Mental Measurement (3)

An introduction to the most widely used, individually administered intelligence tests: Kauffman Assessment Battery for Children, the Wechsler Intelligence Test series, and the Stanford Binet Intelligence Scale. Administration, scoring, interpretation, and report writing are emphasized. **Prerequisites:** PY 461 and instructor's permission. **Offered:** Alternate years

PY 497. Research (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.

Prerequisites: PY 364, PY 365, and instructor's permission. May be repeated for a maximum of 6 credits.

Religious Studies (RS)

RS 356. World Religions: Asian Traditions (2)

An historical, descriptive, and theological examination of the great religious traditions originating in Asia, including Hinduism, Buddhism, Taoism, Confucianism, and Shintoism. Fulfills a General Education Tier III Cross-Cultural Experience.

Prerequisites: BL 111, TH 211.

RS 357. World Religions: Western Traditions (2)

A historical, descriptive, and theological examination of the dominant Western monotheistic traditions of Judaism, Christianity, and Islam. Special attention will be given both to each tradition's uniquenesses as well as to their historical and theological connections. A brief study of Zoroastrianism will be included. Fulfills a General Education Tier III Cross-Cultural Experience.

Prerequisites: BL 111, TH 211.

RS 394. Topics in Religious Studies (1-3)

An examination of some phase of religious studies not covered in other courses. May be repeated for credit.

RS 440. 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. **Prerequisites:** BL 111, TH 211. **Offered:** Alternate years.

RS 460. 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. **Prerequisites:** BL 312. **Offered:** Alternate years.

Sociology (SO)

SO 155. Introduction to Sociology (3)

An introduction to the sociological perspective and to basic theories and procedures for studying society, with an emphasis on understanding the fundamental nature of social relationships, structures, and processes.

SO 203. Cultural Anthropology I (2)

A course focusing 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 Tier III Cross-Cultural Experience. **Offered:** Alternate years.

SO 204. Cultural Anthropology II (2)

A course focusing on the function and interpretation of cultural arrangements and practices and their implications for working in a cross-cultural context. Fulfills a General Education Tier III Cross-Cultural Experience. **Offered:** Alternate years.

SO 225. Issues of Developing Nations I (3)

A course designed to guide students in the study of under or lesser developed nations. Recognizing the issues are complex, the course covers the interrelatedness of political, cultural and economic development as well as the influences of religion, conflicts and special populations. The course is interdisciplinary in nature. **Offered:** Alternate years.

SO 243. Social Problems in Modern Society (2)

An examination of the origin, development, and attempted solutions of some of the major problems confronting contemporary society. Sociological and Christian perspectives are utilized in analyzing and responding to problems of focus. Recommended: SO 155. **Offered:** Alternate years.

SO 252. Criminology (3)

A study of the causes and types of crime and deviance and of the classes and nature of offenders. Means of treating the offender and of prevention are also considered. Recommended: SO 155 or SO 243. **Offered:** Alternate years.

SO 253. Juvenile Delinquency (3)

A study of the forms, causes, and consequences of juvenile deviance. Means for treating the offender and of prevention are also considered. Recommended: SO 155 or SO 243. **Offered:** Alternate years.

SO 318. Race, Class and Ethnicity (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: SO 155 or SO 243. Fulfills a General Education Tier II Cross-Cultural Experience. **Offered:** Alternate years.

SO 325. Issues of Developing Nations II (3)

A course designed to allow students an advanced study of under or lesser developed nations. Students will study the interrelated issues of political, cultural and economic development as well as the influence of religion, conflicts and special populations.

Students will select a discipline in which she or he will complete an in-depth study. **Prerequisites:** SO 155, EC 105 or PS 105. **Offered:** Alternate years.

SO 334. Sociology of the Family (3)

A study of the nature and diversity of marriage and family relationships, and of perspectives for investigating and understanding the social issues and forces impacting them with the aim of clarifying standards and objectives. Recommended: SO 155.

Offered: Alternate years.

SO 355. Sociology of Religion (3)

An examination of the changing role and function of religion for the individual and in society, with emphasis on understanding and responding to the forces conditioning the nature of this relationship. Recommended: SO 155, SO 204, or SO 243. **Offered:** Alternate years.

SO 455. Social Psychology (3)

A study of the inter-relationships of individuals and their social environments, including the methods of investigation and some of the theories and findings of the field of social psychology. (See PY 455). **Prerequisites:** 3 credits in sociology or 3 credits in psychology.

SO 472. Group Theory and Processes (3)

A study of historical and contemporary settings of groups and theoretical foundations of group work, with experience involving group dynamics. (See PY 472). **Corequisites:** SO 472L

SO 472L. Group Theory and Processes Laboratory (1)

A study of historical and contemporary settings of groups and theoretical foundations of group work, with experience involving group dynamics. (See PY 472L). **Corequisites:** SO 472

Spanish (SP)

SP 101. 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.

SP 102. Elementary Spanish (4)

A continuation of SP 101. 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. **Prerequisites:** SP 101 or equivalent.

SP 201. 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. **Prerequisites:** SP 102 or equivalent.

SP 202. Intermediate Spanish (4)

A continuation of SP 201. 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. **Prerequisites:** SP 201 or equivalent.

SP 301. 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. **Prerequisites:** SP 202 or instructor's permission. May be repeated for credit once. **Offered:** Alternate years.

SP 322. Spanish for Business (3)

A study of language, forms, and culture for conducting business in the Hispanic world. Useful for students majoring in business or for the general student. Students who are Business Administration majors will consult with a faculty advisor from the Business Department for the field placement and conditions. **Prerequisites:** SP 202. **Offered:** Alternate years.

SP 323. 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:** SP 202. **Offered:** Alternate years.

SP 331. 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 SP 351 Survey of Hispanic Literature.

Prerequisites: SP 202 or instructor's permission. May be repeated once for credit.

SP 342. Introduction to Spanish Linguistics (3)

A study of the basics of phonetics, phonology, syntax, and lexicon. **Prerequisites:** SP 201 or instructor's permission. **Offered:** Alternate years.

SP 351. 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 SP 331 Hispanic Civilization.

Prerequisites: SP 202 or instructor's permission. May be repeated once for credit.

SP 363. Teaching Foreign Language in the Secondary School (2)

A study of teaching strategies appropriate to this subject field, instructional materials and tools, curricular structure common to this subject in the secondary school. Includes opportunities for students to observe and teach a minimum of 20 hours in a secondary classroom. See ED 363. **Prerequisites:** Junior classification. **Corequisites:** ED 342, ED 343.

SP 394. 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.

Prerequisites: Instructor's permission if course is taught in Spanish. May be repeated for credit.

SP 395. Spanish Practicum (1-3)

Language and culture internship 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 internship for credit. Up to 4 semester credits may be earned through the internship in Spanish. The internship may be completed over one or more semesters during the academic year, depending on the nature of the internship and subject to approval by the chair of the department.

SP 497. Senior Thesis (3)

A capstone experience involving the writing of a major research paper under the close supervision of a modern language faculty member. The paper is subject to multiple stages of criticism and rewriting. Required of all Spanish majors.

Study Skills Courses (ST)

ST 121. College Study Methods (1)

Course content will include techniques for academic success at the university level with emphasis on the individual student's course work. Subjects to be included are time-management techniques, note-taking and listening skills, reading and critical thinking development, and essay and objective test taking tips. Topics of special interest to the individual student may also be included.

ST 132. Computer Applications - Introduction to Word (1)

A self-study course of introductory word processing concepts using Word. This course will be graded Pass/Fail.

ST 133. Computer Applications - Introduction to Excel (1)

A self-study course of basic spreadsheet concepts using Excel. This course will be graded Pass/Fail.

ST 135. Computer Applications - Introduction to PowerPoint (1)

A self-study course introducing PowerPoint. This course will be graded Pass/Fail.

ST 141. Reading Strategies (1)

A practical application of the strategies readers need to develop higher level reading and comprehension skills. Acquaints students with strategies for increasing speed, flexibility, vocabulary, and recognition of structure and organization in reading. May be repeated for credit.

ST 151. Mathematics Strategies (1)

An individualized study of mathematics emphasizing re-entry, review, or development of mathematics competency in new areas. May be repeated for credit.

ST 161. English Mechanics and Usage (1)

An individualized study of English writing conventions and parts of speech, emphasizing writing skills necessary to develop effective prose.

ST 181. Dependable Strengths (2)

Students are provided with various opportunities to evaluate personal strengths, values, and skills and to integrate them into career plans. A variety of instructional techniques will be utilized including: guest presentations, small and large group work, classroom discussion, student presentations, and "learning through doing" activities.

ST 371. Career Class: Living a Life You Love (2)

Students focus on personal strengths, values, skills, resume' writing, interviewing, and networking; integrating them into their career plans. A variety of instructional techniques are utilized including lectures, presentations by guest speakers with expertise in a wide variety of disciplines, classroom discussion, student presentations, and "learning through doing" activities.

