Transfer from
NORTH COUNTRY COMMUNITY COLLEGE
to
SUNY POTSDAM

ARTICULATION AGREEMENT
and

ACADEMIC MAJOR ADVISING GUIDE
This advising guide is intended to assist faculty and students with introductory major course selection at North Country Community College. Although not specifically required as prerequisites for admission to SUNY Potsdam, it is recommended that North Country students complete the courses indicated for their intended major prior to transferring. This will insure that introductory major course work required for enrollment in upper-division (300/400 level) courses has been completed and that students have the opportunity to complete the B.A. or B.S. degree in two years of additional full-time study at Potsdam. Additional major courses, beyond those specifically recommended, may also be completed at North Country prior to transferring.

Students transferring to Potsdam to complete a major that has no introductory course work available at North Country will need additional time to complete their degree after transferring.

Non-major courses with grades of “D” or higher are acceptable for transfer. Grades of “C” or higher must be earned in each course to be applied toward the major or toward major cognate requirements (this policy is identical for courses taken at Potsdam).

Students transferring directly to Potsdam with a North Country A.A. or A.S. degree, having completed 30 hours of general education including 7 out of 10 SUNY General Education requirements will be exempt from any additional Potsdam General Education Foundations and Modes of Inquiry requirements not already satisfied.

This document was developed in order to provide a seamless two-plus-two transfer opportunity that reduces unnecessary repetition of general education and curricular content. It follows SUNY Transfer Paths and complies with SUNY General Education requirements thereby enabling students to complete their intended program of study on time, without unnecessary cost and/or duplication of effort.

Specific academic advising is available from:

Transfer Admissions
Raymond Hall
SUNY Potsdam
Potsdam, NY 13676
Phone: 315-267-2129
Email: transfer@potsdam.edu
<table>
<thead>
<tr>
<th>POTSDAM MAJOR</th>
<th>PAGE</th>
<th>POTSDAM MAJOR</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
<td>1</td>
<td>English: Middle/Secondary Education</td>
<td>15</td>
</tr>
<tr>
<td>Archaeological Studies</td>
<td>1</td>
<td>Environmental Studies</td>
<td>7</td>
</tr>
<tr>
<td>Art Education</td>
<td>1</td>
<td>Exercise Science – Exercise and Sports</td>
<td>7</td>
</tr>
<tr>
<td>Art History</td>
<td>2</td>
<td>Performance track</td>
<td></td>
</tr>
<tr>
<td>Art Studio</td>
<td>2</td>
<td>Exercise Science – Pre-Professional track</td>
<td>7-8</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>2</td>
<td>French: Middle/Secondary Education</td>
<td>15</td>
</tr>
<tr>
<td>Biology (B.A.)</td>
<td>2</td>
<td>Geology (B.A.)</td>
<td>8</td>
</tr>
<tr>
<td>Biology (B.S.)</td>
<td>3</td>
<td>Geology (B.S.)</td>
<td>8</td>
</tr>
<tr>
<td>Biology: Secondary Education</td>
<td>14</td>
<td>Geology/Earth Science: Secondary Education</td>
<td>14-15</td>
</tr>
<tr>
<td>Business Administration</td>
<td>3</td>
<td>Graphic Design and New Media (B.A.)</td>
<td>8-9</td>
</tr>
<tr>
<td>Business Economics</td>
<td>3</td>
<td>Graphic Design and New Media (B.F.A.)</td>
<td>9</td>
</tr>
<tr>
<td>Chemistry (B.A.)</td>
<td>3-4</td>
<td>History</td>
<td>9</td>
</tr>
<tr>
<td>Chemistry (B.S.)</td>
<td>4</td>
<td>International Studies</td>
<td>9</td>
</tr>
<tr>
<td>Chemistry: Secondary Education</td>
<td>14</td>
<td>Mathematics</td>
<td>9</td>
</tr>
<tr>
<td>Childhood/Early Childhood Education</td>
<td>12-13</td>
<td>Mathematics: Middle/Secondary Education</td>
<td>15</td>
</tr>
<tr>
<td>Communication (Speech)</td>
<td>4</td>
<td>Music</td>
<td>10</td>
</tr>
<tr>
<td>Community Health</td>
<td>4</td>
<td>Philosophy</td>
<td>10</td>
</tr>
<tr>
<td>Computer Science (B.A. Computer Science)</td>
<td>4-5</td>
<td>Physics: Secondary Education</td>
<td>15-16</td>
</tr>
<tr>
<td>Computer Science (B.A. Info Systems)</td>
<td>5</td>
<td>Political Science</td>
<td>10</td>
</tr>
<tr>
<td>Computer Science (B.S.)</td>
<td>5</td>
<td>Psychology</td>
<td>10</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>5</td>
<td>Social Studies: Middle/Secondary Education</td>
<td>16</td>
</tr>
<tr>
<td>Dance</td>
<td>5</td>
<td>Sociology</td>
<td>10</td>
</tr>
<tr>
<td>Earth Science: Secondary Education</td>
<td>14-15</td>
<td>Spanish</td>
<td>11</td>
</tr>
<tr>
<td>Economics</td>
<td>6</td>
<td>Spanish: Middle/Secondary Education</td>
<td>16</td>
</tr>
<tr>
<td>English: Creative Writing (B.A.)</td>
<td>6</td>
<td>Theatre</td>
<td>11</td>
</tr>
<tr>
<td>English: Creative Writing (B.F.A.)</td>
<td>6</td>
<td>Theatre Education</td>
<td>11</td>
</tr>
<tr>
<td>English: Literature</td>
<td>6</td>
<td>Visual Arts (B.F.A.)</td>
<td>11</td>
</tr>
<tr>
<td>English: Literature/ Writing</td>
<td>6</td>
<td>Women’s and Gender Studies</td>
<td>11</td>
</tr>
<tr>
<td>English: Writing</td>
<td>7</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ANTHROPOLOGY
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ANT 101 Introduction to Human Origins
ANT 102 Cultural Anthropology
ANT 135 Archaeology
MAT 121 Elementary Statistics (recommended, not required)
FRE 202 Intermediate French II -or- SPA 202 Intermediate Spanish II (recommended, not required)

