

GENERAL EDUCATION

Some students have known since they were 5 years old the particular major or career they wanted to pursue. However, most decide much later and possibly change majors and careers several times. Each year, about 20 percent of our incoming freshmen and 10 percent of transfer students begin their education at Northwest as a deciding student.

Many students who have identified themselves as a deciding student have more than one major they are considering. They like history, business and education, so they aren't ready to declare just one. Other students know exactly what they want to major in, but they're not ready to commit to it. Finally, there are students who have no idea what they would like to study — they are simply interested in pursuing a degree at this point and are hoping that further study will lead them to an interest in a specific major.

Deciding is an action word. It describes some of the most dynamic opportunities available to students at Northwest. It means that students who are deciding their major are in the process of exploration. They are evaluating the interests, abilities, needs and values they possess and how they fit with a major or career.

The staff at the Advisement Assistance and Orientation Office and the Office of Career Services want to help any deciding student in the process of choosing a major. Contact them at:

- Advisement Assistance and Orientation Office – (660) 562-1695; e-mail: advise@nwmissouri.edu
- Career Services – (660) 562-1250; e-mail: career@nwmissouri.edu

In the meantime, we encourage you to continue the process of deciding.

MAJORS AT NORTHWEST

Accounting–Private Industry	Interactive Digital Media (<i>Comp. Science, New Media, Visual Imaging</i>)	Family and Consumer Sciences Education
Accounting–Public	International Business	Instrumental Music Education (<i>Non-Piano, Piano</i>)
Advertising	Journalism	Mathematics Education
Agricultural Business	Management Info. Systems	Middle School
Agricultural Economics	Marketing	Physical Education
Agricultural Science	Mathematics	Physics Education
Agronomy	Merchandising of Textiles, Apparel and Furnishings	Social Science
Alternative Energy	Music	Spanish
Animal Science	Nanoscale Science (<i>Biology, Chemistry, Physics</i>)	Special Ed.: Cross Categorical
Animal Science (Pre-Vet)	Nursing* +	Speech/Theatre Education
Applied Advertising	Office Information Systems (<i>Interactive Digital Media, Management</i>)	Unified Science (<i>Biology, Chemistry, Earth Science, Physics</i>)
Art (<i>Graphic Design, Ceramics, Drawing, Painting, Sculpture, Photography, Printmaking</i>)	Organizational Communication	Vocal Music (<i>Piano, Voice</i>)
Biology (<i>Botany, Cellular-Molecular, Ecology, Environmental Science, General Biology, Marine Biology, Psychology, Zoology</i>)	Philosophy	
Broadcasting	Physics	Pre-Professional Programs
Business Economics	Political Science	Pre-Professional programs are available in the following areas:
Business Management	Pre-Professional Zoology	Pre-Chiropractic
Chemistry ACS	Psychology	Pre-Dental Hygiene
Chemistry	Psychology/Sociology	Pre-Dentistry
Child and Family Studies	Public Administration	Pre-Engineering
Clinical Laboratory Sciences	Public Relations	Pre-Forestry
Computer Science	Recreation (<i>Corporate Rec./ Wellness, Rec. & Park Management, Therapeutic Recreation</i>)	Pre-Law
Economics	Sociology (<i>Social Control, Social Foundations</i>)	Pre-Medicine
English	Spanish	Pre-Mortuary Science
Finance (<i>Corporate Finance, Financial Computing, Financial Mgmt, Financial Services</i>)	Speech Communication	Pre-Nursing
Foods and Nutrition (<i>Dietetics, Restaurant and Food Service Mgmt</i>)	Statistics (<i>Actuarial Science, Applied Mathematics</i>)	Pre-Occupational Therapy
Geographic Info. Science (<i>Civic/Public, Data and Technology, Earth Technology, Geographic</i>)	Theatre (<i>Performance, Technical and Design</i>)	Pre-Optometry
Geography	Wildlife Ecology & Conservation	Pre-Osteopathic & Allopathic Therapy
Geology (<i>Environmental, General</i>)		Pre-Pharmacy
History	Teaching/Education Majors	Pre-Physical Therapy
Horticulture	Agricultural Education	Pre-Podiatry
Humanities	Art Education	Pre-Radiology
Industrial Psychology	Biology Education	Pre-Respiratory Therapy
	Business Education	Pre-Speech Pathology
	Chemistry Education	Pre-Veterinary Medicine
	Elementary Education	
	English Education	

