Transfer from
ONONDAGA COMMUNITY COLLEGE
to
SUNY POTSDAM

ACADEMIC MAJOR ADVISING GUIDE
This advising guide is intended to assist faculty and students with introductory major course selection at Onondaga Community College. Although not specifically required as prerequisites for admission to SUNY Potsdam, it is recommended that Onondaga students complete the courses indicated for their intended major prior to transferring. This will ensure 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 Onondaga prior to transferring.

Students transferring to Potsdam to complete a major that has no (or limited) introductory course work available at OCC 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 an Onondaga 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. The 7 out of 10 General Education requirements must include Basic Communication and Mathematics.

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:

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<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: Literature/Writing</td>
<td>8-9</td>
</tr>
<tr>
<td>Archaeological Studies</td>
<td>1</td>
<td>English: Writing</td>
<td>9</td>
</tr>
<tr>
<td>Art Education</td>
<td>1-2</td>
<td>English: Middle/Secondary Education</td>
<td>17-18</td>
</tr>
<tr>
<td>Art History</td>
<td>2</td>
<td>Environmental Studies</td>
<td>9</td>
</tr>
<tr>
<td>Art Studio</td>
<td>2</td>
<td>French</td>
<td>9</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>2-3</td>
<td>French: Middle/Secondary Education</td>
<td>18</td>
</tr>
<tr>
<td>Biology (B.A.)</td>
<td>3</td>
<td>Geology (B.A.)</td>
<td>9</td>
</tr>
<tr>
<td>Biology (B.S.)</td>
<td>3</td>
<td>Geology (B.S.)</td>
<td>10</td>
</tr>
<tr>
<td>Biology: Secondary Education</td>
<td>16</td>
<td>Geology/Earth Science: Secondary Education</td>
<td>17</td>
</tr>
<tr>
<td>Business Administration</td>
<td>4</td>
<td>History</td>
<td>10</td>
</tr>
<tr>
<td>Business Economics</td>
<td>4</td>
<td>Mathematics</td>
<td>10</td>
</tr>
<tr>
<td>Chemistry (B.A.)</td>
<td>4-5</td>
<td>Mathematics: Middle/Secondary Education</td>
<td>18</td>
</tr>
<tr>
<td>Chemistry (B.S.)</td>
<td>5</td>
<td>Music</td>
<td>10-11</td>
</tr>
<tr>
<td>Chemistry: Secondary Education</td>
<td>16</td>
<td>Philosophy</td>
<td>11</td>
</tr>
<tr>
<td>Childhood/Early Childhood Education</td>
<td>14-15</td>
<td>Physics</td>
<td>11</td>
</tr>
<tr>
<td>Communication (Speech)</td>
<td>5</td>
<td>Physics: Secondary Education</td>
<td>18-19</td>
</tr>
<tr>
<td>Community Health</td>
<td>5</td>
<td>Political Science</td>
<td>11-12</td>
</tr>
<tr>
<td>Computer Science (B.A. Computer Science)</td>
<td>6</td>
<td>Psychology</td>
<td>12</td>
</tr>
<tr>
<td>Computer Science (B.A. Info Systems)</td>
<td>6</td>
<td>Social Studies: Middle/Secondary Education</td>
<td>19</td>
</tr>
<tr>
<td>Computer Science (B.S.)</td>
<td>6-7</td>
<td>Sociology</td>
<td>12</td>
</tr>
<tr>
<td>Criminal Justice</td>
<td>7</td>
<td>Spanish</td>
<td>12</td>
</tr>
<tr>
<td>Dance</td>
<td>7</td>
<td>Spanish: Middle/Secondary Education</td>
<td>20</td>
</tr>
<tr>
<td>Earth Science: Secondary Education</td>
<td>17</td>
<td>Theatre</td>
<td>12</td>
</tr>
<tr>
<td>Economics</td>
<td>8</td>
<td>Theatre Education</td>
<td>13</td>
</tr>
<tr>
<td>English: Creative Writing (B.A.)</td>
<td>8</td>
<td>Visual Arts (B.F.A.)</td>
<td>13</td>
</tr>
<tr>
<td>English: Creative Writing (B.F.A.)</td>
<td>8</td>
<td>Women’s and Gender Studies</td>
<td>13</td>
</tr>
<tr>
<td>English: Literature</td>
<td>8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ANTHROPOLOGY
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ANT 151 Physical Anthropology
ANT 152 Cultural Anthropology
ANT 154 World Archaeology
ANT 155 Language and Culture
MAT 118 Statistics: An Empirical Introduction  -or-  MAT 151 Statistics I (recommended, not required)
FRE 202 Intermediate French II  -or-  SPA 202 Intermediate Spanish II (recommended, not required)

