

Degree Requirements

Associate in Science and Arts Degree (ASA)

The Associate in Science and Arts degree is generally pursued by students who are planning to transfer to a four-year college or university to complete a baccalaureate

degree. Students who are deciding on a major area and want to explore the curriculum also frequently pursue the ASA degree.

Communications	<p>A Combination of 32-34 credits from Group 1 or Group 2 courses as listed on pages 64-65.</p> <p>Math Competency required.* Reading Competency required.**</p>
ENG 11/111 or ENG 111 English Composition and ENG 112 English Composition 6-8 Credits	
Humanities	
8 credits from at least 2 departments in Group 1 Humanities courses listed on page 64. 8 Credits	
Science/Mathematics	
8 credits from at least 2 departments in Group 1 courses under Science/Math courses listed on pages 64-65. One must be a Science lecture/lab course. 8 Credits	
Social Science	
8 credits from at least 2 departments in Group 1 Social Science courses listed on page 65. 8 Credits	
<p>TOTAL DEGREE CREDITS: MINIMUM OF 64 A list of courses in Groups 1 and 2 begins on page 64.</p>	

Math and Reading Competency

*Math Competency may be fulfilled in one of two ways:

- COMPASS placement into MTH 121 or higher, or
- Completion of MTH 111 or higher.

**Reading Competency may be fulfilled in one of two ways:

- COMPASS placement into ENG 99, ENG 111/11 or ENG 111 or higher, or
- Successful completion of ENG 108 or higher.

Other Requirements

- Complete at least 64 credit hours with a 2.0 or higher cumulative grade point average.
- Complete a minimum of 24 of the 64 credits through NMC classes.
- Be enrolled at NMC the semester of graduation. Petitions for exceptions should be in writing and directed to the Registrar.

Notes

- *A maximum of two physical education credits and two professional development seminar credits may be used toward a degree.*
- *Courses listed below 100 level do not count toward graduation, even though they may be prerequisites for other courses needed to complete degree or certificate requirements. Some courses may require prerequisites which may add to the total number of credits taken. Review course prerequisites carefully.*
- *To count toward graduation, a course must be completed with a grade of 1.0 or higher. See page 45 for Applying for Graduation.*

Associate in Applied Science Degree (AAS)

The Associate in Applied Science degree is generally pursued by those students who plan to enter the workforce following graduation from NMC. A career specialty emphasis chosen from the specific list of programs listed on pages 72-98 is the dominant characteristic of the program. Although some

students pursuing the AAS degree may transfer to a four-year college or university to pursue a baccalaureate degree, many AAS courses are not granted transfer equivalency credit at Michigan universities. Students considering the AAS degree who may wish to transfer should see an advisor.

Communications	<p>Major Area Requirements</p> <p>27 or more semester credits</p> <p>See Specific Programs of Study on pages 72-98.</p> <p>Math Competency required.*</p> <p>Reading Competency required.**</p>
ENG 11/111 or ENG 111 English Composition and either ENG 220, BUS 231, or ENG 112 (Program of Study may specify) 6-8 Credits	
Humanities	
3 credits of Group 1 Humanities courses listed on page 64. (Program of Study may specify) 3 Credits	
Science/Mathematics	
4 credits of a Group 1 Science/Math lecture/lab course listed under on pages 64-65. (Program of Study may specify) 4 Credits	
Social Science	
3 credits of Group 1 Social Science courses listed on page 65. (Program of Study may specify) 3 Credits	

TOTAL DEGREE CREDITS: MINIMUM OF 64
A list of courses in Groups 1 and 2 begins on page 64.

Math and Reading Competency

*Math Competency may be fulfilled in one of two ways:

- Placement into MTH 111 or higher, or
- Successful completion of MTH 23.

**Reading Competency may be fulfilled in one of two ways:

- Placement into ENG 99, ENG 111/11, ENG 111, or
- Successful completion of ENG 108.

Other Requirements

- Complete at least 64 credit hours with a 2.0 or higher cumulative grade point average.
- Complete a minimum of 24 of the 64 credits through NMC classes.
- Be enrolled at NMC the semester of graduation. Petitions for exceptions should be in writing and directed to the Registrar.

Notes

- *A maximum of two physical education credits, and two professional development seminar credits may be used toward a degree.*
- *Courses listed below 100 level do not count toward graduation, even though they may be necessary to prepare for other courses needed to complete degree or certificate requirements. Some courses may require prerequisites which may add to the total number of credits taken. Review course prerequisites carefully.*
- *To count toward graduation, a course must be completed with a grade of 1.0 or higher. See page 45 for Applying for Graduation.*

Associate Degree in Nursing (ADN)

The Associate Degree in Nursing program is generally pursued by those students who plan to enter the nursing workforce following graduation. After successful completion of this program, graduates take the State of Michigan licensure examination. With passing scores, graduates are awarded licensure as a Registered Nurse.

A nursing career specialty emphasis is the dominant characteristic of the program. Some students pursuing the ADN degree may decide to transfer to a four-year college or university to pursue a baccalaureate degree. Students considering the ADN degree who may wish to transfer should see an advisor.