* RN to BSN completion program
* pending CBHE approval

THE DECISION PROCESS

First, don't be daunted by the fact that you have not yet chosen a major. College is, at its core, a journey of self-exploration and discovery. In most cases, being a deciding student will not keep you in college longer than a student who has declared a major. This is largely because of general education requirements (gen eds). Everyone completes gen eds, regardless of their major, and these can be excellent opportunities to sample a variety of disciplines and ideas. In fact, many upperclassmen will tell you they selected their majors or minors based on positive experiences they had in gen ed classes. You might take advantage of some of these courses to get a taste of what a particular major is all about.

General education is the curricular foundation at Northwest; it encourages students to acquire and use the intellectual tools, knowledge and creative capabilities necessary to study the world as it is, as it is to be understood and as it might be imagined. It also furnishes students with skills that enable them to deepen their understanding and to communicate with others.

DEGREE PROGRAMS

BACHELOR OF ARTS

The curriculum leading to the Bachelor of Arts degree emphasizes the fine arts, languages, literature, history and the related social studies, and is often chosen as a pre-professional curriculum by those students who desire a general education, or for entrance into the world of law, the ministry or other professions.

BACHELOR OF FINE ARTS

The Bachelor of Fine Arts degree with a Major in Art is offered as a program of study emphasizing professional preparation in the studio areas of art. Within the 72 trimester hours required for the major, the student must select a specialization (from ceramics, drawing, painting, photography, sculpture or graphic design).

BACHELOR OF SCIENCE

The curriculum leading to the Bachelor of Science degree emphasizes mathematics and the natural sciences and offers a pre-professional program for mathematicians, physicists, biologists, physicians, nurses, psychologists and business administrators.

BACHELOR OF SCIENCE IN CLINICAL LABORATORY STUDIES

The curriculum leading to the Bachelor of Science in Clinical Laboratory Sciences degree emphasizes biology and chemistry. Minimum academic prerequisites are established by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) and are taken on the Northwest campus during the first three years, along with other courses required by the University. The fourth year (senior year) is a structured educational program in an affiliated clinical laboratory. The clinical program is accredited through NAACLS. Upon satisfactory completion of the clinical program, a minimum of 30 hours of credit is granted and the student is awarded a B.S. in Clinical Laboratory Sciences degree. Acceptance into an affiliated program is competitive and will be determined by the quality of academic work completed by the student during the first three years of study. Admission to the clinical program is decided entirely by the hospitals. Acceptance into the University program does not guarantee acceptance of the student by an affiliated clinical program.

BACHELOR OF SCIENCE IN EDUCATION

Completion of this curriculum, other University requirements, and an overall grade point average of 2.50 on a 4.00 scale qualifies the student to receive a Bachelor of Science in Education degree. The Bachelor of Science in Education degree requires a minimum of 40 trimester hours in courses numbered above 300. A minimum total of 124 academic hours are required for this degree. All degrees in education are subject to state requirements which may change at any time due to action of the State Board of Education.