ARCHAEOLOGICAL STUDIES
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ANT 151 Physical Anthropology (recommended, not required)
ANT 152 Cultural Anthropology (recommended, not required)
ANT 154 World Archaeology
ART 105 History of Art I
ART 106 History of Art II
GEO 103 Physical Geology
GEO 104 Historical Geology
MAT 118 Statistics: An Empirical Introduction  -or-  MAT 151 Statistics I (recommended, not required)

ART EDUCATION (ART STUDIO MAJOR with K-12 certification)
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ART 105 History of Art I
ART 106 History of Art II
ART 101 Drawing I
ART 102 Drawing II
ART 103 Design I
EDU 275 Cultural Foundations of Education
PSY 103 General Psychology -or- PSY 204 Child Psychology -or- PSY 207 Adolescent Psychology

**ART HISTORY**
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ART 105 History of Art I
ART 106 History of Art II
ART 101 Drawing I -or- ART 103 Design I

**ART STUDIO**
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ART 105 History of Art I
ART 106 History of Art II
ART 101 Drawing I
ART 102 Drawing II
ART 103 Design I

**BIOCHEMISTRY**
Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science including the following courses:
BIO 151 General Biology I
BIO 152 General Biology II
BIO 253 Genetics
CHE 103 General Chemistry I
CHE 104 General Chemistry II
CHE 205 Organic Chemistry I
CHE 206 Organic Chemistry II
MAT 161 Calculus I
MAT 162 Calculus II
PHY 105 Physics I – Mechanics (PHY 103 General Physics I may be substituted)
PHY 205 Physics II – Electricity and Magnetism (PHY 104 General Physics II may be substituted)

**BIOLOGY (BA degree)**
Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science including the following courses:
BIO 151 General Biology I
BIO 152 General Biology II
BIO 253 Genetics
CHE 103 General Chemistry I
CHE 104 General Chemistry II
CHE 205 Organic Chemistry I

**BIOLOGY (BS degree)**
Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science including the following courses:
BIO 151 General Biology I
BIO 152 General Biology II
BIO 253 Genetics
CHE 103 General Chemistry I
CHE 104 General Chemistry II
CHE 205 Organic Chemistry I
CHE 206 Organic Chemistry II (strongly recommended, not required)
MAT 161 Calculus I
MAT 118 Statistics: An Empirical Introduction -or- MAT 151 Statistics I -or- MAT 162 Calculus II
PHY 105 Physics I – Mechanics (PHY 103 General Physics I may be substituted)
PHY 205 Physics II – Electricity and Magnetism (PHY 104 General Physics II may be substituted)
BUSINESS ADMINISTRATION
Recommended Onondaga degree: A.S. Business Administration including the following courses:
BUS 105 Financial Accounting
BUS 106 Managerial Accounting
BUS 121 Marketing
BUS 230 Principles of Management
BUS 231 Human Resource Management (recommended, not required)
BUS 243 Business Law I
BUS – choose additional business administration major courses under advisement
BUS 219 Statistics I
ECO 203 Principles of Macroeconomics
ECO 204 Principles of Microeconomics

BUSINESS ECONOMICS
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science  –or-  A.S. Business Administration including the following courses:
BUS 105 Financial Accounting (recommended, not required)
BUS 106 Managerial Accounting (recommended, not required)
ECO 203 Principles of Macroeconomics
ECO 204 Principles of Microeconomics
ENG 211 Intermediate Composition
BUS 219 Statistics I  –or-  MAT 118 Statistics: An Empirical Introduction  –or-  MAT 151
   Statistics I