Social Work (SW)

SW 172. Social Welfare in Contemporary Society (3)

An introduction to the recurrent needs of citizens and how society is organized to respond to these needs. 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. Also, the course includes a review of the history and current nature of social welfare services.

SW 211. Introduction to Social Work (3)

An introduction to the profession of social work. 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. Several social workers from varied practice specialties will be guests to describe their careers. Each student will be required to log some volunteer hours in a social service setting.

SW 285a. Human Behavior and the Social Environment I (2)

An assessment of the dynamic interactions of the social contexts in which human development occurs. This course will review the processes for biological, psychological, intellectual, emotional, and spiritual 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:** SW 211, BI 106, BI 106L, PY 155, SO 155 or SO 203, and PS 103 or EC 105.

SW 285b. Human Behavior and the Social Environment II (2)

An assessment of the dynamic interactions of the social contexts in which human development occurs. This course will review the processes for biological, psychological, intellectual, emotional, and spiritual 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. Fulfills a General Education Tier III Cross-Cultural Experience.

SW 296. Field Experience in Social Work (1-4)

An in-agency experience involving observation and participation in the delivery of social services. Agency assignments will be made by the instructor. **Prerequisites:** SW 172 or SW 211; or, the instructor's permission. May be repeated for a maximum of four credits.

SW 297. Urban Field Experience (1)

A several-day urban immersion experience and coordinated readings. The foci for this course will be to look at services for the homeless and the programs for the development of housing stock for low income people in one major urban area. **Prerequisites:** SW 172 or 211; and the instructor's permission.

SW 325. Substance Abuse, Prevention, and Intervention (3)

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 for professional social workers and allied treatment professionals 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. **Prerequisites:** SW 172 or 211; or, instructor's permission. **Offered:** Alternate years

SW 335. Child Welfare Services (3)

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:** SW 172 or 211; or, instructor's permission. **Offered:** Alternate years

SW 345. Gerontology and Geriatric Social Work (3)

An overview of the need for and the nature of social work practice with the increasing population of elderly Americans. This course includes a review of the multiple dimensions of aging and the implications of these for social work practice with the elderly. Material covering social work intervention strategies, governmental policies and programs, and societal values regarding services for the elderly will be considered. **Prerequisites:** SW 172 or 211; or, instructor's permission. **Offered:** Alternate years

SW 355a. Social Work Methods I (2)

A presentation of the basic skills, values, and knowledge bases for social work practice. The systemic contexts for the profession, its clients, and the nation's social welfare policies will form the background for instruction. The ecosystems perspective for social work practice will be used to focus on the individual and family client systems. **Prerequisites:** SW 211, 285a/b, and acceptance into Methods Sequence. **Corequisites:** SW 359a

SW 355b. Social Work Methods II (2)

A presentation of the basic skills, values, and knowledge bases for social work practice. The systemic contexts for the profession, its clients, and the nation's social welfare policies will form the background for instruction. The ecosystems perspective for social work practice will be used to focus on the individual and family client systems. **Prerequisites:** SW 211, 285a/b, and acceptance into Methods Sequence. **Corequisites:** SW 359a

SW 356a. Social Work Methods III (2)

An extension of the first practice methods courses (SW 355a/b). During this semester, attention will be given to the social worker engaging in intervention with groups, organizations, and macro client systems. Both the strengths perspective and the planned change/intervention process will be employed for teaching and analytical purposes. Diversity factors (e.g., racism, ageism, genderism, classism, sexual orientation and "foreignism") will be considered as issues for addressing assessment, case planning, and intervention. **Prerequisites:** SW 355a/b. **Corequisites:** SW 359a/b

SW 356b. Social Work Methods IV (2)

An extension of the first practice methods courses (SW 355a/b). During this semester, attention will be given to the social worker engaging in intervention with groups, organizations, and macro client systems. Both the strengths perspective and the planned change/intervention process will be employed for teaching and analytical purposes. Diversity factors (e.g., racism, ageism, genderism, classism, sexual orientation and "foreignism") will be considered as issues for addressing assessment, case planning, and intervention. **Prerequisites:** SW 355a/b. **Corequisites:** SW 359a/b

SW 359a. Skills Practicum (1)

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 for each semester enrolled. Attention will be given to identifying the knowledge, skills, and values bases of the profession. During this junior year practicum setting, each student shall practice using the planned-changed/intervention process (including assessment, goal setting, development of strategies, action plans, termination, and evaluation). **Corequisites:** SW 355a/b or 356a/b

SW 359b. Skills Practicum (1)

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 for each semester enrolled. Attention will be given to identifying the knowledge, skills, and values bases of the profession. During this junior year practicum setting, each student shall practice using the planned-changed/intervention process (including assessment, goal setting, development of strategies, action plans, termination, and evaluation). **Corequisites:** SW 355a/b or 356a/b

SW 359c. Skills Practicum (1)

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 for each semester enrolled. Attention will be given to identifying the knowledge, skills, and values bases of the profession. During this junior year practicum setting, each student shall practice using the planned-changed/intervention process (including assessment, goal setting, development of strategies, action plans, termination, and evaluation). **Corequisites:** SW 355a/b or 356a/b

SW 375. Social Welfare Policy (3)

An investigation of the history, development, and current nature of welfare policies in the United States. Some comparative material with other developed and developing countries will be added for the purposes of teaching and analysis. The dynamic interaction of organizations, rationale, and perspectives behind the policies and programs developed by federal, state, local, and private entities will be reviewed. Strategies for developing, implementing, and/or influencing the development of policies will be studied. **Prerequisites:** SW 172 or 211.

SW 397a. Social Work Research and Statistics I (2)

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 how to employ descriptive, exploratory, explanatory, and evaluative research (and supportive statistical tools) to assess one's professional practice and agency programs. The course will include an introductory review and use of SPSS (Statistical Package for the Social Sciences). **Prerequisites:** SW 211, 285a/b.

SW 397b. Social Work Research and Statistics II (2)

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 how to employ descriptive, exploratory, explanatory, and evaluative research (and supportive statistical tools) to assess one's professional practice and agency programs. The course will include an introductory review and use of SPSS (Statistical Package for the Social Sciences).

SW 494. Topics in Social Work (1)

A workshop format course designed to cover current topics of interest in the field of social work. **Prerequisites:** SW 285. This course may be repeated for credit.

SW 496a. Advanced Practicum in Social Work (4)

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, involving 200 hours of on-location time for each semester. **Corequisites:** SW 498a,b

SW 496b. Advanced Practicum in Social Work (4)

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, involving 200 hours of on-location time for each semester.

SW 496c. Advanced Practicum in Social Work (4)

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, involving 200 hours of on-location time for each semester.

SW 498a. Senior Field Seminar (1)

A senior-level seminar that runs concurrently with Advanced Practicum in Social Work. 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 the other students. The focus is for each student to be prepared for entry into generalist social work practice upon graduation. **Corequisites:** SW 496a/b/c

SW 498b. Senior Field Seminar (1)

A senior-level seminar that runs concurrently with Advanced Practicum in Social Work. 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 the other students. The focus is for each student to be prepared for entry into generalist social work practice upon graduation. **Corequisites:** SW 496a/b/c

SW 498c. Senior Field Seminar (1)

A senior-level seminar that runs concurrently with Advanced Practicum in Social Work. 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 the other students. The focus is for each student to be prepared for entry into generalist social work practice upon graduation. **Corequisites:** SW 496a/b/c

Theology (TH)

TH 211. 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:** BL 111.

TH 341. 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 PL 341)

TH 354. 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:** BL 111, TH 211.

TH 358. Love (3)

An examination of theological and philosophical aspects of love. There will be a spiritual formation project. **Prerequisites:** TH 211. (See PL 358).

TH 359. 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:** TH 211.

TH 394. Topics in Theology (1-3)

An examination of some phase of theology not covered in other courses. May be repeated for credit. **Prerequisites:** TH 211.

TH 424. 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:** BL 111, BL 311 or BL 312, TH 211.

TH 453. 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. **Prerequisites:** Two courses in theology or instructor's permission. **Fees:** Additional fee required.

TH 454. 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. **Prerequisites:** Two courses in theology or instructor's permission. **Fees:** Additional fee required.

STEP PROGRAM

TH 212. Survey of Christian Theology (3)

A study of the foundational doctrines of the Christian faith from a biblical perspective with special emphasis given to the Wesleyan-Arminian tradition. **Prerequisites:** Admission to the STEP Program.

TH 311. Studies in Theology (3)

An in-depth study of a selected theological topic. The specific focus of the class will be determined by the instructor and announced as the course subtitle. This course will include a spiritual formation component. **Prerequisites:** Admission to the STEP Program.