MINORS AT NORTHWEST

Admin. of Child Care Programs	History
Advertising	Horticulture
Agricultural Science	Humanities
Agronomy	Interactive Digital Media
Animal Science	International Studies
Art	Journalism
Biochemistry	Marketing and Cooperative Education
Biology	Mathematical Sciences
Broadcasting	Military Science
Chemistry	Music
Coaching	Nutrition
Commercial Agriculture	Philosophy
Communication (<i>Public Relations, Organizational Comm., Speech Communication</i>)	Physics
Comprehensive Crisis Response	Political Science
Computer Applications	Precision Agriculture
Computer Networking	Psychology
Computer Science	Public Administration
Criminal Justice	Public History
Dance	Recreation
Database Management	Secondary Art Education
Deaf Studies	Sociology
Economics	Statistics
Economic Development	Systems Mgmt. Theatre
English	Visual Journalism
English: Writing	
Environmental Science	Teaching/ Education
Family Life and Resource Mgmt.	Art Elementary
Food Service	Biology
General Business	Business
Geographic Information Systems	Chemistry
Geography	Early Childhood
Geology	Earth Science
Gerontology	English
	Health
	Mathematics
	Middle School Science
	Physics
	Spanish
	Speech/Theatre

BACHELOR OF TECHNOLOGY

The curriculum leading to the Bachelor of Technology degree is individually developed for each candidate and provides for the transfer of non-college-parallel vocational or technical coursework from a regionally-accredited college. The curriculum is designed to provide the additional general and specific education necessary for technicians to develop themselves more broadly and to become more versatile.

NOTE: Students who wish to pursue a Bachelor of Technology degree must have completed an Associate degree or a certificate program through a community college.

GENERAL EDUCATION REQUIREMENTS

The following courses are required for the Bachelor of Arts, the Bachelor of Fine Arts, the Bachelor of Science, the Bachelor of Science in Education and the Bachelor of Science in Clinical Laboratory Studies. It is recommended that students carefully sequence courses from the General Studies Core during their freshman and sophomore years to derive the most benefit from the rigors of the junior and senior years.

FRESHMAN SEMINAR CORE

Freshman Seminar (waived with at least 15 hours of transferable coursework)

WRITTEN COMMUNICATION

Composition 111 AND Composition 112 OR Honors Composition (Need ACT English subscore of 27 or above)

NOTE: Introduction to College Writing is a prerequisite for students who do not meet placement criteria for Composition 111.

ORAL COMMUNICATION

Fundamentals of Oral Communication

MATHEMATICS (one course)

Finite Mathematics
General Statistics
Concepts of Mathematics
Precalculus
College Algebra
Calculus I
Fundamentals of Mathematics

POLITICAL SCIENCE

Introduction to American Government & Politics OR Missouri Politics. If the student has completed an American Government class outside of the state of Missouri, he/she will complete this requirement by taking Missouri Politics.

HISTORY

America — A Historical Survey

LIFE AND PHYSICAL SCIENCE (one from each area)

Life Sciences

Plant Science
General Biology and Lab
General Botany and Lab
General Zoology and Lab

Physical Sciences

General Chemistry and Lab
General Chemistry I and Lab
General Geology and Lab
General Earth Science and Lab
General Physics I and Lab
General Physics II and Lab
Fundamentals of Classical Physics I and Lab
The Physical Sciences and Lab
Descriptive Astronomy and Lab

HUMANITIES AND FINE ARTS (one from each area)

Literature

Introduction to Literature

Humanities/Philosophy

Introduction to Classical Rhetoric
Western Civilization I: The Ancient World to 1500
Western Civilization II: 1500 to the Present
The Humanities, The Eastern World
Introduction to Philosophy
Introduction to Ethics
The African World

Fine Arts

Art Appreciation
Survey of Art
The Enjoyment of Music
Jazz Appreciation
History of Dance
Theatre Appreciation

SOCIAL AND BEHAVIORAL SCIENCES (one from each area)

Social Sciences

Introductory Agricultural Economics
Survey of Economics
General Economics I
Introduction to Geography
General Sociology
General Anthropology

Behavioral Sciences

General Psychology
Educational Psychology

INSTITUTIONAL REQUIREMENTS

Institutional Requirements courses are required for the existing degrees: Bachelor of Arts, the Bachelor of Fine Arts, the Bachelor of Science, the Bachelor of Science in Education, the Bachelor of Technology and the Bachelor of Science in Clinical Laboratory Sciences.

