Arts & Sciences Division

If you are trying to identify a program that will help you increase your knowledge, skills and abilities while enhancing your career options then the Arts & Sciences Division has programs to meet your needs.

Develop your critical thinking skills, sharpen your writing ability, and enhance your knowledge by completing a degree in Arts & Sciences. Position yourself to compete for jobs in the global economy by choosing the first step toward a bachelor’s degree and a successful career.

The Associate of Arts (AA), Historic Preservation, Associate of Science (AS) and the Transfer Module (TM) programs are all designed to transfer into various bachelor degree programs. The future demands highly-skilled and knowledgeable people who are adaptable, flexible, and capable of embracing change in a fast-paced world. Choosing to pursue an AA, AS or the TM will help you develop the skills and knowledge required to be a highly sought-after graduate – by both universities and employers. Sign up and take the first step on your journey to success! Whatever goals you want to accomplish, our courses will help you develop the ability to achieve them.

Program Learning Outcomes

1. Produce unified, coherent, and well-developed essays following the rules of written academic English and proper source documentation.
2. Interpret the larger thematic, historical, or cultural significance of primary works in the humanities.
3. Define and apply key concepts when examining human functioning and problems in society.
4. Demonstrate symbolic and graphic manipulations using analytic mathematics skills appropriate to the program.
5. Incorporate the steps of the scientific method, beginning with a question, and concluding by analyzing data and drawing conclusions about a stated hypothesis.
6. Apply information literacy skills focusing on locating and evaluating scholarly sources.

Prerequisites

All students are required to demonstrate proficiencies in reading, writing, and mathematics based on scores on the placement test or by taking the recommended classes. If you have not taken the tests, stop by the Admissions Office in C106 or call (419) 267-1320 for information or referral to testing.

Some courses listed in this program have specific prerequisites. See prerequisites required for each course in the Course Description section of this publication.

General Education

For Northwest State Core Requirements for all graduates, see page 31.

Students enrolled in either the Associate of Arts or Associate of Science degree program must demonstrate the following abilities through placement testing or successful course completion:

- ENG080 Reading Comprehension
- ENG090 Basic Composition
- ENG095 Integrated College Reading
- MTH050 Review of Basic Math
- MTH078 Beginning Algebra I
- MTH079 Beginning Algebra II
- MTH080 Review of Beginning Algebra
- MTH090 Intermediate Algebra
- MTH099 Engineering Math
- CIS090 Introduction to Computers
- OAS090 Keyboarding Basics

Additional courses should be selected in line with the student’s chosen field of study and the four-year college to which the student plans to transfer. Note that many four-year institutions require a foreign language sequence.
ASSOCIATE OF ARTS

ARTS AND SCIENCES DIVISION

English and Composition: Credits
2 Courses Required
ENG111 Composition I (“C” or better required) .................. 3
ENG112 Composition II (Required) ................. 3

Humanities: Credits
15 Credit Hours Required
- One literature course: ENG223, ENG240, ENG241, ENG250, ENG251, ENG260, ENG261, or ENG271 (required)
- One humanities survey: HUM209 or HUM210 (required)
- No more than 6 hours in the applied arts*
  ART103 Beginning Drawing* ......................... 3
  ART210 Oil/Acrylics* ................................ 3
  ART220 Beginning Sculpture*......................... 3
  ENG217 Introduction to Creative Writing* .. 3
  ENG223 Interpretation of Literature............. 3
  ENG230 Children’s Literature .................. 3
  ENG234 Narrative Literature of the Old
     Northwest Territory .............................. 3
  ENG240 Introduction to Poetry .................. 3
  ENG241 Introduction to Fiction ................ 3
  ENG250 American Literature Through the
     Mid-19th Century ................................ 3
  ENG251 American Literature Since the
     Mid-19th Century ................................ 3
  ENG260 British Literature Through the
     18th Century .................................. 3
  ENG261 British Literature 19th Century
     to Present .................................. 3
  ENG271 Non-Western Literature ............... 3
  HUM121 Concert Band* .................................... 1
  HUM209 Humanities and Cultures:
     Ancient & Medieval Worlds ...................... 3
  HUM210 Humanities and Cultures:
     Renaissance to Present ....................... 3
  HUM221 Music Appreciation ..................... 3
  HUM230 Art Appreciation ....................... 3
  PHI110 Critical Thinking and Logic ........... 3
  PHI201 Introduction to Philosophy ............ 3
  PHI210 Ethics ....................................... 3
  PHI230 World Religions .......................... 3