CHEMISTRY (BA degree)
Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science including the following courses:
CHE 103 General Chemistry I
CHE 104 General Chemistry II
CHE 205 Organic Chemistry I
CHE 206 Organic Chemistry II
MAT 161 Calculus I
MAT 162 Calculus II
PHY 105 Physics I – Mechanics (PHY 103 General Physics I may be substituted)
PHY 205 Physics II – Electricity and Magnetism (PHY 104 General Physics II may be substituted)

**CHEMISTRY (BS degree)**

Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science including the following courses:
CHE 103 General Chemistry I
CHE 104 General Chemistry II
CHE 205 Organic Chemistry I
CHE 206 Organic Chemistry II
MAT 161 Calculus I
MAT 162 Calculus II
MAT 263 Calculus III
PHY 105 Physics I – Mechanics (PHY 103 General Physics I may be substituted)
PHY 205 Physics II – Electricity and Magnetism (PHY 104 General Physics II may be substituted)

**COMMUNICATION (SPEECH)**

Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science or A.A.S. Professional Communication including the following courses:
COM 102 Public Speaking
ENG 104 Freshman Composition and Literature II
ENG 211 Intermediate Composition

**COMMUNITY HEALTH**

Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science or A.S. Human Services including the following courses:
HEA 207 Personal Health (recommended, not required)
HUM 159 Chemical Dependencies or HEA 209 Drugs and Wellness
BIO 106 Human Biology
BIO 171 Anatomy and Physiology I (recommended, not required)
FSA 102 Basic Nutrition
MAT 118 Statistics: An Empirical Introduction or MAT 151 Statistics I
**COMPUTER SCIENCE (BA degree – Computer Science track)**
Recommended Onondaga degree: A.S. Computer Science -or- A.S. Liberal Arts and Sciences:
Mathematics and Science including the following courses:
CSC 110 Program Design and Development
CSC 111 Fundamentals of Computing I
CSC 112 Fundamentals of Computing II
CSC 211 Computer System Organization
CSC 221 Software Engineering
CSC 255 Database Design and Development
MAT 118 Statistics: An Empirical Introduction
MAT 161 Calculus I
MAT 162 Calculus II
MAT 251 Discrete Mathematics

**COMPUTER SCIENCE (BA degree – Information Systems track)**
Recommended Onondaga degree: A.S. Computer Science -or- A.S. Liberal Arts and Sciences:
Mathematics and Science including the following courses:
CSC 110 Program Design and Development
CSC 111 Fundamentals of Computing I
CSC 112 Fundamentals of Computing II
CSC 211 Computer System Organization
CSC 221 Software Engineering
CSC 255 Database Design and Development
MAT 118 Statistics: An Empirical Introduction
MAT 161 Calculus I
MAT 251 Discrete Mathematics
Business Administration minor (choose two to three minor courses under advisement)

**COMPUTER SCIENCE (BS degree)**
Recommended Onondaga degree: A.S. Computer Science -or- A.S. Liberal Arts and Sciences:
Mathematics and Science including the following courses:
CSC 110 Program Design and Development
CSC 111 Fundamentals of Computing I
CSC 112 Fundamentals of Computing II
CSC 211 Computer System Organization
CSC 221 Software Engineering
CSC 255 Database Design and Development
MAT 118 Statistics: An Empirical Introduction
MAT 161 Calculus I
MAT 162 Calculus II
MAT 251 Discrete Mathematics
MAT 263 Calculus III - or - MAT 241 Linear Algebra
Choose one science (two course sequence) from the following:
  BIO 151 and 152 General Biology I and II
  CHE 103 and 104 General Chemistry I and II
  PHY 105 and 205 Physics I and II

**CRIMINAL JUSTICE**
Recommended Onondaga degree: A.S. Criminal Justice - or - A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
CRJ 101 Justice System
CRJ 201 Criminology
CRJ – choose additional criminal justice major courses under advisement
MAT 118 Statistics: An Empirical Introduction - or - MAT 151 Statistics I
PHI 101 Introduction to Philosophy - or - PHI 108 Ethics (recommended pre-requisite course)
POS 100 American National Politics
PSY 103 General Psychology
SOC 103 Introductory Sociology