ARCHAEOLOGICAL STUDIES
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ANT 135 Archaeology
ART 106 Art History Survey: Prehistoric to Gothic
ART 107 Art History Survey: Renaissance to Postmodern
EAS 100 The Physical Earth
EAS 101 Principles of Geology
MAT 121 Elementary Statistics (recommended, not required)

ART EDUCATION (ART STUDIO MAJOR with K-12 certification)
Recommended North Country degree: A.S. Fine Arts: Studio or A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ART 106 Art History Survey: Prehistoric to Gothic
ART 107 Art History Survey: Renaissance to Postmodern
ART 101 Drawing I
ART 104 3D Design
ART 111 2D Design
ART 206 Drawing II
EDU 201 Foundations of Education
PSY 253 Child Psychology
**ART HISTORY**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ART 106 Art History Survey: Prehistoric to Gothic
ART 107 Art History Survey: Renaissance to Postmodern
ART 101 Drawing I  -or-  ART 111 2D Design

**ART STUDIO**
Recommended North Country degree: A.S. Fine Arts: Studio  or  A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ART 106 Art History Survey: Prehistoric to Gothic
ART 107 Art History Survey: Renaissance to Postmodern
ART 101 Drawing I
ART 104 3D Design
ART 111 2D Design
ART 206 Drawing II

**BIOCHEMISTRY**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
BIO 101 Principles of Biology I
BIO 102 Principles of Biology II
CHE 101 General Chemistry I
CHE 102 General Chemistry II
MAT 240 Calculus I
MAT 241 Calculus II
PHY 101 Principles of Physics I (a calculus-based physics course is preferred)
PHY 102 Principles of Physics II (a calculus-based physics course is preferred)

**BIOLOGY (BA degree)**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
BIO 101 Principles of Biology I
BIO 102 Principles of Biology II
CHE 101 General Chemistry I
CHE 102 General Chemistry II
**BIOLOGY (BS degree)**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
BIO 101 Principles of Biology I
BIO 102 Principles of Biology II
CHE 101 General Chemistry I
CHE 102 General Chemistry II
MAT 240 Calculus I
MAT 121 Elementary Statistics -or- MAT 241 Calculus II
PHY 101 Principles of Physics I (a calculus-based physics course is preferred
PHY 102 Principles of Physics II (a calculus-based physics course is preferred

**BUSINESS ADMINISTRATION**
Recommended North Country degree: A.S. Business Administration including the following courses:
BUS 101 Accounting I
BUS 102 Accounting II
BUS 203 Business Law I
BUS 211 Human Resource Management (recommended, not required)
BUS 212 Marketing Principles
BUS 217 Principles of Management
ECO 101 Introduction to Macroeconomics
ECO 102 Introduction to Microeconomics
MAT 121 Elementary Statistics

