

GENERAL EDUCATION REQUIREMENTS

All students in bachelor's or associate degree programs must complete a set of general education requirements in addition to their program requirements. Mountain State University's general education program is designed to help you succeed personally and professionally by developing an awareness of social, cultural, and scientific issues; skills in communication, critical thinking, and research; creative approaches to problem solving; reflective analysis of individual roles and ethical responsibilities; and the ability to transfer your knowledge and skills from a university environment to the global community.

BACHELOR'S DEGREE REQUIREMENTS

All bachelor's degree students are required to complete 36 hours of general education courses in communication skills, computer proficiency, English composition, humanities and fine arts, mathematics, natural sciences, and social sciences.* Before selecting general education courses, check course listings for any prerequisites or corequisites and review your program of study for specific course requirements. In some cases, a limited portion of general education requirements can be fulfilled through program-specific courses.

Communication Skills: 3 hours

Select from the following courses:

COMM 200	Prin of Communication in Health Care
COMM 203	Intro to Human Comm
COMM 204	Intro to Speech Comm
COMM 250	Interpersonal Comm
ENGL 220	Technical Writing

*Bachelor's degree students at MSU Center Township are required to complete 42 hours of general education requirements. See the Center Township catalog or contact a campus administrator for a list of general education requirements.

Computer Proficiency: 3 hours

Select from the following courses:

- Any computer information systems (CIS) course
- Any computer science (CSCI) course
- Any information technology (IT) course

English Composition: 6 hours

Complete both of the following courses with a grade of C or better:

ENGL 101	English Composition I
ENGL 102	English Composition II

Humanities and Fine Arts: 6 hours

Select from the following courses:

- COMM 206 Amer Sign Language I
- COMM 208 Amer Sign Language II
- Any art (ART) course
- Any literature course from English (ENGL)
- Any humanities (HUMN) course
- Any music (MUSC) course
- Any philosophy (PHIL) course
- Any religious studies (RELI) course
- Any Spanish (SPAN) course

Mathematics: 3 hours

Select from the following courses:

MATH 101	Math for Hlth Sciences
MATH 102	Beginning Algebra
MATH 104	Business Mathematics
MATH 112	Intermediate Algebra
MATH 116	Elementary Statistics
MATH 120	College Algebra
MATH 130	Plane Trigonometry
MATH 210	Calculus I
MATH 212	Calculus II
MATH 214	Calculus III
MATH 313	Applied Statistics
MATH 314	Quantitative Methods
MATH 344	Differential Equations

Natural Sciences: 6 hours

Select from the following courses:

ENVR 106	Intro to Hazardous Mtls
ENVR 207	Chem of Hazardous Mtls
ENVR 300	Toxicology
ENVR 315	Fund of Ind Hygiene
ENVR 415	Adv Industrial Hygiene
Any astronomy (ASTR) course	
Any biology (BIOL) course	
Any chemistry (CHEM) course	
Any geology (GEOL) course	
Any meteorology (METR) course	
Any physical science (PHSC) course	
Any physics (PHYS) course	

Social Sciences: 9 hours

Select from the following courses:

CRJS 101	Intro to Criminal Justice
Any economics (ECON) course	
Any geography (GEOG) course	
Any history (HIST) course	
Any political science (POLI) course	
Any psychology (PSYC) course	
Any social science (SSCI) course	
Any sociology (SOCI) course	
Any social work (SOWK) course	

ASSOCIATE DEGREE REQUIREMENTS

All associate degree students are required to complete 24 hours of general education

courses in communication skills, computer proficiency, English composition, humanities and fine arts, mathematics, and natural or social sciences. Before selecting general education courses, check course listings for any prerequisites or corequisites and review your program of study for specific course requirements. In some cases, general education requirements can be fulfilled through program-specific courses.

Communication Skills: 3 hours

Select from the following courses:

COMM 200	Prin of Communication in Health Care
COMM 203	Intro to Human Comm
COMM 204	Intro Speech Comm
COMM 250	Interpersonal Comm
ENGL 220	Technical Writing

Computer Proficiency: 3 hours

Select from the following courses:

Any computer information systems (CIS) course	
Any information technology (IT) course	
Any computer science (CSCI) course	

English Composition: 6 hours

Complete both of the following courses with a grade of C or better:

ENGL 101	English Composition I
ENGL 102	English Composition II

Humanities and Fine Arts: 3 hours

Select from the following courses:

COMM 206	Amer Sign Language I
COMM 208	Amer Sign Language II
Any art (ART) course	
Any literature course from English (ENGL)	
Any humanities (HUMN) course	
Any music (MUSC) course	
Any philosophy (PHIL) course	
Any religious studies (RELI) course	
Any Spanish (SPAN) course	