**DANCE**
*Dance major courses are not available at OCC.* Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following course:
ENG 219 Acting I: Dramatic Literature in Performance
ECONOMICS
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science -or- A.S. Business Administration including the following courses:
ECO 203 Principles of Macroeconomics
ECO 204 Principles of Microeconomics
ENG 211 Intermediate Composition
BUS 219 Statistics I -or- MAT 118 Statistics: An Empirical Introduction -or- MAT 151 Statistics I

ENGLISH: CREATIVE WRITING (BA degree)
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ENG 203 World Literature I -or- ENG 204 World Literature II -or- ENG 215 Mythology
ENG 207 Creative Writing - Fiction
ENG 211 Intermediate Composition

ENGLISH: CREATIVE WRITING (BFA degree)
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ENG 203 World Literature I -or- ENG 204 World Literature II -or- ENG 215 Mythology
ENG 207 Creative Writing - Fiction
ENG 211 Intermediate Composition

ENGLISH: LITERATURE
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ENG 104 Freshman Composition and Literature II (recommended, not required)
ENG 203 World Literature I -or- ENG 204 World Literature II
ENG 215 Mythology

ENGLISH: LITERATURE/Writing (required for students seeking English Adolescence Education (GR 5-12) certification)
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ENG 104 Freshman Composition and Literature II
ENG 203 World Literature I -or- ENG 204 World Literature II
ENG 207 Creative Writing - Fiction
ENG 211 Intermediate Composition
ENG 215 Mythology

**ENGLISH: WRITING**
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ENG 104 Freshman Composition and Literature II (recommended, not required)
ENG 207 Creative Writing – Fiction (recommended, not required)
ENG 211 Intermediate Composition

**ENVIRONMENTAL STUDIES**
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science -or- including the following courses:
ENG 211 Intermediate Composition
ENG 259 Report and Technical Writing
GEO 103 Physical Geology -or- GEO 106 Environmental Geology with lab

**FRENCH**
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
FRE 201 Intermediate French I
FRE 202 Intermediate French II

**GEOLOGY (BA degree)**
Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science including the following courses:
CHE 103 General Chemistry I
CHE 104 General Chemistry II
GEO 103 Physical Geology -or- GEO 106 Environmental Geology with lab
GEO 104 Historical Geology
**GEOLOGY (BS) degree**
Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science
including the following courses:
CHE 103 General Chemistry I
CHE 104 General Chemistry II
GEO 103 Physical Geology  \(\text{-or-}\) GEO 106 Environmental Geology with lab
GEO 104 Historical Geology
MAT 161 Calculus I
MAT 162 Calculus II  \(\text{-or-}\) MAT 118 Statistics: An Empirical Introduction  \(\text{-or-}\) MAT 151 Statistics I
PHY 105 Physics I – Mechanics (PHY 103 General Physics I may be substituted)
PHY 205 Physics II – Electricity and Magnetism (PHY 104 General Physics II may be substituted)

**HISTORY**
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social
Science including the following courses:
HIS 101 World History I  \(\text{-or-}\) HIS 102 World History II
HIS 103 History of Western Civilization  \(\text{-or-}\) HIS 104 History of Western Civilization
HIS 105 Early American History  \(\text{-or-}\) HIS 107 Modern American History
HIS – choose additional history major electives under advisement

**MATHEMATICS**
Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science
including the following courses:
MAT 161 Calculus I
MAT 162 Calculus II
MAT 241 Linear Algebra
MAT 263 Calculus III

**MUSIC (BM degree)**
Recommended Onondaga degree: A.A.S. Music including the following courses:
MUS 101T-102T Music Theory
MUS 101R-102R Music Reading (Solfeggio)
MUS 101K-102K Keyboard Harmony
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 105-106</td>
<td>Music History</td>
</tr>
<tr>
<td>MUS 111-112</td>
<td>Applied Music Major (lessons)</td>
</tr>
<tr>
<td>MUS 113-114</td>
<td>Piano Minor</td>
</tr>
<tr>
<td>MUS 121-122</td>
<td>Applied Music Repertory</td>
</tr>
<tr>
<td>MUS 201T-202T</td>
<td>Music Theory</td>
</tr>
<tr>
<td>MUS 201R-202R</td>
<td>Music Reading (Solfeggio)</td>
</tr>
<tr>
<td>MUS 201K-202K</td>
<td>Keyboard Harmony</td>
</tr>
<tr>
<td>MUS 211-212</td>
<td>Applied Music Major (lessons)</td>
</tr>
<tr>
<td>MUS 115-116</td>
<td>Piano Minor</td>
</tr>
<tr>
<td>MUS 221-222</td>
<td>Applied Major Repertory</td>
</tr>
<tr>
<td>PSY 204</td>
<td>Child Psychology (music education majors)</td>
</tr>
</tbody>
</table>