Any course taken to fulfill the Institutional Requirements cannot also fulfill the General Education Requirements or Major/Minor requirements, unless specifically permitted in this catalog.

It is recommended that students carefully sequence courses from the Institutional Requirements during their freshman and sophomore years.

Multicultural/Diversity Competency

Intercultural Communication
Pluralism in a Multicultural Society
Multiethnic Literature of the U.S.
Modern and Contemporary World Literature
People and Cultures of the World
Comparative Religions
French: Communication and Culture I
French: Communication and Culture II
Spanish: Communication and Culture I
Spanish: Communication and Culture II
Introduction to American Sign Language and Deaf Culture
Ethnographic Film Study
World Music
Leisure and Society

Information Technology Competency

Computers and Information Technology
Educational Computing and Technology
Information and Educational Technology
Information Technology and Science
Information Technology and Culture
Computational Methods in Science

COURSE DESCRIPTIONS

COMPOSITION COURSES

Composition I

Extensive practice in narrative, descriptive and expository writing, using supplementary readings to model form and to generate subject matter for composition.

Composition II

Further practice in expository writing. Includes study of techniques of research and documentation and requires preparation of a documented research paper.

Honors Composition

Intensive writing course including study of rhetorical forms and strategies, organizing, prewriting, drafting, editing and rewriting. Uses supplementary readings as rhetorical models and to generate subject matter. Includes study of techniques of research and documentation and requires preparation of a documented research paper.

ORAL COMMUNICATION

Fundamentals of Oral Communication

An overview of the theory and guided practice of the skills utilized in intrapersonal, interpersonal, group and public communication. The student will perform an interview, small group discussion, informative speech and persuasive speech.

MATHEMATICS

Finite Mathematics

Topics include set algebra, matrices, functions, analytics of the straight line, linear programming and probability spaces, with emphasis on applications from business and economics.

General Statistics I

Basic concepts of decision making, central values, variability, probability and statistical inference, elementary concepts of correlation, parametric tests of significance, and regression analysis. Will satisfy the General Education requirement in mathematics.

Concepts of Mathematics

An explanation of ways in which mathematics is used to understand the contemporary world.

Precalculus

A course to prepare students to take calculus. Topics include functions and graphs, equations and inequalities, and analytic geometry and trigonometry.

College Algebra

Topics include functions and graphs, systems of equations and inequalities and analytic geometry. Designed for students who plan continued study in college mathematics.

Calculus I

An introduction to single-variable calculus. Topics include intuitive treatment of limits and continuity, differentiation of elementary functions, curve sketching, extreme values, areas, rates of change, definite integral and fundamental theorem of calculus.

Fundamentals of Mathematics

An analytic exploration of elementary mathematics concepts, including set theory, operations in numeration systems and bases, number theory, operations and applications with rational and real numbers, probability and statistics, logic, relations and modular arithmetic.

POLITICAL SCIENCE

Introduction to American Government and Politics

Attention is directed toward the fundamental principles, institutions, and problems of American Constitutional Government—national, state, and local. Particular stress is given to the Missouri Constitution, as well as to national Constitutional growth.

Missouri Politics

The provisions and principles of the Constitution of the State of Missouri will be examined.

HISTORY

America—A Historical Survey

A general education course that will survey the scope of American history through selected chronologically-arranged topics.

SCIENCE

Plant Science

A survey course that covers fundamentals of structure, function and environmental interactions of higher plants. The application of science to the study and utilization of plants is examined.

General Biology

A general course in biology which provides students a broad understanding of the basic principles of biological science such as cells, energy production, photosynthesis, genetics, plant and animal physiology, ecology and diversity. Upon completion, students should be able to understand the intricate relationship between living organisms and their environment and more intelligently act upon important issues facing our society.