**BUSINESS ECONOMICS**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
BUS 101 Accounting I (recommended, not required)
BUS 102 Accounting II (recommended, not required)
ECO 101 Introduction to Macroeconomics
ECO 102 Introduction to Microeconomics
MAT 121 Elementary Statistics

**CHEMISTRY (BA degree)**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
CHE 101 General Chemistry I
CHE 102 General Chemistry II
MAT 240 Calculus I
MAT 241 Calculus II
PHY 101 Principles of Physics I (a calculus-based physics course is preferred)
PHY 102 Principles of Physics II (a calculus-based physics course is preferred)

**CHEMISTRY (BS degree)**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
CHE 101 General Chemistry I
CHE 102 General Chemistry II
MAT 240 Calculus I
MAT 241 Calculus II
PHY 101 Principles of Physics I (a calculus-based physics course is preferred)
PHY 102 Principles of Physics II (a calculus-based physics course is preferred)

**COMMUNICATION (SPEECH)**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ENG 102 English Composition II
ENG 105 Speech Fundamentals
ENG 112 Literature Appreciation

**COMMUNITY HEALTH**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
BIO 109 Human Biology
BIO 215 Anatomy and Physiology I (recommended, not required)
HED 101 Concepts of Wellness and Physical Fitness (recommended, not required)
HED 102 Introduction to Nutrition
MAT 121 Elementary Statistics

**COMPUTER SCIENCE (BA degree – Computer Science track)**
Computer science major courses are not available at North Country. Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
CIS 235 Problem Solving with Computers (recommended, not required)
MAT 121 Statistics
MAT 240 Calculus I
MAT 241 Calculus II

**COMPUTER SCIENCE (BA degree – Information Systems track)**
Computer science major courses are not available at North Country. Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
CIS 235 Problem Solving with Computers (recommended, not required)
MAT 121 Statistics
MAT 240 Calculus I
Business Administration minor (18 credits to be started at NCCC with Potsdam advisement)

**COMPUTER SCIENCE (BS degree)**
Computer science major courses are not available at North Country. Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
CIS 235 Problem Solving with Computers (recommended, not required)
MAT 121 Statistics
MAT 240 Calculus I
MAT 241 Calculus II
Choose one science (two course sequence) from the following:
   - BIO 101 and 102 Principles of Biology I and II
   - CHE 101 and 102 General Chemistry I and II
   - PHY 101 and 102 Principles of Physics I and II

**CRIMINAL JUSTICE**
Recommended North Country degree: A.A.S. Criminal Justice or A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
CRJ 101 Introduction to Criminal Justice
MAT 121 Elementary Statistics
PHI 100 Philosophical Issues -or- PHI 115 Ethics (recommended pre-requisite course)
POS 102 American Government and Politics (recommended pre-requisite course)
SOC 101 Introductory Sociology (recommended pre-requisite course)

**DANCE**
Dance major courses are not available at North Country.
**ECONOMICS**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ECO 101 Introduction to Macroeconomics
ECO 102 Introduction to Microeconomics
MAT 121 Elementary Statistics
MAT 132 Precalculus -or- MAT 240 Calculus I

**ENGLISH: CREATIVE WRITING (BA degree)**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ENG 102 English Composition II
ENG 108 Introduction to Creative Writing
ENG 115 Modern World Literature

**ENGLISH: CREATIVE WRITING (BFA degree)** (portfolio required for admission consideration)
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ENG 102 English Composition II
ENG 108 Introduction to Creative Writing
ENG 115 Modern World Literature

**ENGLISH: LITERATURE**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ENG 102 English Composition II
ENG 112 Literature Appreciation (recommended, not required)
ENG 115 Modern World Literature

**ENGLISH: LITERATURE/Writing**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ENG 102 English Composition II
ENG 108 Introduction to Creative Writing
ENG 112 Literature Appreciation
ENG 115 Modern World Literature
ENGLISH: WRITING
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ENG 102 English Composition II
ENG 108 Introduction to Creative Writing (recommended, not required)
ENG 112 Literature Appreciation (recommended, not required)

ENVIRONMENTAL STUDIES
Recommended North Country degree: A.S. Environmental Science -or- A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
EAS 101 Principles of Geology
ENG 102 English Composition II
ENV 104/108 Environmental Science with lab
ENV 125 Ecology -or- BIO 125 Ecology
ENV 210 The Environment and Society