Mathematics: 3 hours

Select from the following courses:

MATH 101	Math for Hlth Sciences
MATH 102	Beginning Algebra
MATH 104	Business Mathematics
MATH 112	Intermediate Algebra
MATH 116	Elementary Statistics
MATH 120	College Algebra
MATH 130	Plane Trigonometry
MATH 210	Calculus I
MATH 212	Calculus II
MATH 214	Calculus III
MATH 313	Applied Statistics
MATH 314	Quantitative Methods
MATH 344	Differential Equations

Natural or Social Sciences: 6 hours

Select from the following courses:

Natural Sciences

ENVR 106	Intro to Hazardous Mtls
ENVR 207	Chem of Hazardous Mtls
ENVR 300	Toxicology
ENVR 315	Fund of Ind Hygiene
ENVR 415	Adv Industrial Hygiene

Any astronomy (ASTR) course
 Any biology (BIOL) course
 Any chemistry (CHEM) course
 Any geology (GEOL) course
 Any meteorology (METR) course
 Any physical science (PHSC) course
 Any physics (PHYS) course

Social Sciences

CRJS 101	Intro to Criminal Justice
Any economics (ECON) course	
Any geography (GEOG) course	
Any history (HIST) course	
Any political science (POLI) course	
Any psychology (PSYC) course	
Any social science (SSCI) course	
Any social work (SOWK) course	
Any sociology (SOCI) course	

PLACEMENT

Depending on your placement in English and mathematics, you may be required to complete developmental coursework before you can begin fulfilling some of your general education requirements. See *Placement Testing* in the Registration and Payment chapter for details.

SPECTRUM: INTEGRATED GENERAL EDUCATION

Eligible students have the option of completing their general education requirements through Spectrum, an integrated option offered at branch campuses and at sites throughout West Virginia. The complete sequence combines general education requirements into three semesters for associate degree students or four semesters for bachelor's degree students, with a structure that requires one night a week in the classroom over approximately 18 months.

In each of Spectrum's semesters, students take a set group of related classes with an emphasis on the real-world connections between subjects. The first semester focuses on thought and communication with coursework in English, communication, and ethics. The second semester concentrates on mathematics, computer skills, and sciences. The third and fourth semesters integrate earlier learning with studies in the social sciences while providing a foundation for later work in your field. After completing the sequence, you will have earned 36 to 50 credit hours relating to an associate or bachelor's degree.

Spectrum is offered with orientations that prepare students to enter programs in business, criminal justice, psychology of early childhood development, and health sciences.

Business Orientation (48 hours)

Completing this track will qualify you for the degree completion program in organizational leadership or give you a start in most other programs within the School of Business and Technology.

Semester 1: Qualitative (12 hours)

COMM 204	Intro to Speech Communication
ENGL 101	English Composition I
ENGL 102	English Composition II
PHIL 190	Ethics

Semester 2: Quantitative (12 hours)

IT 100	Intro to Computers
IT 101	Intro to Word Processing
IT 102	Intro to Spreadsheets
MATH 102	Beginning Algebra
PHSC 101	Gen Physical Science I
PHSC 102	Gen Physical Science II

Semester 3: Applied (12 hours)

HIST 101	History of Civilizations I
HUMN 101	Humanities
PSYC 201	Prin of Psychology
SOCI 201	Intro to Sociology

Semester 4: Career Foundations (12 hours)

LGLS 298	Business Law
COMM 250	Interpersonal Communication
ENGL 220	Technical Writing
MATH 104	Business Math

Some courses may be provided through individualized study. Curriculum and instructional location are subject to change. Order of courses within a semester does not reflect the order of instruction.

Criminal Justice Orientation (42 hours)

Completing the criminal justice orientation track will qualify you for the degree completion program in criminal justice or give you a start in most of MSU's other criminal justice programs.

Semester 1: Qualitative (12 hours)

COMM 204	Intro to Speech Communication
ENGL 101	English Composition I
ENGL 102	English Composition II
PHIL 190	Ethics

Semester 2: Quantitative and Applied (12 hours)

IT 100	Intro to Computers
IT 101	Intro to Word Processing
IT 102	Intro to Spreadsheets
MATH 102	Beginning Algebra
PSYC 201	Principles of Psychology
SOCI 201	Intro to Sociology

Semester 3: Career Foundations (15 hours)

CRJS 101	Intro to Criminal Justice
CRJS 220	Juvenile Justice
CRJS 230	American Legal Systems
CRJS 254	Criminology
CRJS 256	Criminal Law

Individualized Study (3 hours)

CRJS 240	Intro to Policing or
CRJS 250	Intro to Corrections

Some courses may be provided through individualized study. Curriculum and instructional location are subject to change. Order of courses within a semester does not reflect the order of instruction.