General Botany

A fundamental study of plants: life histories, structure, physiology, ecology and economic importance.

General Zoology

Introduction to animal life including life histories, structure, functions and reproduction.

General Chemistry

Beginning course for those who have had no chemistry in high school. Must be taken concurrently with General Chemistry Laboratory. Serves as a refresher course for science majors and satisfies the general laboratory physical science requirement. Involves a study of elements, compounds and fundamental chemical laws.

General Chemistry I

Beginning course for science majors with a good high school background in chemistry. Must be taken concurrently with General Chemistry I Laboratory. This course covers fundamental chemical principles such as atoms, molecules, chemical reactions, stoichiometry, and gas laws as it progresses toward detailed study of quantum chemistry, periodic relationships, and molecular structure and properties.

General Geology

A study of the minerals, surface features, geologic processes and history of the earth.

General Earth Science

A general introductory survey of the earth sciences of physical geography, geology, oceanography, climatology and meteorology.

General Physics I

This is a laboratory course in general physics designed to provide the necessary background in physics to fill general education requirements and to fill general physics needs for pre-professional programs. Major topics covered are structure and properties of matter, motion, mechanics, work, energy, momentum, elasticity, waves, temperature and heat.

General Physics II

This is a continuation of General Physics I. Major topics covered are electricity, electronics, optics, radioactivity, and atomic and nuclear structure.

Fundamentals of Classical Physics I

An introduction to classical kinematics, mechanics gravitation, energy, momentum, waves, heat and thermodynamics.

The Physical Sciences

This is an introductory, general education course in the physical sciences for students with very little background in science. The topics covered are selected from the fields of chemistry and physics, and their relationships to other sciences, technology and society.

Descriptive Astronomy

This is an introductory general education course in astronomy. Topics covered involve the descriptive study of the physical universe including the earth-moon system, the solar system, general stellar system, stellar structure and evolution, galactic systems and cosmological models. The laboratory work emphasizes basic techniques and instruments used in observational astronomy.

HUMANISTIC STUDIES

Introduction to Literature

A general introduction to literature organized around central themes in our global society. Selected themes will vary, but each course offering will include (1) literature from various genres, (2) literature from three centuries and (3) readings from at least three of four distinct cultural categories.

Introduction to Classical Rhetoric

An introduction to the development and theories of rhetoric. The focus is on the ancient Greeks and Aristotle's Rhetoric as well as the Romans including Cicero and Quintilian.

Western Civilization I: The Ancient World to 1500

An introduction to the development of Western Culture from the Ancient World through the Renaissance.

Western Civilization II: 1500 to the Present

An introduction to the development of Western Culture from 1500 to the present.

The Humanities, The Eastern World

An introductory survey covering the literary, artistic, philosophical and religious traditions of selected Eastern cultures with special emphasis on China and Japan.

Introduction to Philosophy

Basic problems and ideas encountered in the moral and intellectual life of humankind are analyzed in a systematic, rather than an historical manner. Attention is devoted to the philosophies and theories of knowledge, metaphysics, religion, morals, politics and science.

Introduction to Ethics

An examination of the fundamental concepts, principles and major theoretical approaches of ethics used to determine the moral demands of human conduct with applications to important ethical questions of contemporary interests.

The African World

An introduction into Africa's rich histories and cultures, as well as its complex social, economic and political realities.

Art Appreciation

A study of the elements and principles of art as well as forms of expression in works from the major periods of Western art. Although the works will be studied in the context of history, the course is not a chronological survey.

Survey of Art

A topical survey of outstanding works from major periods of Western art with emphasis placed on the purposes of art and the roles of artists.

The Enjoyment of Music

A general education course designed to provide the student a better understanding and appreciation of the varied styles of music.

