ARTS & SCIENCES

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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 Growth & Development	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:

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

English Composition: **Credits**

2 Courses Required

ENG111	Composition I ("C" or better required)	3
ENG112	Composition II (Required)	3

Humanities: **Credits**

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*

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**

12 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
HIS234	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 Growth & Development	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**

16 Credit Hours Required.

- At least 2 courses must be lab courses*
- Mathematics proficiency must be demonstrated at the level of MTH 109 College Algebra and MTH112 Trigonometry or MTH213 Calculus I
- 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*	4
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

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.

Historic Preservation
Associate of Arts
Arts and Sciences Division

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

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

Third Semester		Credits
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
		16

Fourth Semester		Credits
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
		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