Early Childhood Orientation (36 hours)

Completing the early childhood orientation track will qualify you for the A.A.S. in psychology of early childhood development or give you a solid foundation toward many School of Arts and Sciences bachelor's degree programs.

Students who have completed West Virginia Apprenticeship for Child Development Specialist (ACDS) training are eligible for 32 semester hours of prior learning credit toward their degree upon completion of this track.

Semester 1: Qualitative (12 hours)

COMM 204	Intro to Speech Communication
ENGL 101	English Composition I
ENGL 102	English Composition II
PHIL 190	Ethics

Semester 2: Quantitative and Applied (12 hours)

IT 100	Intro to Computers
IT 101	Intro to Word Processing
IT 102	Intro to Spreadsheets
MATH 102	Beginning Algebra
PSYC 201	Principles of Psychology
SOCI 201	Intro to Sociology

Semester 3: Career Foundations**(12 hours)**

PSYC 202	ECD Perspectives, Issues, Methods
PSYC 203	ECD Exceptionality
PSYC 204	ECD Survey of Holistic Development/Assessmt
PSYC 205	Innovation & Excellence in ECD*

PSYC 205 includes a community laboratory experience.

Some courses may be provided through individualized study. Curriculum and instructional location are subject to change. Order of courses within a semester does not reflect the order of instruction.

Health Care Orientation (50 hours)

Completing the health care orientation track will provide a foundation for work in many programs within the School of Health Sciences. Some programs have additional requirements or selective admissions policies; see the program listings in the School of Health Sciences chapter for details.

Semester 1: Qualitative (12 hours)

COMM 200	Communication in Health Care
ENGL 101	English Composition I
ENGL 102	English Composition II
PHIL 200	Medical Ethics and Law

Semester 2: Quantitative (12 hours)

CHEM 201	Chemistry for Health Sciences I
CHEM 201L	Chemistry for Health Sciences I Lab
IT 101	Intro to Word Processing
IT 102	Intro to Spreadsheets
MATH 101	Math for Health Sciences
MATH 116	Elementary Statistics

Semester 3: Applied (12 hours)

PHIL 201	Intro to Philosophy
PSYC 201	Prin of Psychology
PSYC 212	Lifespan Dev Psych
SOCI 201	Intro to Sociology

Semester 4: Career Foundations**(14 hours)**

BIOL 215	Human A&P I
BIOL 215L	Human A&P I Lab
BIOL 216	Human A&P II
BIOL 216L	Human A&P II Lab
BIOL 219	Microbiology
BIOL 219L	Microbiology Lab

Some courses may be provided through individualized study. Curriculum and instructional location are subject to change. Order of courses within a semester does not reflect the order of instruction.

ONLINE GENERAL EDUCATION

For some students, online study provides the best and most convenient way of completing general education requirements. While you have a great deal of flexibility in structuring online study, MSU has developed a sequence that can help ensure that you meet all requirements quickly and efficiently by taking two classes at a time in a series of eight-week terms.

Online Enhancement Program (12 hours)

If your basic skills are rusty or need to be strengthened, you can start out with an optional series of classes designed to prepare you for university-level study.

First 8 Weeks (6 hours)

CIS 100	Basic Computer Utiliztn
MATH 100	General Mathematics

Second 8 Weeks (6 hours)

ENGL 100	College Writing
RDNG 100	Reading & Study Skills

Online General Education

Online general education can help prepare you for one of the programs offered through any of MSU's academic schools.

First 8 Weeks (6 hours)

CIS 115	Fund of Computer Appls
SSCI 181	Skills for Success

Second 8 Weeks (6 hours)

ENGL 101 Intro to Composition I
MATH 102 Beginning Algebra **or**
MATH 112 Intermediate Algebra **or**
MATH 120 College Algebra

Third 8 Weeks (6 hours)

COMM 203 Intro to Human Comm
ENGL 102 Intro to Composition II

Fourth 8 Weeks (6 hours)

PHIL 190 Ethics
PSYC 201 Principles of Psychology

If you are pursuing an associate degree, you can complete your general education component after the fourth 8-week session. With an additional two sessions, you can complete the general education requirements for a bachelor's degree.

Fifth 8 Weeks (6 hours)

PHSC 101 General Physical Science
SOC 201 Intro to Sociology

Sixth 8 Weeks (6 hours)

GEOL 101 Intro to Geology
RELI 350 Intro to World Religions