Jazz Appreciation

A general education course designed to provide the student with a better understanding and appreciation of this uniquely American art form.

History of Dance

A broad perspective of the evolution of dance from the onset to the present.

Theatre Appreciation

An introductory course surveying the aesthetic process by which plays are translated into theatrical terms and projected from a stage to an audience, including play analysis, acting, directing, scene design, costume, makeup and stage lighting.

SOCIAL AND CULTURAL STUDIES

Introductory Agricultural Economics

Principles of production, supply and demand are applied to economic problems of agriculture and agriculturally related industries. Emphasis is placed on understanding the theoretical underpinnings of decision analysis within the biological, institutional and structural parameters of the agricultural sector.

Survey of Economics

This course is a one trimester survey of economics. Topics include scarcity and resource allocation; supply and demand; the nature of households and firms, and their interaction in markets; money and banking; gross domestic product determination; and government economic policies.

General Economics I

An introduction to the fundamental principles of macroeconomic analysis. The basic principles relating to aggregate supply and demand; the determination of national income, employment and price level; money and banking; monetary and fiscal policies; and alternative economic systems are studied.

Introduction to Geography

Survey course introducing students to the geographical study of the relationship of humans to the environment and the spatial patterns of human activities.

General Sociology

This course is designed to provide a greater understanding of the social world. Sociology is defined as a scientific study of human behavior in social life with an assumption that there are social forces which shape and influence patterns of behavior and ways of thinking. These include social forces such as culture, stratification, age, gender, race and ethnicity, and globalization. Several sociological perspectives serve as the point of reference by which human behavior at the micro and macro level are better understood.

General Anthropology

A survey course covering the origins of man, ancient man and prehistoric culture; faces of man and cultural capacity; historical and contemporary preliterate culture, including housing and handicrafts, marriage and kinship, status and role, property and government, religion and the supernatural.

General Psychology

A survey course designed to introduce students to the foundation of human and animal behavior. Students will study the content and the processes used by behavioral scientists to discover, describe, explain and predict human behavior. The course provides an environment in which students learn how to critically evaluate the biological, social/cultural and psychological variables that contribute to behavior and to reflect on those to develop an informed sense of self and others.

Educational Psychology

Emphasizes understanding and application of psychological principles that affect classroom instruction. Subject areas studied are cognitive development, learning, motivation and evaluation. Intended for prospective teachers and others interested in psychology as applied to education.

MULTICULTURAL/DIVERSITY COMPETENCY

Intercultural Communication

An analysis of how culture interacts with communication and an examination of issues and problems encountered when communicating across cultures.

Pluralism in a Multicultural Society

This course is designed to impart a knowledge of and sensitivity to issues which foster potential prejudices and discrimination. These issues include race, national origin, sexism, religion, handicaps (physical and mental), economic position and others. Methodology in humanizing the curriculum, sensitivity issues, historical perspectives, and means by which dehumanizing biases may be recognized in instructional materials also shall be included in the content of this course.

Multiethnic Literature of the United States

Focuses on the literature of African Americans, Native Americans, Chicanos/Chicanas and Asian Americans. Includes close critical reading of a variety of texts as well as attention to the cultural contexts from which the literature derives.

Modern and Contemporary World Literature

Although paying some attention to parallel themes in the "world" literature of post-1900 Europe, the course focuses on non-Western literature of the twentieth century and later. It includes close critical reading of a variety of genres as well as attention to the cultural contexts from which the literature derives.

People and Cultures of the World

A regional perspective on the distribution of languages, religions, laws and customs around the globe.

Comparative Religions

An introduction to and a comparative analysis of selected religious traditions.

French: Communication and Culture I

Initiates awareness of Francophone cultures along with the ability to understand simple conversation in French and to communicate basic needs and describe activities. Intended for students with no previous study of French.

French: Communication and Culture II

Develops comprehension and communication skills, including the ability to discuss opinions and past events, and introduces students to French life and culture.