University Organization

Board of Trustees
 Administrative Services
 Faculty
 Vice Presidents Emeriti
 Assistant to the President Emeritus
 Faculty Emeriti
 Senior Fellows

Board of Trustees

ALASKA DISTRICT

Rev. Michael Couch
 Mr. Mike Zahare

COLORADO DISTRICT

Rev. David Ralph
 Mrs. Vicki Duerre
 Dr. Stan Reeder
 Rev. Alan Scott
 Dr. Dean Thoman
 Mr. Bob Walker

INTERMOUNTAIN DISTRICT

Dr. Stephen Borger
 Dr. Tim Bunn
 Mr. Gary Evans
 Rev. Michael O'Neill
 Mr. Randy Peterman
 Mr. David Slonaker

NORTHWEST DISTRICT

Rev. Randy Craker
 Mr. Brad Arnesen
 Mr. Rick Barton
 Dr. Holland Lewis
 Rev. Bob Luhn
 Mr. Dale Shafer

OREGON PACIFIC DISTRICT

Dr. James Healy
 Rev. Mark Bodenstab
 Mr. Robert Depew
 Mr. Chuck Frosland
 Rev. Mark Goodwin
 Rev. Ron Halvorson
 Mrs. Minnie Richards
 Mr. Bob Weatherford

ROCKY MOUNTAIN DISTRICT

Rev. Larry Coen
 Mrs. Liz Ott

WASHINGTON PACIFIC DISTRICT

Dr. Hugh Smith
 Mr. Gordon Harter
 Dr. Bob Helstrom

Mr. Dave Peterson
 Rev. David Rodes
 Rev. J. Scott Shaw
 Mr. Steve Walden
 Rev. Tim Westerberg

ALUMNI REPRESENTATIVE

Dr. Marilee Shively
UNIVERSITY PRESIDENT, EX-OFFICIO

GENERAL SUPERINTENDENT ADVISER

Dr. J. K. Warrick

OFFICERS

Chair: Randy Craker
 Vice Chair: Bob Luhn
 Secretary: Stephen Borger

EXECUTIVE COMMITTEE

University President
 Stephen Borger
 Randy Craker
 Bob Helstrom
 Bob Luhn
 Minnie Richards
 Alan Scott
 David Slonaker
 Steve Walden

Administrative Services

OFFICE OF THE PRESIDENT

President:
 Assistant to the President/Director of Church Relations: Michael Pitts
 University Chaplain: Gene Schandorff

OFFICE OF ACADEMIC AFFAIRS

Vice President for Academic Affairs: Samuel L. Dunn
 Learning Resources:
 Sharon I. Bull, Dean

Academic Advising and Testing: Ed Castledine, Chair

Academic Support Center: Barbara S. Howard, Chair

Career Center: Dianna Gunderson, Chair

Information Technology: Eric J. Kellerer, Chair/Executive Director

Library Services: Sharon I. Bull, Chair

Electronic Systems and Services Librarian: Lois Roberts

Reference and Instructional Services Librarian: LaRita Schandorff

User Services Librarian: Lance McGrath

Media Technology: Duane L. Slemmer, Chair/Associate Director of Information Technology

Director: James DeMoss

Print Shop Manager: Robert Minor

Registrar: Nancy Ayers, Chair

School of Arts, Humanities, and Social Sciences: Ronald E. Ponsford, Dean

Art: Amanda M. Hamilton, Chair

Behavioral Sciences and Cultural Studies: Glenna L. Andrews, Chair

Communication Studies: Arnold L. Ytreeide, Chair

English: Darrin L. Grinder, Chair

History and Political Science: Alan B. Wheatley, Chair

Music: Barry W. Swanson, Chair

School of Business: Ronald R. Galloway, Dean

Business of Economics: David C. Houghton, Chair

STEP: Jeff Lineman, Director

Graduate Business

MBA/MIBA Program Director: Bill Russell

School of Education, Social Work, and Counseling: James L. Bader, Dean

Undergraduate Programs

Education: Karen K. Blacklock, Chair

Student Teaching and Teacher Placement: Debra Ujiiye, Director

Accelerated Certification and Education Coordinator: Nancy Gibson

Social Work: Mary A. Curran, Chair

B.A. Social Work and Field Coordinator: LeAnn R. Stensgaard, Director

Graduate Programs

Counselor Education: Brenda J. Freeman, Chair

Community Counseling

Marriage and Family

Pastoral Counseling

School Counseling

Education: Karen K. Blacklock, Chair

Curriculum and Instruction: Steve Mountjoy, Program Director

Educational Leadership: E. Mike Poe, Program Director

Exceptional Child: Karen S. Smucker, Program Director

Reading: Lynette J. Hill, Program Director

Social Work:

Master of Social Work: Mary A. Curran, Program Director

MSW Field Coordinator: Mamie Oliver

School of Health and Science:

Daniel F. Nogales, Dean

Biology: John O. Cossel, Jr., Chair

Chemistry: D. Timothy Anstine, Chair

Kinesiology: Kimberly Forseth, Chair

Mathematics and Computer Science: Edward C. Korntved, Chair

Military Science: Major Rodney Nelson, Chair

Nursing: Patricia D. Kissell, Chair

Physics: Dan Lawrence, Chair

School of Theology and Christian Ministries:

Mark A. Maddix, Dean

Philosophy: Edwin E. Crawford, Chair

Religion: Richard Thompson, Chair

Ministerial Scholarship/Standing: Michael Kipp, Director

Graduate Theological Education (Online): Jay Akkerman, Director

Wesley Center for Applied Theology: Mark A. Maddix, Executive Director

Online Theological Resources: George Lyons, Director

Online Ministerial Course of Study: James Rotz, Director

Extended University Services:

Larry M. McMillin, Dean

Graduate, STEP, and Continuing Studies

Center for Professional Development

Summer School-Undergraduate

Study Tours

Concurrent Credit

Express Education

OFFICE OF ENROLLMENT SERVICES AND MARKETING

Vice President for Enrollment Services and Marketing: Eric A. Forseth

Admissions

Admissions Director: Stacey Berggren

Assistant Director of Admissions: Lance Nelson

Senior Admissions Counselor: Anna Lee

Admissions Counselor: Kristen Brewer

Admissions Counselor: Josh Hodges

Admissions Counselor: Todd McArthur

Admissions Event Coordinator: Melissa Smith

Transfer Student Counselor: Anna Lee

Alumni Relations

Executive Director: Darl Bruner

Associate Director: April McNeiece

Financial Aid

Financial Aid Director: Wes Maggard

Financial Aid Officers: Janet Canfield, Faye Cummings, Dick Goff

Marketing and Public Relations

Director: Hollie Linder

Retention

Retention Director: Lance Nelson

Web

Webmaster: Jeff Sharpton

Web Programmer: Brian Martini

Web Designer: Brad Elsberg

OFFICE OF STUDENT DEVELOPMENT

Vice President for Student Development: Carey W. Cook

Student Development Directors

Campus Life: Tim Milburn
 Campus Ministries: Michael T. Spengler
 Counseling: Joanne Rittmueller, Stacy Freiburghaus
 Health Services: Cheri Marshall
 Multi Cultural Affairs: Paula Rogers
 Residential Life: Karen Pearson
 Security: Darrel Stewart

OFFICE OF FINANCIAL AFFAIRS

Vice President for Financial Affairs: Joel K. Pearsall
 Bookstore Manager: Ruthanne Garber
 Business Office
 Controller: Shirley Haidle
 Assistant Controller: Daphne Van Stone
 Director of Human Resources: Sherry Hartman
 Executive Director of Information Technology: Eric J. Kellerer
 Director of Operations: Dick Van Schyndel
 Food Service Manager: Andrew Chaplin

OFFICE OF UNIVERSITY ADVANCEMENT

Vice President for University Advancement: Gary L. Skaggs
 Major Donor Relations Director:
 University Fund Director: Linda Nicholson
 Associate Director of Planned Giving: Shawn Blenker

ATHLETICS

Athletic Director: Rich Sanders
 Associate Director: Barb Robertson
 Athletic Trainer: Ken Becker
 Sports Information Director and Golf Coach: Craig Stensgaard
 Men's Basketball Coach: Tim Hills
 Assistant Men's Basketball Coach: Brandon Rinta
 Baseball Coach: Tim Onofrei
 Assistant Baseball Coach: Eric Schaffner
 Women's Basketball Coach: Kelli Lindley
 Assistant Women's Basketball Coach: Ryan McCarthy
 Softball Coach: Julie Coert
 Men's Soccer Coach: Coe Michaelson
 Women's Soccer Coach: Jamie Lindvall
 Assistant Women's Soccer Coach: Rachel Lindvall
 Women's Volleyball Coach: Jared Sliger
 Assistant Women's Volleyball Coach: Lisa Sliger
 Track & Field, Cross Country Men's & Women's Coaches: John Spatz
 Assistant Track & Field, Cross Country Men's & Women's Coach: Rebekah Bowman, Ben Gall, Scott Kinnaman

Faculty

Brooke Adamson (2002-), Communication Studies

B.A., Northwest Nazarene University; M.A., Boise State University

Jay Akkerman (2003-), Religion

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; D. Min., Asbury Theological Seminary