EXERCISE SCIENCE (Exercise and Sports Performance track)
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science -or- A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
BIO 101 Principles of Biology I
BIO 102 Principles of Biology II
BIO 215 Anatomy and Physiology I
BIO 216 Anatomy and Physiology II
HED 101 Concepts of Wellness and Physical Fitness (recommended, not required)
HED 102 Introduction to Nutrition
MAT 121 Elementary Statistics

EXERCISE SCIENCE (Pre-Professional track)
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
BIO 101 Principles of Biology I
BIO 101 Principles of Biology II
BIO 215 Anatomy and Physiology I
BIO 216 Anatomy and Physiology II
CHE 101 General Chemistry I
CHE 102 General Chemistry II
HED 101 Concepts of Wellness and Physical Fitness (recommended, not required)
HED 102 Introduction to Nutrition
MAT 121 Elementary Statistics
PHY 101 Principles of Physics I (recommended elective for Physical Therapy prep)
PHY 102 Principles of Physics II (recommended elective for Physical Therapy prep)

**FRENCH**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following course:
FRE 202 Intermediate French II

**GEOLOGY (BA degree)**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
CHE 101 General Chemistry I
CHE 102 General Chemistry II
EAS 100 The Physical Earth
EAS 101 Principles of Geology
MAT 240 Calculus I

**GEOLOGY (BS degree)**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
CHE 101 General Chemistry I
CHE 102 General Chemistry II
EAS 100 The Physical Earth
EAS 101 Principles of Geology
MAT 240 Calculus I
MAT 241 Calculus II -or- MAT 121 Elementary Statistics
PHY 101 Principles of Physics I (a calculus-based physics course is preferred)
PHY 102 Principles of Physics II (a calculus-based physics course is preferred)

**GRAPHIC DESIGN and NEW MEDIA (BA degree)** Recommended North Country degree: A.S.
Fine Arts: Studio or A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ART 106 Art History Survey: Prehistoric to Gothic
ART 107 Art History Survey: Renaissance to Postmodern
ART 101 Drawing I
ART 104 3D Design
ART 105 Introduction to Computer Graphics (recommended, not required)
ART 111 2D Design
ART 206 Drawing II

**GRAPHIC DESIGN and MEDIA ARTS (BFA degree)** (portfolio required for admission consideration) Recommended North Country degree: A.S. Fine Arts: Studio or A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ART 106 Art History Survey: Prehistoric to Gothic
ART 107 Art History Survey: Renaissance to Postmodern
ART 101 Drawing I
ART 104 3D Design
ART 105 Introduction to Computer Graphics (recommended, not required)
ART 111 2D Design
ART 206 Drawing II

**HISTORY**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
HIS 151 United States I -or- HIS 152 United States II
HIS 104 World History II

**INTERNATIONAL STUDIES**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ECO 101 Introduction to Macroeconomics (recommended pre-requisite course)
ECO 102 Introduction to Microeconomics (recommended pre-requisite course)
POS 120 Introduction to International Politics
ECO, HIS, POS – choose additional major electives under advisement
An intermediate level mastery of a modern language (non-English) must be demonstrated by completing FRE 202, SPA 202 or intermediate II level of another modern language at NCCC or a Potsdam 203 level or higher language course.

**MATHEMATICS**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
MAT 240 Calculus I
MAT 241 Calculus II
MUSIC, MUSIC EDUCATION, MUSIC PERFORMANCE, MUSICAL STUDIES, BUSINESS of MUSIC

Music major courses are not available at North Country. An audition is required for admission consideration.

PHILOSOPHY
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
PHI 100 Philosophical Issues (recommended, not required)
PHI 115 Ethics

PHYSICS
Physics major courses are not available at North Country. Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
CHE 101 General Chemistry I
CHE 102 General Chemistry II
MAT 240 Calculus I
MAT 241 Calculus II

POLITICAL SCIENCE
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
POS 102 American Government and Politics
POS 120 Introduction to International Politics
MAT 121 Elementary Statistics (recommended, not required)

PSYCHOLOGY
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
PSY 101 Introductory Psychology
MAT 121 Elementary Statistics
PSY – choose additional major electives under advisement

SOCIOLOGY
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
SOC 101 Introductory Sociology
SOC – choose additional major electives under advisement
MAT 121 Elementary Statistics
**SPANISH**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following course:
SPA 202 Intermediate Spanish II

**THEATRE**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
DRA 101 Introduction to Theatre (recommended, not required)
DRA 133 Acting I
DRA 233 Acting II (recommended, not required)

