

**Transfer from
ONONDAGA COMMUNITY COLLEGE
to
SUNY POTSDAM**

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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.

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ONONDAGA COMMUNITY COLLEGE/SUNY POTSDAM

MAJOR ADVISING GUIDE

October 2013

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 **-or-** GEO 106 Environmental Geology with lab

GEO 104 Historical Geology

MAT 161 Calculus I

MAT 162 Calculus II **-or-** MAT 118 Statistics: An Empirical Introduction **-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 **-or-** HIS 102 World History II

HIS 103 History of Western Civilization **-or-** HIS 104 History of Western Civilization

HIS 105 Early American History **-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

MUS 105-106	Music History
MUS 111-112	Applied Music Major (lessons)
MUS 113-114	Piano Minor
MUS 121-122	Applied Music Repertory
MUS 201T-202T	Music Theory
MUS 201R-202R	Music Reading (Solfeggio)
MUS 201K-202K	Keyboard Harmony
MUS 211-212	Applied Music Major (lessons)
MUS 115-116	Piano Minor
MUS 221-222	Applied Major Repertory
PSY 204	Child Psychology (music education majors)

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

SOCIOLOGY

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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