Donna M. Allen (2003-), Communication Studies

B.A., Eastern Nazarene College; M.A., Eastern Nazarene College; Ph.D., University of Connecticut

Glena L. Andrews (1996-), Psychology

B.A., Northwest Nazarene University; M.A., University of Colorado; M.A., Ph.D., Fuller Theological Seminary

Tim Anstine (1999-), Chemistry

B.A., Point Loma Nazarene University; Ph.D., University of Nevada

Julie L. Au (2006-), Psychology

B.A., Masters College; M.S., University of Southern California; D.Ed., University of Southern California

Nancy Ayers (2006-), Registrar

B.A., Arizona State University; M.B.A., Northwest Nazarene University

James L. Bader (2005-), Dean, School of Education, Social Work, and Counseling; Education

B.A., Millikin University; M.A., Illinois State University; Ed.D., Illinois State University

Joseph Bankard (2007-), Philosophy

B.A., Point Loma Nazarene University; M.A., San Diego State University

Christine Bauer (2007-), E-Learning Director

B.A., Whitworth; M.S., Boise State University; Ph.D., Capella University

Carol J. Bett (2005-), Nursing

B.S., Point Loma Nazarene University; M.A., Nazarene Theological Seminary; M.N., University of Phoenix

Karen K. Blacklock (1997-), Education

B.A., Northwest Nazarene University; M.A., Ed.D., Boise State University

Wendell Bowes (1982-), Religion

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; Th.M., Princeton Theological Seminary; Ph.D., Dropsie College

Sharon I. Bull (1995-), Dean, Learning Resources; Library

B.S.L., Canadian Nazarene College; M.L.S., Vanderbilt University; D.A., Simmons College

Kathryn M. Burns (2005-), Academic Support Center

B.A., Northwest Nazarene University; M.Ed., Seattle Pacific University

Bill Campton (2000-), Art

B.A., Maryville College; M.F.A., Ph.D., Texas Tech University

Rhonda L. Carrim (2004-), Religion

B.A., Northwest Nazarene University; M.Div., Nazarene Theology Seminary; D.Min., Asbury Theology Seminary

Ed Castledine (1986-), Academic Advising and Assessment

B.A., Northwest Nazarene University; M.A.T., Lewis and Clark College

Jennifer Chase (1996-), Biology

B.A., Point Loma Nazarene University; Ph.D., Yale University

Casey Christopher (2000-), Music

B.Mus., University of Oregon; M.Mus., D.M.A., Arizona State University

Carey W. Cook (2001-), Vice President for Student Development; Education

B.A., Point Loma Nazarene University; M.Ed., Albertson College; Ph.D., University of Idaho

John Cossel, Jr. (1999-), Biology

B.A., Northwest Nazarene University; M.S., Oregon State University; D.A., Idaho State University

Peter Crabb (2000-), Business

B.A., Michigan State University; M.B.A., University of Colorado at Boulder; M.S., Ph.D., University of Oregon

Jan Crabill (2006-), Nursing

B.S.N., Eastern Nazarene University; M.S.N., Catholic University of America

Edwin Crawford (1976-), Philosophy, Religion

B.A., Northwest Nazarene University; M.A., Whitworth College; L.H.D., Northwest Nazarene University

Mary A. Curran (1990-), Social Work

B.A., Point Loma Nazarene University; M.Div., Nazarene Theological Seminary; M.S.W., Howard University; Doctoral Candidate, University of Idaho

Robert R. DeCloss (1986-), Mathematics

B.A., Point Loma Nazarene University; M.A., Claremont Graduate School; Ph.D., Oklahoma State University

Kevin Dennis (1979-), English

B.A., Northwest Nazarene University; M.A., Idaho State University

Samuel L. Dunn (1994-), Vice President for Academic Affairs; Business, 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

Ben Earwicker (2004-), Modern Languages

B.A., Northwest Nazarene University; M.A., University of Otago, New Zealand

Mark Emerson (2007-), Business

B.A., Linfield College; M.Div., Central Baptist Theological Seminary; Ph.D., University of Idaho

Christian R. Esh (2006-), History & Political Science

B.A., Houghton College; M.A., University of Maryland; Ph.D., University of Maryland

Ezekiel U. Ette (2006-), Social Work

B.S., University of Tennessee; M.Div., Emory University; M.S.W., Portland State University; Ph.D., Portland State University

Lori Fairgrieve (2007-), Counselor Education

B.A., Biola University; M.A., Azusa Pacific University; Ph.D., University of Southern California

Eric A. Forseth (1986-97, 2002-), Vice President for Enrollment Services and Marketing, Business

B.A., Northwest Nazarene University; M.S., University of Arizona; Ph.D., Ohio State University

Kimberly R. Forseth (2003-), Kinesiology

B.A., Mount Vernon Nazarene College; M.Ed., Northwest Nazarene University; Ph.D., Idaho State University

Brenda Freeman (1999-), Education

B.F.A., Boise State University; M.S., Emporia State University; Ph.D., University of Wyoming

Ronald R. Galloway (1995-), Dean, School of Business; Business

B.A., Northwest Nazarene University; M.A., Fuller Theological Seminary; M.S., Ph.D., U.S. International University

Gary Ganske (1975-), Mathematics

B.S., Portland State University; M.A., University of California, Santa Barbara; Ph.D., University of Oklahoma

Curtis M. Garner (2007-), Counselor Education

B.A., Baylor University; M.S., Baylor University; Ed.D., Baylor University

Mark Gismondi (2001-), Political Science

B.A., University of Oklahoma; M.A., The University of Central Oklahoma; Ph.D., University of Oklahoma

Darrin L. Grinder (1999-), English

B.A., University of Michigan-Flint; M.A., Idaho State University; D.A., Idaho State University

Amanda M. Hamilton (2005-), Art

B.S., Biola University; M.F.A., Claremont Graduate University

Janet Harman (1973-), Education

B.A., Northwest Nazarene University; M.A., University of Colorado; Ph.D., University of Idaho

Jerry Harris (2003-), Chemistry

A.S., Treasure Valley Community College; B.A., Northwest Nazarene University; B.S., Northwest Nazarene University; Ph.D., Texas A&M University

Lynette Hill (2004-), Education

B.A., Northwest Nazarene University; M.A., Northwest Nazarene University; Ed.D., Washington State University

David C. Houghton (1997-), Business

B.S., University of Kansas; M.B.A., Ph.D., University of Cincinnati

Barbara S. Howard (1979-), Academic Support Center

B.S., Pennsylvania State University; M.A., Boise State University

Walden Hughes (1978-), Music

B.A., Northwest Nazarene University; M.Mus., University of Idaho; D.A., University of Northern Colorado

Brenda G. Johnson (2007-), Business

B.S., Olivet Nazarene University; M.B.A., Northwest Nazarene University

Karen E. Jones (2006-), Business

B.S., Trevecca Nazarene University; M.B.A., Tennessee State University; M.A., Nazarene Theological seminary; D.Mgt., University of Phoenix Online

Eric J. Kellerer (1998-), Information Technology

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; Ed.D., Boise State University

Scott Kinnaman (2007-), Kinesiology

B.S., Eastern Oregon University; M.S.E.S.S., Boise State University

R. Paul Kinsman (2007-), Art

B.A., Point Loma Nazarene University; M.F.A., Indiana University Hope School of Fine Arts

Michael Kipp (2004-), Religion

B.S., California Polytechnic University; M.R.E., Nazarene Theological Seminary

Patricia D. Kissell (2003-), Nursing

R.N., Presbyterian University Hospital School of Nursing; B.S.N., University of Pittsburgh; M.N.Ed., University of Pittsburgh; Ph.D., New York University

Edward C. Korntved (1994-), Mathematics

B.S., University of Wisconsin-LaCrosse; M.S., Western Kentucky University; Ph.D., Washington State University

Lawanna Lancaster (2002-), Social Work

B.A., Northwest Nazarene University; M.S.W., Roberts Wesleyan College

Dan Lawrence (2001-), Physics

B.S., Northwest Nazarene University; M.S., Virginia Commonwealth University; Ph.D., Purdue University

Diane K. Leclerc (1998-), Religion

B.A., Eastern Nazarene College; M.Div., Nazarene Theological Seminary; M.P.H., Ph.D., Drew University

Barbara Lester (2002-), Nursing

R.N., Greys Nursing College; R.M., Queen Victoria Hospital; M.S., University of Witwatersrand; Ph.D., University of South Africa

Jeff Lineman (2000-), Business

B.S., Eastern Nazarene College; M.Div., Nazarene Theological Seminary; M.S., Baker University; Ph.D., Capella University

George Lyons (1991-), Religion

B.A., Olivet Nazarene University; M.Div., Nazarene Theological Seminary; Ph.D., Emory University

Mark Maddix (2002-), Dean, School of Theology and Christian Ministries, Religion

B.A., Asbury College; M.Div., Asbury Theological Seminary; Ph.D., Trinity Evangelical Divinity School

Judy L. Marlett (1996-), Music

B.S., Roberts Wesleyan College; M.M., Ithaca College; D.A., Ball State University

Lance McGrath (2006-), Library

B.A., Northwest Nazarene University; M.S., University of North Texas

Larry McMillin (1986-), Dean, Extended University Services; Education

B.A., Northwest Nazarene University; Ed.M., Oregon State University; Ed.D., University of Northern Colorado

Phyllis McMillin (1979-82; 1986-), Education

B.A., Northwest Nazarene University; M.Ed., Oregon State University

Patrece Moody Meza (2007-) Social Work

B.A., Boise State University; M.S.W., Our Lady of the Lake University, TX; M.P.A., Boise State University

Stephen C. Mountjoy (2006-), Education

B.S., University of Wyoming; M.S., Colorado School of Mines; Dip.C.S., Regent College; Ph.D., University of Wyoming

Barry L. Myers (1998-), Computer Science

B.S., Southern Nazarene University; M.S., Oklahoma State University; Ph.D., University of North Texas

Jamee C. Nixon (2007-), Biology

B.S., Northwest Nazarene University; M.S., University of Southern Maine; Ph.D., University of Oklahoma Health Sciences Ctr.