Communications	<p style="text-align: center;">Major Area Requirements</p> <p>43 semester credit hours in HNR courses as listed in the Associate Degree Program requirements on page 94.</p> <p style="text-align: center;">Electives</p> <p>3 or more semester credits hours any 100-level course or higher</p> <p>Math Competency required.* Reading Competency required.**</p>
ENG 11/111 or ENG 111 English Composition and ENG 112 English Composition	
6-8 Credits	
Humanities	
PHL 202 Contemporary Ethical Dilemmas	
3 Credits	
Science/Mathematics	
BIO 227-228 Human Anatomy and Physiology I and II, and BIO 240 Normal and Clinical Nutrition	
12 Credits	
Social Science	
PSY 101 Introduction to Psychology	
3 Credits	

TOTAL DEGREE CREDITS: MINIMUM OF 72

- Admission requirements are on page 29 of this catalog.

Math and Reading Competency

*Math Competency may be fulfilled in one of two ways:

- Placement into MTH 111 or higher, or
- Completion of MTH 23.

**Reading Competency may be fulfilled in one of two ways:

- Placement into ENG 111 or higher, or
- Successful completion of ENG 108.

Other Requirements

- Complete a minimum of 72 credit hours with a cumulative grade point average of 2.0. Complete each nursing course at 2.0 or higher.
- Complete a minimum of 24 degree credits through NMC classes.
- Be enrolled at NMC the semester of graduation. Petitions for exceptions should be in writing and directed to the Registrar.

Notes

- A maximum of two physical education credits, and two professional development seminar credits may be used toward a degree.
- Courses listed below 100 level do not count toward graduation, even though they may be necessary to prepare for other courses needed to complete degree or certificate requirements. Some courses may require prerequisites which may add to the total number of credits taken. Review course prerequisites carefully.
- To count toward graduation, a course must be completed with a grade of 1.0 or higher, a grade of 2.0 or higher is required for courses with the HNR prefix and BIO 227, BIO 228, CHM 101, ENG 111, PSY 101. See page 45 for Applying for Graduation.

GROUP 1**COMMUNICATIONS****ENGLISH DEPT.****Credits**

ENG 111	English Composition	4
ENG 112	English Composition	4

Note: Transfer students with Composition transfer credits totaling less than 5, should choose one of the following ENG literature courses:

ENG 210	Children's Literature	3
ENG 240	Introduction to Literature	3
ENG 241	Mythology	3
ENG 242	Women in Literature	3
ENG 243	Michigan Writers & Literature	3
ENG 250	Classical Literature	3
ENG 254	Shakespeare	3
ENG 256	Wilderness & the American Imagination.....	3
ENG 261	British Literature	3
ENG 262	American Literature	3
ENG 263	World Authors in Translation.....	3
ENG 264	Detective Fiction.....	3
ENG 265	Science Fiction and Fantasy	3
ENG 266	Popular Culture	3
ENG 267	Film as Literature.....	3
ENG 271	Adolescence and Cultural Diversity.....	3

For Communications: Excess literature credits may be applied to Group 1 Humanities requirements or Group 2 requirements.

HUMANITIES**HISTORY DEPT.**

HST 101	Western Civilization to 1500 AD.....	4
HST 102	Western Civilization from 1500.....	4
HST 111	United States History to 1865.....	4
HST 112	United States History Since 1865.....	4
HST 211	Native American History	3
HST 212	African-American History	3
HST 213	American Women's History.....	3
HST 225	American Civil War	3
HST 228	The Vietnam War.....	3
HST 230	A History of Michigan.....	3
HST 235	20th Century Europe.....	3
HST 245	The Far East in the 20th Century.....	3

LITERATURE (INTER. LEVEL) DEPT.**Credits**

ENG 210	Children's Literature	3
ENG 240	Introduction to Literature	3
ENG 241	Mythology	3
ENG 242	Women in Literature	3
ENG 243	Michigan Writers & Literature	3
ENG 250	Classical Literature	3
ENG 254	Shakespeare	3
ENG 256	Wilderness & the American Imagination.....	3
ENG 261	British Literature	3
ENG 262	American Literature	3
ENG 263	World Authors in Translation.....	3
ENG 264	Detective Fiction.....	3
ENG 265	Science Fiction and Fantasy	3
ENG 266	Popular Culture	3
ENG 267	Film as Literature.....	3
ENG 271	Adolescence and Cultural Diversity.....	3

LANGUAGE (INTER. LEVEL) DEPT.

MLF 201	Intermediate French I*	4
MLF 202	Intermediate French II*	4
MLG 211	Intermediate German I*	4
MLG 212	Intermediate German II*	4
MLS 221	Intermediate Spanish I*	4
MLS 222	Intermediate Spanish II*	4

***Not all four-year schools will accept second year Foreign Language courses as Humanities Distribution credits.**

HUMANITIES DEPT.

HUM 101	Introduction to Humanities	3
HUM 102	Introduction to Humanities	3
HUM 111	American Experience.....	4
HUM 112	American Experience.....	4

ART DEPT.

ART 100	Art Appreciation	3
ART 111	History of Western Art I	4
ART 112	History of Western Art II	4
ART 213	Modern Art History	3
ART 214	Women in Art	3

MUSIC DEPT.