**THEATRE EDUCATION (K-12 certification)**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
DRA 101 Introduction to Theatre (recommended, not required)
DRA 133 Acting I
DRA 233 Acting II (recommended, not required)
EDU 201 Introduction to Education
PSY 253 Child Psychology

**VISUAL ARTS (BFA degree)** (portfolio required for admission consideration)
Recommended North Country degree: A.S. Fine Arts: Studio or A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ART 106 Art History Survey: Prehistoric to Gothic
ART 107 Art History Survey: Renaissance to Postmodern
ART 101 Drawing I
ART 104 3D Design
ART 111 2D Design
ART 206 Drawing II

**WOMEN'S and GENDER STUDIES**
Women’s and Gender Studies major courses are not available at North Country.
EDUCATION CERTIFICATION MAJORS

(Note: a minimum grade point average of 3.0 is required for admission to teacher education majors)

CHILDHOOD/EARLY CHILDHOOD EDUCATION (BIRTH – GRADE 6)
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:

EDU 201 Foundations of Education
ART 106 Art History Survey: Prehistoric to Gothic - or - ART 107 Art History Survey: Renaissance to Postmodern - or - DRA 101 Introduction to Theater - or - MUS 100 Music Appreciation
ART 101 Drawing I - or - ART 111 2D Design I - or - DRA 133 Acting I
- or - MUS 103 Music Theory and Composition I
ENG 101 English Composition I
ENG 112 Literature Appreciation
ENG 105 Speech Fundamentals
BIO 103/112 Introduction to Biological Sciences/Lab - or - BIO 101 Principles of Biology I - or - BIO 102 Principles of Biology II
CHE 101 General Chemistry I - or - PHY 100 Concepts of Physics - or - SCI 105 Survey of Physical Science
EAS 100 The Physical Earth - or - EAS 101 Principles of Geology
GEO 101 Introductory Geography
HIS 151 United States History I
HIS 152 United States History II
HIS 104 World History II
MAT 121 Elementary Statistics
PSY 253 Child Psychology

Modern Language: Four years of the same foreign language at the high school level satisfy the modern language requirement at Potsdam. Students who have not completed four years in high school should place into NCCC’s language sequence at the appropriate level and complete FRE or SPA 201 prior to transferring.

SPECIALIZATION AREAS for Childhood/Early Childhood Education Majors: Students must choose one specialization area from the following: Biology, Chemistry, English, Geology, Mathematics, Physics or Social Science/History.

Biology Specialization:
BIO 101 Principles of Biology I (recommended, not required)
BIO 102 Principles of Biology II

Chemistry Specialization:
CHE 101 General Chemistry I
CHE 102 General Chemistry II

*English Specialization:*
ENG 102 English Composition II  *-or-*  ENG 108 Introduction to Creative Writing
ENG 115 Modern World Literature

*Geology Specialization:*
EAS 101 Principles of Geology (recommended, not required)
EAS 110 Astronomy  *-or-*  EAS 115 Meteorology

*Mathematics Specialization:*
MAT 240 Calculus I
MAT 241 Calculus II

*Physics Specialization:*
PHY 101 Principles of Physics I
PHY 102 Principles of Physics II
EAS 110 Astronomy  *-or-*  EAS 115 Meteorology

*Social Science/History Specialization:*
POS 102 American Government and Politics

**Please note:** a minimum grade of “C” is required for certification courses that are not designated as education specific courses, a “C+” or higher is required for all education (EDU/EDLS/EDUC) major courses.

Updated 12/06/2016
**ADOLESCENCE/SECONDARY EDUCATION CERTIFICATION MAJORS**

(Note: a minimum grade point average of 3.0 is required for admission to teacher education majors)

**ADOLESCENCE EDUCATION (GRADES 7-12): BIOLOGY**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
- BIO 101 Principles of Biology I
- BIO 102 Principles of Biology II
- CHE 101 General Chemistry I
- CHE 102 General Chemistry II
- EAS 100 The Physical Earth  
  -or- EAS 101 Principles of Geology
- PHY 100 Concepts of Physics  
  -or- PHY 101 Principles of Physics I
- PSY 101 Introductory Psychology  
  -or- PSY 253 Child Psychology
- FRE 201 Intermediate French I  
  -or- SPA 201 Intermediate Spanish I  
  -or- four years of the same Foreign language completed in high school