Daniel F. Nogales (1994-), Dean, School of Health and Science; Chemistry

B.A., Point Loma Nazarene University; Ph.D., University of Nevada, Reno

Mamie O. Oliver (2000-), Social Work

B.A., Los Angeles State College; M.S.W., Fresno State University; Ph.D., Washington State University

Thomas Jay Oord (2002-), Religion, Philosophy

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; M.A., Claremont Graduate University; Ph.D. Claremont Graduate University

William Packard (1999-), Physics

B.S., Olivet Nazarene University; M.S., Ph.D., University of Wisconsin-Madison

Kattie Payne (2007-), Nursing

B.S.N., University of Mississippi School of Nursing; M.S.N., Mississippi University for Women, Div. of Nursing; Ph.D., University of Mississippi

Joel K. Pearsall (1999-), Vice President for Financial Affairs, General Counsel; Business

B.A. Northwest Nazarene University; J.D., Willamette University College of Law

Brent D. Peterson (2007-), Religion

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary

E. Michael Poe (1998-), Education

B.A., Northwest Nazarene University; M.Ed., Albertson College of Idaho; Ed.S., University of Idaho; Ed.D., University of Idaho

Ronald Ponsford (1976-), 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

Cherie D. Richards (2005-), Nursing

B.S., Pacific Union College

Lois Roberts (1999-), Library

B.A., Northwest Nazarene University; M.L.S., San Jose State University

Lucas Roebuck (2007-), English

B.S., John Brown University; M.A., University of Arkansas

James Rotz (2003-), Religion

A.B., Northwest Nazarene College; M.Div., Nazarene Theological Seminary

Bill Russell (2002-), Business

B.A., University of Kansas; J.D., University of Denver

Al Sanchez (2002-), Social Work

B.S., University of Southern Colorado; M.S.W., University of Denver; Ph.D., University of Idaho

LaRita Schandorff (1995-), Library

B.A., Humboldt State University; M.A., University of Arizona

Roger Schmidt (1986-), Kinesiology

B.A., Northwest Nazarene University; M.A., Central Michigan University

Stephen Shaw (1979-86, 1987-), Political Science

B.A., Southern Nazarene University; M.A., Ph.D., University of Oklahoma

Gary L. Skaggs (1998-), Vice President for University Advancement, Business

B.A., Northwest Nazarene University

Scott A. Slater (2007-), Social Work

B.A., Northwest Nazarene University; M.S.W., Walla Walla College

Duane L. Slemmer (1997-), Media Technology

B.A., Northwest Nazarene University; M.S., Western Oregon State University; Ed. D., Boise State University

Karen S. Smucker (1997-), Education

B.S., M.Ed., Ph.D., University of Virginia

Ralph Speer (2007-), English

B.A., Drake University; M.A., Drake University; D.A., Drake University

LeAnn Stensgaard (2001-), Social Work

B.A., Northwest Nazarene University; M.S.W., Walla Walla College

Julie Straight (2004-), English

B.A., Wheaton College; M.A., University of North Carolina; Ph.D., University of North Carolina

Ronald W. Strohmeier (2005-), Biology

B.S., Florida International University; Ph.D., Arizona State University

Barry W. Swanson (1991-), Music

B.Mus.Ed., Southern Nazarene University; M.A., Boise State University; Ph.D., University of Idaho

Mollie M. Sweet (2003-), Business

B.S., Miami University; M.B.A., Northwest Nazarene University

Terri Theriot (2001-), Social Work

B.S., Northwest Nazarene University; M.S.W., Walla Walla College

Richard P. Thompson (2007-), Religion

B.A., Olivet Nazarene University; M.Div., Nazarene Theological Seminary; Ph.D., Southern Methodist University

Ann Thompson-Crabb (2007-), Business

B.A., Eastern Washington University; M.S., University of Colorado; M.B.A., University of Colorado

Jamie Tucker (2006-), Art

B.A., Saint Mary-of-the-Woods College, IN; M.F.A., Indiana State University

George Turner (1974-), Music

B.A., Northwest Nazarene University; M.A., University of Denver

Debra Ujiye (2006-), Education

B.A., Boise State University; M.Ed., Northwest Nazarene University

Steve Van der Ploeg (1997-00, 2001-), Business

B.A., Cleveland State University; M.A., Ph.D., Duke University

R.G. Vanderpool (2006-), Business

B.A., Northwest Nazarene University; M.S., University of Oregon; Ph.D., University of Idaho

Dennis R. Waller (1982-87, 1990-), Concurrent Credit Academic Director, Communication Studies

B.A., Northwest Nazarene University; M.A., Boise State University; Ed.D., Seattle University

Konya Weber (2001-), Business

B.A., Mount Vernon Nazarene University; M.B.A., St. Joseph's University; Ph.D., Touro University International

David L. Wetzell (2007-), Business

B.A., Bethel University; M.A., Michigan State University; M.A.T.S., Bethel Seminary; Ph.D., Michigan State University

Alan Wheatley (2001-), History

A.B., Point Loma Nazarene University; M.Div., Nazarene Theological Seminary; C.Phil., Ph.D., University of California, Los Angeles

Teri A. Whilden (2007-), Business

B.A., Northwest Nazarene University; J.D., University of Idaho

Arnold Ytreeide (2005-), Communication Studies

B.A., Northwest Nazarene University; M.A., Boise State University

Vice Presidents Emeriti

Samuel L. Dunn (1994-2007), Vice President for Academic Affairs; Business, Mathematics

B.A., Olivet Nazarene University; B.S., Olivet Nazarene University; M.S., University of Wisconsin-Milwaukee; M.B.A., University of Puget Sound; Ph.D., University of Wisconsin-Milwaukee

Gilbert C. Ford (1950-95), Vice President for Academic Affairs (1970-1985), Physics

B.A., University of Colorado; M.A., Ph.D., Harvard University

Kenneth D. Hills (1989-98), Vice President for Student Development, Psychology

B.A., Northwest Nazarene University; M.A., Ph.D., University of Wyoming

Harold E. Weber (1971-98), Vice President for Financial Affairs, Business

B.A., Northwest Nazarene University; M.B.A., Santa Clara University

Faculty Emeriti

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

Geneva Bittleston (1945-1957, 1965-1981), Assistant Librarian

B.A., Olivet Nazarene University; B.L.S., Western Reserve 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

Dennis D. Cartwright (1985-2006), Education

B.A., Northwest Nazarene University; M.A., Boise State University; Ed.S., University of Idaho

Raymond M. Cooke (1971-1997), History

B.A., Northwest Nazarene University; M.A., University of Idaho; Ph.D., University of Oregon

C.S. Cowles (1975-1984, 1986-2001), Religion

B.A., Azusa Pacific University; B.D., Nazarene Theological Seminary; S.T.D., San Francisco Theological Seminary

Richard D. Craig (1992-2007), Education

B.A., Albertson College of Idaho; M.Ed., Albertson College of Idaho; Ed.D., Brigham Young University

Donald L. Davis (1989-2000), Art

B.A., Northwest Nazarene University; M.F.A., University of Idaho

Samuel L. Dunn (1994-2007), Business, Mathematics

B.A., Olivet Nazarene University; B.S., Olivet Nazarene University; M.S., University of Wisconsin-Milwaukee; M.B.A., University of Puget Sound; Ph.D., University of Wisconsin-Milwaukee

William Fyffe (1978-2007), Biology

B.S., Northwest Nazarene University; M.Ed., Northwest Nazarene University; Ph.D., Idaho State University

Double E. Hill (1948-1986), Music

B.Mus., Northwest Nazarene University; M.Mus., University of Idaho; Ph.D., University of Illinois