MUS 110	Music Appreciation Standard Literature	3
MUS 111	Music Appreciation Jazz.....	3
MUS 201	Theory of Music	3
MUS 202	Theory of Music	3
MUS 229	Music History and Literature	3
MUS 230	Music History and Literature	3

PHILOSOPHY/RELIGION DEPT.

PHL 101	Introduction to Philosophy	3
PHL 105	Critical Thinking.....	3
PHL 121	Western Religions.....	4
PHL 122	Eastern Religions.....	4
PHL 181	Old Testament.....	4
PHL 182	New Testament	4
PHL 201	Ethics	3
PHL 202	Contemporary Ethical Dilemmas	3
PHL 222	The World of Jesus	4
PHL 223	Jesus and Early Christianity.....	4

Excess credits in each Division may be applied toward meeting Group 2 requirements.

SCIENCE/MATH**ASTRONOMY DEPT.**

AST 109	Planetary Astronomy	4
AST 119	Astronomy	4

BIOLOGY DEPT.

BIO 105	Living in the Environment.....	4
BIO 106	Human Biology	4
BIO 107	Field Biology	4
BIO 108	Plant Biology	4
BIO 109	Principles of Life Science.....	4
BIO 115	Cell, Plant and Ecosystem Biology	4
BIO 116	Cell and Animal Biology	4
BIO 208	Microbiology	4
BIO 215	Genetics (no lab)	3
BIO 216	Genetics Lab	1
BIO 227	Human Anatomy and Physiology I	5
BIO 228	Human Anatomy and Physiology II	5
BIO 250	Natural History of Vertebrates.....	4
BIO 260	General Ecology	5
BIO 268	Biochemistry (no lab)	3
BIO 270A	Ecological Field Studies (lab only)	2
BIO 270B	Campus Botany (lab only).....	2

CHEMISTRY DEPT.

CHM 101	Introductory Chemistry	4
CHM 150-150R	General Chemistry I	5
CHM 151-151R	General Chemistry II.....	5
CHM 250	Organic Chemistry I	5
CHM 251	Organic Chemistry II	5

ENVIRONMENTAL SCIENCE DEPT.

ENV 103	Earth Science	4
ENV 104	Life of the Past	4
ENV 111	Physical Geology	4
ENV 112	Historical Geology	4
ENV 117	Meteorology and Climatology	4
ENV 231	Environmental Science.....	4
ENV 270A	Michigan Basin Geology (lab only)	2
ENV 270B	Field Mapping Techniques (lab only).....	2

MATHEMATICS DEPT.

MTH 116	Intro to Computer Science	4
MTH 121	College Algebra.....	4
MTH 122	Trigonometry.....	3
MTH 131	Intro to Probability and Statistics	3
MTH 140	College Algebra and Trigonometry.....	5
MTH 141	Calculus I	5
MTH 142	Calculus II	5
MTH 241	Calculus III	4
MTH 251	Differential Equations	4

PHYSICS DEPT.

PHY 105	Physics of the World Around Us.....	4
PHY 121	General Physics I	4
PHY 122	General Physics II	4
PHY 221-221R	Prob & Prin of Physics I	5
PHY 222-222R	Prob & Prin of Physics II.....	5

Excess credits in each Academic Area may be applied toward meeting Group 2 requirements.

SOCIAL SCIENCE**ECONOMICS DEPT.**

ECO 121	Basic Economics	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3

GEOGRAPHY DEPT.

GEO 101	Introduction to Geography	3
GEO 105-105L	Physical Geography with Lab	4
GEO 108	Geography of U.S. and Canada.....	3
GEO 109	World Regional Geography	3
GEO 110	Economic Geography	3

POLITICAL SCIENCE DEPT.

PLS 101	Survey of American Government	3
PLS 132	Comparative Government	3
PLS 211	International Relations	3

PSYCHOLOGY DEPT.

PSY 101	Introduction to Psychology	3
PSY 211	Developmental Psychology	3
PSY 212	Psychology/Exceptional Child	3
PSY 221	Psychology of Personality	3
PSY 223	Intro to Social Psychology	3
PSY 225	Human Sexuality	3
PSY 231	Psychology of Adjustment	3
PSY 250	Abnormal Psychology	3

SOCIOLOGY DEPT.

SOC 101	Introduction to Sociology	3
SOC 112	Introduction to Physical Anthropology	3
SOC 113	Introduction to Cultural Anthropology	3
SOC 201	Modern Social Problems	3
SOC 211	Marriage and the Family	3
SOC 220	Gender and Society	3
SOC 231	Deviance and Criminal Behavior	3

Excess credits in each Division may be applied toward meeting Group 2 requirements.

GROUP 2

All 100-level or higher courses not listed in the Group 1 section, are Group 2 courses.

Note: Any 290 (Academic Service Learning Internship), 291 (Special Topics) and 297 (Independent Study) courses count as Group 2.

** A maximum of four credits of Academic Service Learning Internships may count toward a degree.*

**A maximum of two physical education credits and two professional development seminar credits may be used toward a degree.*