Spanish: Communication and Culture I

Initiates awareness of Hispanic cultures along with the ability to understand simple conversation in Spanish and to communicate basic needs and activities. Intended for students with no previous study of Spanish.

Spanish: Communication and Culture II

Develops comprehension and communication skills, including the ability to discuss opinions and past events, and introduces students to various countries in Spanish America.

Introduction to American Sign Language and Deaf Culture

This course introduces awareness of the deaf culture along with the ability to understand simple conversations with an emphasis on the signing space and use of non-manual components. This includes an introduction to the manual alphabet, fingerspelling, numbers, culturally appropriate behaviors, and exposes students to basic ASL vocabulary and grammar.

Ethnographic Film Study

A study of international cinema from a multicultural standpoint. The course will focus on some predominant themes common to many world cultures, themes such as war, liberation, immigration and racism.

World Music

World Music surveys the music of cultures outside the Western Art tradition, with an emphasis on understanding the music within the context of the culture. Areas of focus include Africa, Latin America, India, Japan, Native American, Indonesia, China and others.

Leisure and Society

This course explores the historical and contemporary leisure and recreation phenomena within the context of societal diversity and multicultural considerations. The course will review diverse perspectives on the meaning of leisure and the role it plays within cultures and ethnic groups, as well as the potential implications of assimilation into dominant cultural norms.

INFORMATION TECHNOLOGY COMPETENCY

Computers and Information Technology

Introduction to computer systems. Topics include integrated office applications, hardware, software, Internet, and the rights and responsibilities of computer users.

Educational Computing and Technology

Introductory educational technology course required for all elementary education majors that emphasizes application of contemporary technology in elementary education. Students will learn to use technology as a tool to improve the teaching and learning processes. The methodologies and materials used in the course are updated each semester according to current trends, practices, and research in the field of educational technology. In addition, technologies used in the course will be same as technologies that are used and available in K-6 classrooms.

Information and Educational Technology

This educational information and technology course will provide instruction in technology language and technology use for the educator. This proposed course is intended to serve students majoring in education to prepare them to plan, instruct, communicate and manage record keeping in addition to modeling technology use for their students.

Information Technology and Science

An introduction into the basics of computer systems and software that are typically used at Northwest and in the professional world. Topics reviewed will include studies of PC-based computer systems, use of the school's network system, effective use of internet resources and the World Wide Web (WWW), common productivity software (such as office programs, suites, e-mail, Web-course) with particular emphasis on applications to the sciences.

Information Technology and Culture

How contemporary technology shapes, positively and negatively, our interactions with the world, and the ability to understand and use contemporary information technology in that world.

Computational Methods in Science

Methods used in the computational analysis, interpretation, and presentation of data generated from scientific inquiry. Topics covered will encompass, but will not be limited to, spreadsheets, graphical, and statistical analysis of data, concept mapping, use of databases, scientific writing, and symbolic calculation techniques.

- ▶ Student to faculty ratio is 21 to 1.
- ▶ Every full-time student is issued a laptop computer with 24-hour access to the Internet, our online library, e-mail and more than 200 other software applications.
- ▶ About 7,000 students attend Northwest.
- ▶ The most popular majors at Northwest are business, agriculture and education.
- ▶ Textbooks are included in the cost of tuition and fees.
- ▶ With Northwest's trimester program, you can take a full slate of courses each summer — and graduate early!

FRESHMAN SEMINAR

Northwest prides itself on its friendly atmosphere and personalized approach. Therefore, if you haven't decided on a major, this is a good place to be. Professors and other professionals are accessible and it's easy to meet with someone to talk about your interests and career possibilities. In addition, all first-year students take a one-hour course called Freshman Seminar and deciding students are in a section designed specifically for them. In seminar, you'll be able to talk to a professor who understands where you're coming from, a peer advisor who is a current upperclassman at Northwest, and a room full of students in your same situation.