Martha Hopkins (1966-2000), Kinesiology

B.A., Northwest Nazarene University; M.S., Indiana University; Ed.D., University of Idaho

Jean Horwood (1969-1992), Physical Education

B.S., Ursinus College; M.Ed., Temple University

W. Arthur Horwood (1969-1992), Physical Education

B.A., Roberts Wesleyan College; M.A., Ed.D., Michigan State University

Jerry Hull (1978-2007), Social Work

B.A., Northwest Nazarene University; M.Div., Nazarene Theological Seminary; M.A., University of Nebraska at Omaha; M.S.W., University of Tennessee

Arthur Imel (1964-1994), Chemistry

B.S., Willamette University; M.S., Ph.D., Oregon State University

Fred Knight (1964-1986), Education

B.A., Th.B., Northwest Nazarene University; M.A., University of Wichita; Ed.D., University of Southern California

Irving W. Laird (1967-1997), Special Ministries

B.A., Eastern Nazarene College; B.D., Nazarene Theological Seminary; M.S., Butler University; D. Min., American Baptist Seminary of the West

Ruth A. Long (1946-1984), Art

B.A., Northwest Nazarene University; M.A., University of Idaho

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

Darrell Marks (1959-1998), Vice President for Institutional Advancement, Physics

B.A., Northwest Nazarene University; M.S., Massachusetts Institute of Technology; Ph.D., 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

Leon Powers (1974-2006), Biology

B.A., Northwest Nazarene University; M.Nat.Sc., University of Idaho; Ph.D., Idaho State University

Helen M. Rambo (1957-1994), Library

B.A., Northwest Nazarene University; M.L., University of Washington

Irene Runkle (1968-1983), Home Economics

B.S., Iowa State University; M.A., Albertson College of Idaho

Mary Shaffer (1955-1956, 1971-1998), Art

B.A., Northwest Nazarene University; M.A., Ball State University; M.S., Ed.D., Indiana University

Francis Sharpton (1970-2001), Physics

B.S., College of Ozarks; M.S., University of Arkansas; Ph.D., University of Oklahoma

Marvin Stallcop (1965-2006), Music

B.A., Northwest Nazarene University; M.Mus., University of Montana; Ed.D., Arizona State University

Paul Taylor (1966-2002), Kinesiology

B.S., University of Kansas; M.S., University of Colorado; D.P.E., Indiana University

Ernest L. Thompson (1974-1998), Education

B.A., Northwest Nazarene University; M.Nat.Sc., University of Idaho

Merilyn Thompson (1970-79, 1988-2006), Registrar; Communication Studies

B.A., Northwest Nazarene University; M.S., Portland State University

Eula Tombaugh (1958-1983), Home Economics

B.S., Iowa State University; M.A., University of Minnesota

Kenneth F. Watson (1985-1998), Assistant to the President; Chemistry

B.A., Northwest Nazarene University; Ph.D., Oregon State University

Lilburn Wesche (1961-1981, 1988-1997), Education

B.A., Northwest Nazarene University; M.Ed., Trinity University; Ed.D., University of Northern Colorado

Jim Willis (1966-2006), Music

B.A., Northwest Nazarene University; M.Mus., University of Portland; D.M.A., University of Missouri-Kansas City

JoAnn Willis (1968-2006), Dean, School of Academic Resources; Psychology

B.A., Northwest Nazarene University; M.A., University of Missouri-Kansas City; Ph.D., Oregon State University

Adelaide Woodcock (1967-1972, 1976-1986), Education

B.S., M.A., Ball State University

Robert C. Woodward (1958-1991), History

B.A., Northwest Nazarene University; M.A., Ph.D., University of Oregon

Kenneth Yoder (1980-2007), Mathematics

B.A., Eastern Nazarene College; M.Ed., University of North Carolina; M.A., University of California-Los Angeles

Senior Fellows

Wallace C. Johnson (1993-), Chemistry

B.A., Northwest Nazarene University; M.S., New Mexico Highlands University

Virgil W. Vail (1952-1972, 1989-1991), Mathematics

B.A., Northwest Nazarene University; M.S., University of Idaho; Sc.D., Point Loma Nazarene University

Clark Childers (2004-2007), Physics

B.A., California State Polytechnic University, Pomona; M.S., California State University at Long Beach

Annotated Academic Calendars

2008-2009

Fall Semester (FA08)

Aug 22-25	Fri-Mon	New Student Orientation, Testing, and Registration
Aug 25	Mon	Returning Student Registration
Aug 26	Tues	Classes Begin: Semester and Quad I
Aug 27	Wed	Last Day to Enroll at NNU (Register and Make Arrangements for Payment)
Sept 1	Mon	Labor Day (Student Holiday)
Sept 3	Wed	Last Day to Add a Semester and Quad I Class
Sept 5	Fri	Last Day to Drop a Semester and Quad I Class without a “W”
Sept 23	Tues	Last day to Withdraw from a Quad I Class with a “W”
Oct 13	Mon	Columbus Day (Student Holiday)
Oct 15	Wed	Quad 1 Classes End
Oct 16-17	Thurs-Fri	Final Examinations for Quad I
Oct 20	Mon	Quad II Classes Begin
Oct 21	Tues	Quad I Final and Semester Mid-Term Grades Due
Oct 27	Mon	Last Day to Add a Quad II Class
Oct 29	Wed	Last Day to Drop a Quad II Class without a "W"
Oct 30	Thurs	Last Day to Withdraw from a Semester Class with a "W"
Nov 14	Fri	Last Day to Withdraw from a Quad II Class with a “W”
Nov 27-28	Thurs-Fri	Thanksgiving (Student Holiday)
Dec 5	Fri	Last Day of Undergraduate Classes
Dec 8-11	Mon-Thurs	Final Examinations for Semester and Quad II Classes
Dec 16	Tue	Grades Due

Spring Semester (SP09)

Jan 12	Mon	Check-In, Registration, and Testing
Jan 13	Tues	Classes Begin: Semester and Quad I
Jan 14	Wed	Last Day to Enroll at NNU (Register and Make Arrangements for Payment)
Jan 19	Mon	Martin Luther King Day (Student Holiday)
Jan 21	Wed	Last Day to Add a Semester and Quad I Class
Jan 23	Fri	Last Day to Drop a Semester and Quad I Class without a “W”
Feb 10	Tues	Last day to Withdraw from a Quad I Class with a “W”
Feb 16	Mon	Presidents' Day (Student Holiday)
Mar 4	Wed	Quad I Classes End

Mar 5-6	Thurs-Fri	Final Examinations for Quad I
Mar 9	Mon	Quad II Classes Begin
Mar 10	Tues	Quad I and Semester Mid-Term Grades Due
Mar 16	Mon	Last Day to Add a Quad II Class
Mar 18	Wed	Last Day to Drop a Quad II Class without a "W"
Mar 19	Thurs	Last Day to Withdraw from a Semester Class with a "W"
Mar 23-27	Mon-Fri	Semester Break
Apr 10	Fri	Good Friday (Student Holiday)
Apr 13	Mon	Easter Monday (Student Holiday)
Apr 14	Tues	Last Day to Withdraw from a Quad II Class with a "W"
May 1	Fri	Last Day of Undergraduate Classes
May 4-7	Mon-Thurs	Final examinations for Semester and Quad II Classes
May 10	Sun	Baccalaureate and Commencement
May 12	Tues	Grades Due

2009-2010

Fall Semester (FA09)

Aug 28-31	Fri-Mon	New Student Orientation, Testing, and Registration
Aug 31	Mon	Returning Student Registration
Sept 1	Tues	Classes Begin: Semester and Quad I
Sept 2	Wed	Last Day to Enroll at NNU (Register and Make Arrangements for Payment)
Sept 7	Mon	Labor Day (Student Holiday)
Sept 9	Wed	Last Day to Add a Semester and Quad I Class
Sept 11	Fri	Last Day to Drop a Semester and Quad I Class without a "W"
Sept 29	Tues	Last day to Withdraw from a Quad I Class with a "W"
Oct 12	Mon	Columbus Day (Student Holiday)
Oct 21	Wed	Quad 1 Classes End
Oct 22-23	Thurs-Fri	Final Examinations for Quad I
Oct 26	Mon	Quad II Classes Begin
Oct 27	Tues	Quad I and Semester Mid-Term Grades Due
Oct 29	Thurs	Last Day to Withdraw from a Semester Class with a "W"
Nov 2	Mon	Last Day to Add a Quad II Class
Nov 4	Wed	Last Day to Drop a Quad II Class without a "W"
Nov 20	Fri	Last Day to Withdraw from a Quad II Class with a "W"
Nov 26-27	Thurs-Fri	Thanksgiving (Student Holiday)
Dec 11	Fri	Last Day of Undergraduate Classes
Dec 14-17	Mon-Thurs	Final Examinations for Semester and Quad II Classes

Dec 22 Tue Grades Due

Spring Semester (SP10)

