

# Associate of Science



## Arts & Sciences Division

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[www.northweststate.edu](http://www.northweststate.edu)

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## Associate of Science

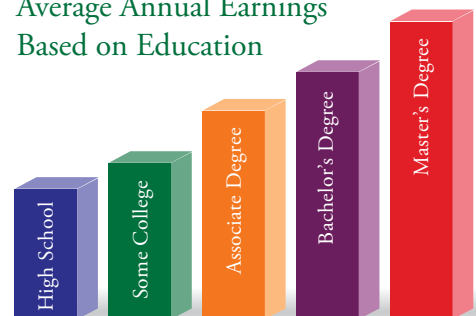
If you are trying to identify a program that will help you increase your knowledge, skills and abilities while enhancing your career options, the Arts & Sciences Division has programs to meet your needs.

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 Science program is 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 Associate of Science degree 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.

## Education Pays

Average Annual Earnings  
Based on Education



2011-2012

Based on data from the Bureau of Labor Statistics

# Associate of Science Degree Requirements

## English Composition:

2 courses required

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

## 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\*

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:

15 credit hours required

- One Behavioral Science: PSY110 (Required)
- One Social Behavioral: SSC101 or SSC102 (Required)

PSY110	General Psychology (required)	3
SSC101	Sociology (required) or	3
SSC102	Sociology Sustainable World	3
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	Substance Abuse	3
HST240	Social Problems	3
HST242	Marriage and the Family	3
PSY210	Abnormal Psychology	3
PSY220	Social Psychology	3

## Credits

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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 Science:

16 credit hours required

- STA220 required
- At least 2 courses must be lab courses \*
- Courses must be from at least 2 prefixes
- Mathematics proficiency must be demonstrated at the level of MTH112 Trigonometry or MTH213 Calculus I
- 100 level science courses are for math majors only.

BIO/CHM	/PHY100 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
CHM101	Principles of Chemistry*	4
CHM201	General Chemistry I*	5
CHM202	General Chemistry II*	4
CHM256	Principles of Biochemistry*	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
STA220	Statistics	3

## Computer Literacy:

3 credit hours required

CIS114	Microsoft Applications	3
CIS119	PowerPoint	1
CIS116	Outlook	1
CIS118	Access	1

## Electives:

11 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 in the Student Services Office, A102. 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.

Course curriculum is subject to change. Please consult with an Academic Advisor for up-to-date information.