Social/Behavioral Sciences: Credits
15 Credit Hours Required
One Behavioral Science Course Required:
PSY110 General Psychology ............................. 3
One Social Science Course Required:
SSC101 Sociology OR .................................. 3
SSC102 Sociology Sustainable World ............. 3
For remaining credits, choose from the following:
ECO211 Macroeconomics ................................ 3
ECO212 Microeconomics ................................ 3
GEO110 World Geography ............................. 3
GEO210 Geography - U.S. & Canada ............... 3
HIS101 U.S. History Pre-1876 .................... 3
HIS102 U.S. History Post-1876 ................... 3
HIS203 U.S. Since 1945 ................................ 3
HIS210 The Modern World .......................... 3
HIS 234 History of the Old Northwest
     Territory ....................................... 3
HST212 Principles of Addiction .................. 3
HST240 Social Problems ............................. 3
HST242 Marriage and the Family ............... 3
PSY210 Abnormal Psychology ...................... 3
PSY220 Social Psychology ............................. 3
PSY230 Human Psychology ........................... 3
PSY260 Forensic Psychology ....................... 3
SSC110 General Anthropology ..................... 3
SSC120 American Government ..................... 3
SSC130 Comparative Government ................. 3
SSC210 Cultural Diversity ......................... 3
SSC220 Interpersonal Violence .................... 3

Mathematics and Natural Science: Credits
10 Credit Hours Required
- At least 1 course must be a lab course*
- One Transfer Module (TM) approved mathematics or statistics
  class **
- Please Note: BIO100, CHM100 and PHY100 are the same
  course-choose the disciplinary prefix of most interest to you
  BIO100 World of Science .................................. 3
  BIO101 Principles of Biology* .......................... 4
  BIO115 Ecology* ....................................... 4
  BIO150 The Human Body .................................. 4
  BIO180 Genetics* ....................................... 4
  BIO201 General Biology I* ............................. 4
  BIO202 General Biology II* ........................... 4
  BIO231 Anatomy & Physiology I* .................... 4
  BIO232 Anatomy & Physiology II* .................... 4
  BIO257 Microbiology* .................................. 4
  CHM100 World of Science .................................. 3
  CHM101 Principles of Chemistry* .................. 4
  CHM110 Science & Technology
      of Sustainability* .................................. 4
  CHM138 Principles of Forensics .................... 4
  CHM201 General Chemistry I* ...................... 5
  CHM202 General Chemistry II* ..................... 5
  CHM256 Principles of Biochemistry* ............ 3
  PHY100 World of Science ............................. 3
  PHY101 Principles of Physical Science* ........ 4
  PHY140 Astronomy* ..................................... 4
  PHY150 Geology* ....................................... 4
  PHY251 Physics: Mechanics & Heat* .............. 4
  PHY252 Physics: Electricity & Magnetism* .... 4
  MTH109 College Algebra** ......................... 3
  MTH112 Trigonometry** .................................. 3
  MTH213 Calculus I** .................................. 5
  MTH214 Calculus II** .................................. 5
  STA120 Introduction to Statistics** ............. 3

Elective: Credits
14 Credit Hours Required
Electives may include any 100 or 200 level course. Electives
should be selected in line with the student’s chosen field of
study and the four-year college to which the student plans
to transfer. Note that many four-year institutions require a
foreign language sequence.

Total Required: 60 Credit Hours
Curriculum guide sheets for typical programs are available
from Student Services. Students planning to transfer to
another college should use a guide sheet to help with academic
planning. For additional guidance, students should contact the
college to which they intend to transfer and utilize the service
of the Student Resource Center’s Transfer Coordinator.

Students must attain an overall 2.00 grade point average to
graduate.

## ASSOCIATE OF SCIENCE

### ARTS & SCIENCES DIVISION

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### Humanities:  
12 Credit Hours Required
- One Literature course: ENG223, ENG240, ENG241, ENG250, ENG251, ENG260, ENG261, or ENG271 (required)
- One humanities survey: HUM209 or HUM210 (required)
- No more than 6 hours in the applied arts

### Social/Behavioral Sciences:  
12 Credit Hours Required
- One Behavioral Science Course Required:
  - PSY110 General Psychology 3
  - SSC101 Sociology OR 3
  - SSC102 Sociology Sustainable World 3

### Electives:  
14 Credit Hours Required
Electives may include any 100 or 200 level course. Electives should be selected in line with the student's chosen field of study and the four-year college to which the student plans to transfer. Note that many four-year institutions require a foreign language sequence.