**PHILOSOPHY**

Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:

- PHI 101 Introduction to Philosophy (recommended, not required)
- PHI 107 Logic
- PHI 108 Ethics

**PHYSICS**

Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science including the following courses:

- PHY 105 Physics I – Mechanics
- PHY 205 Physics II – Electricity and Magnetism
- CHE 103 General Chemistry I
- CHE 104 General Chemistry II
- MAT 161 Calculus I
- MAT 162 Calculus II

**POLITICAL SCIENCE**

Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:

- POS 100 American National Politics
POS 198 Introduction to Political Thought
POL 201 Comparative Politics
MAT 118 Statistics: An Empirical Introduction  -or-  MAT 151 Statistics I

**PSYCHOLOGY**
Recommended Onondaga degree:  A.A. Liberal Arts and Sciences – Humanities and Social Science  -or-  A.S. Human Services including the following courses:
PSY 103 General Psychology
PSY – choose additional psychology major electives under advisement
MAT 118 Statistics: An Empirical Introduction  -or-  MAT 151 Statistics I

**SOCIOLGY**
Recommended Onondaga degree:  A.A. Liberal Arts and Sciences – Humanities and Social Science  -or-  A.S. Human Services including the following courses:
SOC 103 Introductory Sociology
SOC – choose additional sociology major electives under advisement
MAT 118 Statistics: An Empirical Introduction  -or-  MAT 151 Statistics I

**SPANISH**
Recommended Onondaga degree:  A.A. Liberal Arts and Sciences – Humanities and Social Science including the following course:
SPA 201 Intermediate Spanish I
SPA 202 Intermediate Spanish II

**THEATRE**
*There are a limited number of Theatre major courses available at OCC.* Recommended Onondaga degree:  A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ENG 219 Acting I:  Dramatic Literature in Performance
ENG 233 Shakespeare I (recommended, not required)
THEATRE EDUCATION (Pre K-12 certification)

There are a limited number of Theatre Education major courses available at OCC.
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
EDU 275 Cultural Foundations of Education
ENG 219 Acting I: Dramatic Literature in Performance
ENG 233 Shakespeare I (recommended, not required)
PSY 204 Child Psychology
PSY 207 Adolescent Psychology

VISUAL ARTS (BFA degree)

Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ART 105 History of Art I
ART 106 History of Art II
ART 101 Drawing I
ART 102 Drawing II
ART 103 Design I

WOMEN’S and GENDER STUDIES

Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
WMS 101 Introduction to Women’s Studies
HIS 209 History of American Women (recommended, not required)
EDUCATION CERTIFICATION MAJORS

CHILDHOOD/EARLY CHILDHOOD EDUCATION (BIRTH – GRADE 6)

Recommended Onondaga degree:  A.A. Liberal Arts and Sciences – Childhood Education Teacher Education Transfer) including as many of the following courses as possible:

EDU 275 Cultural Foundations of Education
ART 105 History of Art I -or- ART 106 History of Art II -or- ART 112 The Practice of Visual Aesthetics -or- MUS 103 Music Appreciation I
ART 101 Drawing I -or- ART 103 Design I -or- ART 152 Color and Concept Development -or- MUS 160 Introduction to Music Theory I
ENG 103 Freshman Composition and Literature I
ENG 104 Freshman Composition and Literature II COM 102 Public Speaking
MAT 121 Math for Elementary Teachers
MAT 122 Math for Elementary Teachers II
MAT 118 Statistics: An Empirical Introduction -or- MAT 151 Statistics I
BIO 105/105L Exploring Biology -or- BIO 121 Principles of Biology
GEO 103 Physical Geology
CHE 103 General Chemistry I -or- PHY 103 General Physics I
GEG 101 Introduction to Geography
HIS 102 World History II
HIS 105 Early American History
HIS 107 Modern American History
PSY 204 Child Psychology
PSY 214 Educational 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 Onondaga’s language sequence (101, 102, 201) at the appropriate level and complete ASL, FRE, ITA or SPA 201 prior to transferring. Note: if the modern language requirement was satisfied in high school, students may substitute HIS 103 and 104 History of Western Civilization I and II.

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. The Specialization will be started at OCC and completed at the upper-division level at Potsdam.
Biology Specialization:
BIO 151 General Biology I  (recommended, not required)
BIO 152 General Biology II
BIO 253 Genetics

Chemistry Specialization:
CHE 103 General Chemistry I
CHE 104 General Chemistry II

English Specialization:
ENG 203 World Literature I  -or-  ENG 204 World Literature II  -or-  ENG 215 Mythology
ENG 207 Creative Writing – Fiction  -or-  ENG 211 Intermediate Composition
ENG 213 Children’s Literature

Geology Specialization:
GEO 103 Physical Geology  (recommended, not required)
GEO 104 Historical Geology
SCI 100/100L Meteorology  -or-  SCI 103/103L Introductory Astronomy

Mathematics Specialization:
MAT 161 Calculus I
MAT 162 Calculus II
MAT 241 Linear Algebra

Physics Specialization:
PHY 103 General Physics I
PHY 104 General Physics II
SCI 100/100L Meteorology  -or-  SCI 103/103L Introductory Astronomy

Social Science/History Specialization:
POS 100 American National Politics
**ADOLESCENCE/SECONDARY EDUCATION CERTIFICATION MAJORS**

**ADOLESCENCE EDUCATION (GRADES 7-12): BIOLOGY**

Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science including the following courses:

- BIO 151 General Biology I
- BIO 152 General Biology II
- BIO 253 Genetics
- CHE 103 General Chemistry I
- CHE 104 General Chemistry II
- CHE 205 Organic Chemistry I
- GEO 103 Physical Geology  
  - or -  GEO 104 Historical Geology
- PHY 103 General Physics I  
  - or -  SCI 101 Physical Science I
- PSY 103 General Psychology  
  - or -  PSY 204 Child Psychology
- PSY 207 Adolescent Psychology
- ASL 201 American Sign Language III  
  - or -  FRE 201 Intermediate French I  
  - or -  ITA 201 Intermediate Italian I  
  - or -  Intermediate Spanish I  
  - or -  four years of the same foreign language completed at the high school level

**ADOLESCENCE EDUCATION (GRADES 7-12): CHEMISTRY**

Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science including the following courses:

- CHE 103 General Chemistry I
- CHE 104 General Chemistry II
- CHE 205 Organic Chemistry I
- CHE 206 Organic Chemistry II
- BIO 106 Human Biology  
  - or -  BIO 121 Introduction to Biology  
  - or -  BIO 151 General Biology I
- GEO 103 Physical Geology  
  - or -  GEO 104 Historical Geology
- MAT 161 Calculus I
- MAT 162 Calculus II
- PHY 105 Physics I – Mechanics (PHY 103 General Physics I may be substituted)
- PHY 205 Physics II – Electricity and Magnetism (PHY 104 General Physics II may be substituted)
PSY 103 General Psychology -or- PSY 204 Child Psychology
PSY 207 Adolescent Psychology
ASL 201 American Sign Language III -or- FRE 201 Intermediate French I -or- ITA 201
  Intermediate Italian I -or- Intermediate Spanish I -or- four years of the same foreign
  language completed at the high school level