Jan 11	Mon	Check-In, Registration, and Testing
Jan 12	Tues	Classes Begin: Semester and Quad I
Jan 13	Wed	Last Day to Enroll at NNU (Register and Make Arrangements for Payment)
Jan 18	Mon	Martin Luther Kind Day (Student Holiday)
Jan 20	Wed	Last Day to Add a Semester and Quad I Class
Jan 22	Fri	Last Day to Drop a Semester and Quad I Class without a "W"
Feb 9	Tues	Last day to Withdraw from a Quad I Class with a "W"
Feb 15	Mon	Presidents' Day (Student Holiday)
Mar 3	Wed	Quad I Classes End
Mar 4-5	Thurs-Fri	Final Examinations for Quad I
Mar 8	Mon	Quad II Classes Begin
Mar 9	Tues	Quad I and Semester Mid-Term Grades Due
Mar 15-19	Mon-Fri	Semester Break
Mar 22	Mon	Last Day to Add a Quad II Class
Mar 24	Wed	Last Day to Drop a Quad II Class without a "W"
Mar 25	Thurs	Last Day to Withdraw from a Semester Class with a "W"
Apr 2	Fri	Good Friday (Student Holiday)
Apr 5	Mon	Easter Monday (Student Holiday)
April 12	Mon	Last Day to Withdraw from a Quad II Class with a "W"
April 30	Fri	Last Day of Undergraduate Classes
May 3-6	Mon-Thurs	Final Examinations for Semester and Quad II Classes
May 9	Sun	Baccalaureate and Commencement
May 11	Tues	Grades Due

Important Contact Numbers

Area Code 208

Admissions (Admission information, campus visitations)

Admissions Welcome Center	467-8000
Fax	467-8645
Toll Free	1-877-NNU-4-YOU
WEB	www.nnu.edu
E-mail	admissions@nnu.edu

Academic Advising and Testing

Administration Building	467-8463
-------------------------	----------

Academic Support Center (Reading, writing, study methods, computer applications, mathematics instruction, course-related tutoring, study sessions, editing papers, and accommodations for learning disabilities)

Administration Building, Room 6	467-8666
---------------------------------	----------

Athletics

Johnson Sports Center	467-8876
-----------------------	----------

Bookstore (Textbooks, general books, gifts, clothing, supplies)

Student Center	467-8844
----------------	----------

Career Center (Career advising, interest assessment, résumé development, and employment information)

Student Center Lobby	467-8402
----------------------	----------

Counseling Center

Appointments	467-8466
Director	467-8674
Counselor	467-8766
Student Center	

Extended University Services

Center for Professional Development	467-8495
Summer School - Undergraduate	467-8495
Study Tours	467-8870

Concurrent Credit	467-8373
Express Education	467-8373
Business	467-8870
Counseling	467-8870
Education	467-8495
Religion	467-8368
Social Work	467-8870

Financial Aid (Information on financial assistance and scholarship programs)

Administration Building	467-8638
-------------------------	----------

Food Service (Sodexho Campus Services, Amity Perk Coffee Shop)

Student Center	467-8667
----------------	----------

Graduate Studies

Master of Education – Curriculum and Instruction, Educational Leadership, Exceptional Child, Reading (online), Director of Special Education and Related Services Certification	467-8341
Master of Arts - Christian Education, Missional Leadership, Pastoral Ministry, Spiritual Formation	467-8432
Master of Divinity with emphases in: Christian Education, Missional Leadership, Spiritual Formation	
Master of Business Administration	467-8123
Master of Social Work	467-8679
Master of Science in Counseling	467-8345

Housing Services

Married student housing and rentals	467-8633
Residence halls and apartments	467-8643
Student Center	

Internet Address

www.nnu.edu

Multi-Cultural Affairs

467-8768

Student Center

Registrar's Office (Transcript evaluations, Veterans Affairs, School records)

On-Line Transcript Request:	www.nnu.edu/transcripts
Administration Building	467-8541

Security

467-8550

24/7 Campus EMERGENCY

467-8911 on Campus
8911

Administration (Non-Emergency)

467-8550 on Campus
8550

(Administration available Monday-Friday 8-5 PM)

STEP (Accelerated Delivery Degree Program)

467-8100

Student Development

Crusader

467-8656

Oasis

467-8656

Student Government Association

467-8771/467-8778

Student Center

467-8643

Index

A

Absences	34
Academic Advising and Assessment	5, 51
Academic Affairs, Office of	206
Academic Appeal Process	38
Academic Computing Services	6
Academic Integrity	32
Academic Load	31
Academic Objectives	4
Academic Policies	31, 32
Academic Probation	31
Academic Renewal	32
Academic Support Center	44, 51
Access to Records	41
Accounting/Finance	82, 148
Accreditation	3
Administrative Services	206
Admission Categories	10
Admission Requirements	9
Advanced Placement Credit	33
Allowances	15
Alumni Sharing Knowledge (ASK)	51
Appeals	38, 39
Application Procedure	9
Applied Studies Program	58
Army, U.S. (ROTC)	44, 184
Art 59, 149	
Art Department	58
Arts, Humanities and Social Sciences, School of	56
Athletic Eligibility	37
Athletic Training	120, 127
Attendance	
Chapel	52
Class	34
Au Sable Institute of Environmental Studies	44, 115
Awards, Financial	15

B

Bachelor Degree Requirements	
General (See Majors)	21, 32
Behavioral Sciences and Cultural Studies Department	61
Biblical Literature	156
Biology	116, 122
Course Descriptions	
Biology (BI)	152
Biology Department	116
Board and Room	18
Board of Trustees	205
Business	81, 157
Business Administration	83, 84, 85
Business and Economics Department	81
Business, International	85
Business, School of	81

C

Calendar	219
Campus Life	50
Campus Map	55
Candidates for Degree	21
Career Center	6, 51
Center for Professional Development	48
Ceramics	59
Chapel Services	52
Cheating (Dishonesty)	32
Chemistry	124, 125, 161
Biochemistry	124
Environmental	124
Chemistry Department	124
Children's Ministries	144
Christian Education	160
Christian Ministry	142
Church History	160
Class Attendance	34
Classification of Students	34
Clubs and Organizations	50
College Level Examination Program (CLEP)	35
Communication Skills	71
Communication Studies	68, 163
Communication Studies Department	68
Compassionate Ministries	144, 145, 147
Comprehensive Examinations	21
Computer Center	6
Computer Science	129, 130, 166
Concurrent Credit	43
Contact Numbers	222
Contingency Deposit	13, 18
Continuing Education	48
Council For Christian Colleges And Universities	44, 115
Counseling	
Academic	5, 51
Minority	51
Personal	51
Counseling Center	51
Course Descriptions	
Accounting (AC)	148
Art (AR)	149
Biblical Literature (BL)	156
Business (BU)	157
Chemistry (CM)	161
Christian Education (CE)	160
Church History (CH)	160
Communication Studies (CO)	163
Computer Science (CS)	166
Cultural Studies (CU)	167
Economics (EC)	168
Education (ED)	169
Engineering	172
English (EN)	173

French (FR)	176
Geography (GE)	176
Greek (New Testament) (GK)	177
Hebrew (HB)	177
History (HS)	177
Humanities (HU)	178
Kinesiology (KI)	179
Mathematics (MA)	182
Military Science (MS)	184
Modern Languages (ML)	184
Music (MU)	185
Natural Science (NS)	188
Nursing (NU)	188
Off Campus (OC)	190
Philosophy (PL)	192
Physics (PH)	190
Political Science (PS)	193
Practical Theology (PT)	194
Psychology (PY)	196
Religious Studies (RS)	197
Social Work (SW)	200
Sociology (SO)	198
Spanish (SP)	199
Study Skills (ST)	200
Theology (TH)	203
Course Numbering	35
Credit by Examination	35
Credits	21, 40
Criminal Justice	76
Cross Cultural	21, 24, 51
Cultural Studies	61, 167

D

Dantes Testing	36
Degree Requirements	21
Degrees Offered	28
Dental Hygiene, Pre-	113
Dental, Pre-	113
Departments	
Art 58	
Behavioral Sciences and Cultural Studies	61
Biology	116
Business and Economics	81
Chemistry	124
Communication Studies	68
Education	88
English	70
History and Political Science	73
Kinesiology	126
Mathematics and Computer Science	128
Military Science	132
Music	76
Nursing	133
Philosophy	140
Physics	134
Religion	142
Social Work	107

Deposits	13
Directory Information	36
Disclosure of Information	17
Dishonesty	32
Drawing, Art	59