Here are some of the things you will do during Freshman Seminar:

- Visit an Exploring Majors and Minors event each trimester to learn about all the majors on campus. Visit with the professors who teach the classes or Northwest staff members about future career paths.
- Choose a campus organization to attend, then reflect on the group.
- Sample the entertainment on campus — from Broadway shows and concerts to visiting lectures and small, student-produced theater.
- Attend a presentation or take part in a tour provided by the knowledgeable staff of Career Services. Find out early how this office can help you during your time at Northwest.
- Develop a personal plan for your success at Northwest.

ACTIVITIES & ORGANIZATIONS

One of the most important things you can do during college is to get involved with clubs and organizations that interest you. This way, you can meet other people, find out what they're studying, how well they like it and what the classwork and extracurricular activities are going to entail. To find out more about the 180 clubs and organizations on campus, you can attend the Student Organizations Fair that takes place during Advantage Week. Also at Advantage, you will receive a copy of the Connections handbook, which lists all the groups on campus.

EXPLORING MAJORS & MINORS

Each fall trimester, all the academic departments on campus present an Exploring Majors and Minors fair in which Deciding students can ask questions of students and faculty to explore which major is right for them. A smaller version of Exploring Majors and Minors is offered each spring so that further help and information is readily available in each of your first two trimesters.

In addition, even if you're just pondering a particular major, call the Admissions Office and ask them to send you that department's brochure. You'll learn more about the kinds of classes you'll be taking and the employment opportunities available from each field.

PRACTICUM COURSES

In addition to clubs and organizations, many departments offer practicum classes that you can take early on during college to see if you will like their programs. For instance, if you're unsure about elementary education, you can take Observation and Activity to get a feel for the classroom environment. Or, if you think journalism or broadcasting is for you, there are practicum classes in which you can work at a radio station for a trimester, or gain experience at The Northwest Missourian, the student newspaper.

GUIDANCE

ADVISEMENT ASSISTANCE AND ORIENTATION OFFICE

The Advisement Assistance and Orientation Office, located on the second floor of the Administration Building, was developed to assist various populations, including the deciding student population. Stop by for one-on-one counseling on a major that will fit your personality.

CAREER SERVICES

The Career Services Office, located in the Administration Building, has a variety of resources to assist in your major decision, including a comprehensive career library, personal career counseling appointments and an Internet-delivered career guidance program. The Career Services staff can then help you identify Northwest majors designed to help you reach your career goal.

COUNSELING CENTER

Counselors can give you advice on coping with some of the pressures that come with being a deciding student in a world where the first question a person asks is "What's your major?"

OWENS LIBRARY

The library isn't just for studying. It contains more than 600,000 volumes in a modern, three-story building designed to support the needs of Northwest students and faculty in conducting scholarly research, maintaining current knowledge in subjects of interest and reading for personal growth and enrichment.

NORTHWEST DEPARTMENTS & COLLEGES

COLLEGE OF ARTS AND SCIENCES

- Art
- Biological Sciences
- Chemistry & Physics
- Communication, Theatre & Languages
- English
- Geology & Geography
- History, Humanities, Philosophy & Political Science
- Mathematics & Statistics
- Music

COLLEGE OF EDUCATION AND HUMAN SERVICES

- Curriculum & Instruction
- Educational Leadership
- Health, Physical Education, Recreation & Dance
- Family & Consumer Sciences
- Psychology, Sociology & Counseling

MELVIN AND VALORIE BOOTH COLLEGE OF BUSINESS AND PROFESSIONAL STUDIES

- Accounting, Economics & Finance
- Agriculture
- Computer Science/Information Systems
- Marketing & Management
- Mass Communication

OFFICE OF ADMISSIONS

Northwest Missouri State University
800 University Drive
Maryville, MO 64468-6001

1.800.633.1175
admissions@nwmissouri.edu

www.nwmissouri.edu