ADOLESCENCE EDUCATION (GRADES 7-12): EARTH SCIENCE
Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science
including the following courses:
GEO 103 Physical Geology -or- GEO 106 Environmental Geology with lab
GEO 104 Historical Geology
BIO 253 Genetics
CHE 103 General Chemistry I
CHE 104 General Chemistry II
SCI 100 Meteorology with lab
SCI 103 Introductory Astronomy with lab
PSY 103 General Psychology -or- PSY 204 Child Psychology
PSY 207 Adolescent Psychology
ASL 201 American Sign Language III -or- FRE 201 Intermediate French I -or- ITA 201
  Intermediate Italian I -or- Intermediate Spanish I -or- four years of the same foreign
  language completed at the high school level

ADOLESCENCE EDUCATION (GRADES 5-12): ENGLISH
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social
Science including the following courses:
ENG 104 Freshman Composition and Literature II
ENG 203 World Literature I -or- ENG 204 World Literature II
ENG 215 Mythology
ENG 207 Creative Writing - Fiction
ENG 211 Intermediate Composition
ANT 155 Language and Culture
PSY 207 Adolescent Psychology -or- PSY 214 Educational Psychology
ASL 201 American Sign Language III -or- FRE 201 Intermediate French I -or- ITA 201
Intermediate Italian I -or- Intermediate Spanish I -or- four years of the same foreign language completed at the high school level

ADOLESCENCE EDUCATION (GRADES 5-12): FRENCH
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
FRE 202 Intermediate French II
ART 105 History of Art I -or- ART 106 History of Art II
COM 102 Public Speaking
PSY 207 Adolescent Psychology
PSY 214 Educational Psychology

ADOLESCENCE EDUCATION (GRADES 5-12): MATHEMATICS
Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science including the following courses:
MAT 118 Statistics: An Empirical Introduction -or- MAT 151 Statistics I
MAT 161 Calculus I
MAT 162 Calculus II
MAT 263 Calculus III
MAT 241 Linear Algebra
ENG 103 Freshman Composition and Literature I
ENG 104 Freshman Composition and Literature II
PSY 207 Adolescent Psychology
PSY 214 Educational Psychology
ASL 201 American Sign Language III -or- FRE 201 Intermediate French I -or- ITA 201
Intermediate Italian I -or- Intermediate Spanish I -or- four years of the same foreign language completed at the high school level

ADOLESCENCE EDUCATION (GRADES 7-12): PHYSICS
Recommended Onondaga degree: A.S. Liberal Arts and Sciences – Mathematics and Science including the following courses:
PHY 105 Physics I – Mechanics
PHY 205 Physics II – Electricity and Magnetism
PHY 206 Physics III – Thermodynamics and Waves
CHE 103 General Chemistry I
CHE 104 General Chemistry II
BIO 106 Human Biology -or- BIO 121 Introduction to Biology -or- BIO 151 General Biology I
GEO 103 Physical Geology -or- GEO 104 Historical Geology
MAT 161 Calculus I
MAT 162 Calculus II
PSY 103 General Psychology -or- PSY 204 Child Psychology
PSY 207 Adolescent Psychology
ASL 201 American Sign Language III -or- FRE 201 Intermediate French I -or- ITA 201
Intermediate Italian I -or- Intermediate Spanish I -or- four years of the same foreign language completed at the high school level

ADOLESCENCE EDUCATION (GRADES 5-12): SOCIAL STUDIES
Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:
ANT 152 Cultural Anthropology
COM 102 Public Speaking
ECO 203 Principles of Macroeconomics
ECO 204 Principles of Microeconomics
HIS 103 History of Western Civilization -or- HIS 104 History of Western Civilization
HIS 105 Early American History
HIS 107 Modern American History
POS 100 American National Politics -or- POS 198 Introduction to Political Thought
PSY 103 General Psychology
PSY 207 Adolescent Psychology
SOC 103 Introductory Sociology
ASL 201 American Sign Language III -or- FRE 201 Intermediate French I -or- ITA 201
Intermediate Italian I -or- Intermediate Spanish I -or- four years of the same foreign language completed at the high school level
ADOLESCENCE EDUCATION (GRADES 5-12): SPANISH

Recommended Onondaga degree: A.A. Liberal Arts and Sciences – Humanities and Social Science including the following courses:

SPA 202 Intermediate Spanish II
ART 105 History of Art I  -or-  ART 106 History of Art II
COM 102 Public Speaking
PSY 207 Adolescent Psychology
PSY 214 Educational Psychology

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