E

Economics	84, 168
Education	88, 169
Elementary	90
Secondary	92
Secondary, First Teaching Field	
Biology	95
Chemistry	97
English	98
History	100
Kinesiology	101
Mathematics	103
Spanish	106
Secondary, Second Teaching Field	
Art 94	
Biology	95
Chemistry	97
Computer Science	97
English	99
Health	100
History	100
Kinesiology	102
Mathematics	103
Music	104
Physics	105
Psychology	105
Social Science	106
Spanish	106
Secondary, Teaching Area	
Art 93	
Biology	94
Chemistry	96
English	98
Kinesiology	101
Mathematics	102
Music	103
Social Science	105
Education Department	88
Education, Social Work and Counseling, School of	87
Elementary Education	90
Eligibility for Activities	37
Emeriti	216
Employment, Student	17
Engineering	172
Engineering Physics	135
Engineering, Pre-	110
English	70, 173
English Department	70
Enrollment	12
Enrollment Services and Marketing, Office of	206
Environmental Chemistry	124

Environmental Science	123
Executive Committee	205
Expenses	13
Express Education Program	11, 43
Extended University Services (EUS)	48

F

Facilities for Students with Impairments	5
Faculty	209
Faith, Statement of	4
Fees	13, 18
Finance, Business	82
Financial Affairs, Office of	206
Financial Aid	12, 14, 17
Food Services	18, 53
French	176
Freshmen	10

G

General Education Requirements	
Honors	24
Standard	21
Geography	176
Grade Appeal	38
Grade Point	37
Grade Reports	37
Grading System	37
Graduate Studies	18, 47
Grants	16
Graphics	59, 60
Greek	177

H

Health and Science, School of	109
Health Education	100, 126
Health Services and Insurance	53
Hebrew	177
History	3, 177
History and Political Science Department	73
History of University	3
Home-Schooled Student	11
Honor Society	40
Honors Program	24, 43
Honors, Graduation with	40
Housing	18
Humanities	178

I

Incomplete	37
Individualized Major	28, 43
Information Services	6
Information Technology	6
Institutional Outcomes	4
Intercollegiate Activities	37, 54

Intercollegiate Eligibility	37
International Business	85
International Students	10
International Studies	44
Intramural Programs	54

J

Jerusalem University College	44
Junior	34

K

Kinesiology	120, 126, 127, 179
Kinesiology Department	126

L

Law, Pre-	76
Learning Disabled and Disabilities	6, 9
Learning Resources	5
Lecture Series	52
Liberal Studies	5, 58
Library	7
Lifestyle Expectations	50
Load, Academic	31
Loans	16

M

Majors	28
Accounting	82
Applied Studies	58
Art 59	
Biology	116, 122
Business Administration	83, 84, 85
Chemistry	124, 125
Christian Ministry	142
Communications	69
Computer Science	129, 130
Cultural Studies	62
Elementary Education	90
Engineering Physics	135
English	71
History	74
International Studies	75
Journalism	72
Liberal Studies	58
Mass Communications	68
Mathematics	130, 131
Music	77
Nursing	133
Philosophy	140
Philosophy and Religion	141
Physics	136, 137
Political Science	74
Pre-Physical Therapy	120
Psychology	63

Recreation and Sports Management	127
Secondary Education	92
Social Work.....	107
Spanish	65
Management, Business.....	83
Map of Campus.....	55
Marketing, Business.....	85
Mass Communications.....	68
Mathematics.....	128, 130, 131, 132, 182
Mathematics and Computer Science Department	128
Medical, Pre-.....	113, 118
Military Credit.....	35
Military Science.....	44, 184
Ministry Clubs	50
Minors.....	29
Bible.....	144
Biblical Languages.....	144
Broadcasting.....	69
Business Administration	85
Children's Ministries.....	144
Christian Education.....	145
Communication	70
Computer Science.....	131
Criminal Justice.....	76
Cultural Studies	66
Drama	70
Economics.....	84
Environmental Science	123
Global Business.....	85
Graphic Design.....	60
History	74
Literature	73
Management	84
Marketing	85
Mathematics.....	132
Media Production	70
Military Science	133
Missions.....	145
Music	80
Pastoral Ministries.....	146
Philosophy	142
Photography	60
Physics.....	137
Political Science	75
Professional Writing	72
Psychology.....	67
Social Welfare.....	108
Spanish	67
Studio Art.....	61
Worship and Music Ministry.....	80
Worship Leadership.....	146
Youth Ministries	147
Mission, University	4
Modern Languages	184
Multi-Cultural Affairs, Office of.....	51
Music	185
Music Department.....	76

N

Natural Science	188
NCATE.....	88
Non-Classroom Credit	36
Non-Credit Classes	40
Non-Degree Students.....	12, 34
Numbering of Courses.....	35
Nursing	12, 133, 188
Nursing Department.....	133

O

Off-Campus Study Programs	44, 47, 115
Additional Off-Campus Programs	
Africa Nazarene University	47
Kazak/American Free University.....	47
Universidad Internationale - Mexico	47
American Studies	44
Au Sable Institute.....	44, 115
Australia Studies Centre (ASC)	44
China Studies.....	44
Contemporary Music	44
Latin-American Studies	44
Los Angeles Film Studies	44
Middle East Studies.....	44
Oxford Summer School	44
Russian Studies	44
Scholar's Semester at Oxford (SSO)	44
Sister University Programs	46
Ambrose University College.....	46
European Nazarene College.....	46
Korea Nazarene University	46
Nazarene Theological College of Australia.....	46
Romania Studies Program	46
Uganda Studies	44
Office of	
Academic Affairs	206
Enrollment Services and Marketing	9, 206
Financial Affairs.....	206
Multi-Cultural Affairs	51
Student Development.....	206
The President	206
University Advancement.....	206
Optometry, Pre-	113
Outcomes	4

P

Painting, Art	59
Pastoral Ministry	142, 146
Philosophy.....	140, 192
Philosophy Department	140
Philosophy of Education.....	5
Physical Education (See Kinesiology).....	126
Physical Therapy, Pre-	120
Physics.....	136, 137, 190
Physics Department	134

Plagiarism (Dishonesty)	32
Policies, Academic	31
Political Science	74, 75, 193
Practical Theology.....	142, 194
Practics, Religious Studies.....	141
Pre-Dental.....	113
Pre-Dental Hygiene.....	113
Pre-Engineering	110
Pre-Law	76
Pre-Medical.....	113, 118
Pre-Optometry.....	113
Pre-Pharmacy	114
Pre-Physical Therapy.....	120
Pre-Physician Assistant	113
President, Office of the.....	206
Pre-Veterinary Medicine.....	113
Privacy Act (FERPA)	36
Probation	31
Psychology	61, 63, 67, 196

R

Readmission.....	10
Recommendations.....	41
Records, Student Access	41
Recreation and Sports Management	127
Refund of Charges.....	14
Registrar.....	7
Registration.....	12, 34
Changes	34
Late.....	34
Religion Department.....	142
Religious Education.....	145
Religious Studies	197
Repeated Courses	40
Requirements, Substitution of.....	36
Reserve Officer Training Corps (ROTC)	17, 44, 184
Residence Halls	53
Residence Requirements	53
Residential Life.....	52
Rights and Responsibilities	17

S

S.L.I.C.E.	6
Scholarships.....	15
School of	
Arts, Humanities and Social Sciences	56
Business	81
Education, Social Work and Counseling	87
Health and Science	109
Theology and Christian Ministries	139
Sculpture, Art.....	59
Security	53
Semester Credit	40
Semesters	41
Senior.....	34
Sister University Programs	

Ambrose University College	46
European Nazarene College	46
Korea Nazarene University.....	46
Nazarene Theological College of Australia	46
Romania Studies Program	46
Social Science	73
Social Security Numbers.....	36
Social Work	107, 200
Social Work Department	107
Sociology	198
Sophomore.....	34
Spanish	65, 67, 199
Special Ministries	142, 145, 147
Special Programs	43
Applied Studies	58
Army Reserve Officer Training Corps (ROTC)	17, 44, 184
Concurrent Credit High School Program	43
Council for Christian Colleges and Universities... ..	44, 115
Extended University Services (EUS)	48
Graduate Programs	47
Honors Program	24, 43
Individualized Major	28, 43
Liberal Studies.....	58
Sister University Programs	46
Study Skills	200
Summer School	44
Special Students	34
Spiritual Life.....	52
Statement of Faith.....	4
STEP Program	85
Student Development, Office of.....	50, 206
Student Employment	17
Student Health Services and Insurance.....	53
Student Life	50
Student Organizations.....	50
Study Abroad.....	17
Study Skills.....	6, 51, 200
Substitution of Requirements	36
Summer School	44
Support Services.....	51

T

Teacher Certification	88
Teacher Education.....	12, 88, 169
Telecommunication Services.....	6
Theology.....	142, 203
Theology and Christian Ministries, School of	139
Transcripts.....	41
Transfer of Credits.....	41
Transfer Students	10
Trustees, Board of	205
Tuition and Fees	14, 18

U

University Advancement, Office of	206
---	-----

V

Vehicles.....	53
Veterinary Medicine, Pre-.....	113
Vice Presidents Emeriti	215

W

Wesley Center.....	8
Wesley Institute	44

Withdrawal from Courses	42
Withdrawal From the University	42

Y

Youth Ministries	147
------------------------	-----