### Total Required:  
60 Credit Hours
Curriculum guide sheets for typical programs are available from Student Services. Students planning to transfer to another college should use a guide sheet to help with academic planning. For additional guidance, students should contact the college to which they intend to transfer and utilize the service of the Student Resource Center's Transfer Coordinator.

Students must attain an overall 2.00 grade point average to graduate.
The value and importance of historic preservation has finally come of age in the United States, where market forces are demanding professionals and paying them competitive wages for knowledge and skills in this area. Northwest State is fortunate to be within driving distance of the University of Eastern Michigan which has the premier, award-winning program in the U.S. for historic preservation. Students entering into Northwest State’s associate degree program will fulfill the first two years of course requirements for the bachelor’s degree at Eastern. The program provides students an entry level preparation that will make them cultural stewards who increase awareness and effectiveness of the preservation movement in the United States.

Career Outlook
Based upon Eastern Michigan University’s placement statistics, the most common placements are by the following categories: State Historic Preservation Offices, museums and historical societies, planning consultants and architectural firms, as well as local, state, and federal government entities. Other groups such as, historic district commissions, downtown development authorities, statewide preservation organizations, as well as archives and libraries have hired graduates with preservation backgrounds. A few graduates have even been hired by the National Trust for Historic Preservation.

Program Learning Outcomes
1. Produce unified, coherent, and well-developed essays following the rules of written academic English and proper source documentation.
2. Interpret the larger thematic, historical or cultural significance of primary works in the humanities.
3. Define and apply key concepts when examining human functioning and problems in society.
4. Demonstrate knowledge of historically significant events and their impact on society.
5. Demonstrate symbolic and graphic manipulation using analytic mathematics skills appropriate to the program.
6. Incorporate the steps of the scientific method, beginning with a question, and concluding by analyzing data and drawing conclusions about a stated hypothesis.
7. Demonstrate competency in utilizing current software applications.
8. Demonstrate practices which lead to the preservation and use of historically significant documents.

Humanities Electives:
- ART103 Beginning Drawing
- ART210 Oil/Acrylics
- HUM209 Hum. & Cultures: Ancient & Medieval Worlds
- HUM210 Hum. & Cultures: Renaissance to Present
- HUM230 Art Appreciation

Social/Behavioral Science Electives:
- PSY220 Social Psychology
- SSC110 General Anthropology
- SSC120 American Government
- SSC210 Cultural Diversity

First Semester
- CIS114 Microsoft Applications           3
- ENG111 Composition I                   3
- GEO110 World Geography                 3
- HIS101 U.S. History Pre-1876           3
- VCT108 Photo Editing                   2
- Total:                                14

Second Semester
- ENG112 Composition II                  3
- HIS102 U.S. History Post-1876          3
- PSY 110 General Psychology             3
- Math/Natural Science Elective          4
- SSC101 Sociology                       3
- or
- SSC102 Sociology-Sustainable World    3
- Total:                                16

Third Semester
- ENG250 American Literature Through the Mid 19th Century 3
- HIS234 History of the Old Northwest Territory 3
- PHI230 World Religions                  3
- Math/Natural Science Elective           4
- Humanities Elective                    3
- Total:                                16

Fourth Semester
- GEO210 Geography U.S. & Canada         3
- STA120 Introduction to Statistics      3
- ENG234 Narrative Literature of the Old Northwest Territory 3
- Humanities Elective                    3
- Social/Behavioral Science Elective     3
- Total:                                15

Total Program Hours 61

Math/Natural Science Electives:
Must take 2 prefixes, one lab course denoted with an asterisk*
- BIO101 Principles of Biology*
- BIO115 Ecology*
- BIO150 The Human Body
- BIO180 Genetics*
- BIO201 General Biology I*
- BIO202 General Biology II*
- BIO231 Anatomy & Physiology I*
- BIO232 Anatomy & Physiology II*
- BIO257 Microbiology*
- CHM101 Principles of Chemistry*
- CHM201 General Chemistry I*
- CHM202 General Chemistry II*
- PHY101 Principles of Physical Science*
- PHY140 Astronomy*
- PHY150 Principles of Geology*
- MTH109 College Algebra
- MTH112 Trigonometry
- MTH213 Calculus I