**ADOLESCENCE EDUCATION (GRADES 7-12): CHEMISTRY**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
- CHE 101 General Chemistry I
- CHE 102 General Chemistry II
- BIO 101 Principles of Biology I  
  -or- BIO 102 Principles of Biology II  
  -or- BIO 109 Human Biology
- EAS 100 The Physical Earth  
  -or- EAS 101 Principles of Geology
- MAT 240 Calculus I
- MAT 241 Calculus II
- PHY 101 Principles of Physics I (a calculus-based physics course is preferred)
- PHY 102 Principles of Physics II (a calculus-based physics course is preferred)
- PSY 101 Introductory Psychology  
  -or- PSY 253 Child Psychology
- FRE 201 Intermediate French I  
  -or- SPA 201 Intermediate Spanish I  
  -or- four years of the same Foreign language completed in high school

**ADOLESCENCE EDUCATION (GRADES 7-12): EARTH SCIENCE**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
- CHE 101 General Chemistry I
- CHE 102 General Chemistry II
- EAS 100 The Physical Earth
- EAS 101 Principles of Geology
EAS 110 Astronomy
EAS 115 Meteorology
PSY 101 Introductory Psychology  -or-  PSY 253 Child Psychology
FRE 201 Intermediate French I  -or-  SPA 201 Intermediate Spanish I  -or-  four years of the same
Foreign language completed in high school

**ADOLESCENCE EDUCATION (GRADES 5-12): ENGLISH**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
ENG 102 English Composition II
ENG 108 Introduction to Creative Writing
ENG 112 Literature Appreciation
ENG 115 Modern World Literature
PSY 101 Introductory Psychology (recommended prerequisite course)
FRE 201 Intermediate French I  -or-  SPA 201 Intermediate Spanish I  -or-  four years of the same
Foreign language completed in high school

**ADOLESCENCE EDUCATION (GRADES 5-12): FRENCH**
Recommended North Country degree: A.A. Liberal Arts and Science – Humanities and Social Science including the following courses:
FRE 202 Intermediate French
ART 106 Art History Survey: Prehistoric to Gothic  -or-  ART 107 Art History Survey: Renaissance to Postmodern
ENG 105 Speech Fundamentals
PSY 101 Introductory Psychology (recommended prerequisite course)

**ADOLESCENCE EDUCATION (GRADES 7-12): MATHEMATICS**
Recommended North Country degree: A.S. Liberal Arts and Science – Math and Science including the following courses:
MAT 121 Elementary Statistics
MAT 240 Calculus I
MAT 241 Calculus II
PSY 101 Introductory Psychology (recommended prerequisite course)
FRE 201 Intermediate French I  -or-  SPA 201 Intermediate Spanish I  -or-  four years of the same
Foreign language completed in high school

**ADOLESCENCE EDUCATION (GRADES 7-12): PHYSICS**
Physics major courses are not available at North Country. Recommended North Country
degree:  A.S. Liberal Arts and Science – Math and Science including the following courses:
CHE 101 General Chemistry I
CHE 102 General Chemistry II
BIO 101 Principles of Biology I  -or-  BIO 102 Principles of Biology II  -or-  BIO 109 Human Biology
EAS 100 The Physical Earth  -or-  EAS 101 Principles of Geology
MAT 240 Calculus I
MAT 241 Calculus II
PSY 101 Introductory Psychology  -or-  PSY 253 Child Psychology
FRE 201 Intermediate French I  -or-  SPA 201 Intermediate Spanish I  -or-  four years of the same
Foreign language completed in high school

ADOLESCENCE EDUCATION (GRADES 5-12):  SOCIAL STUDIES
Recommended North Country degree:  A.A. Liberal Arts and Science – Humanities and Social
Science including the following courses:
ANT 102 Cultural Anthropology
ECO 101 Introduction to Macroeconomics  -or-  ECO 102 Introduction to Microeconomics
ENG 105 Speech Fundamentals
GEO 101 Introductory Geography
HIS 104 World History II
HIS 151 United States I
HIS 152 United States II
POS 102 American Government and Politics
PSY 101 Introductory Psychology
PSY 202 Developmental Psychology
SOC 101 Introductory Sociology
FRE 201 Intermediate French I  -or-  SPA 201 Intermediate Spanish I  -or-  four years of the same
Foreign language completed in high school

ADOLESCENCE EDUCATION (GRADES 5-12):  SPANISH
Recommended North Country degree:  A.A. Liberal Arts and Science – Humanities and Social
Science including the following courses:
SPA 202 Intermediate Spanish II
ART 106 Art History Survey: Prehistoric to Gothic  -or-  ART 107 Art History Survey: Renaissance
to Postmodern
ENG 105 Speech Fundamentals
PSY 202 Developmental Psychology

Updated  12/06/2016