

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

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***ARTICULATION AGREEMENT
and
ACADEMIC MAJOR ADVISING GUIDE***

This advising guide is intended to assist faculty and students with introductory major course selection at Monroe Community College. Although not specifically required as prerequisites for admission to SUNY Potsdam, it is recommended that MCC 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 MCC prior to transferring.

Students transferring to Potsdam to complete a major that has no introductory course work available at MCC 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 Monroe A.A. or A.S. degree, having completed 30 semester 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 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:

Academic Transfer Services
SUNY Potsdam
44 Pierrepont Avenue
Potsdam, NY 13676
Phone: 315-267-2932
Fax: 315-267-2762
Email: transfer@potsdam.edu

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MONROE COMMUNITY COLLEGE/SUNY POTSDAM

MAJOR ADVISING GUIDE

May 2016

ANTHROPOLOGY

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science

-or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ANT 102 Cultural Anthropology

ANT – choose additional major electives under advisement

MTH 160 Statistics I (recommended, not required)

FRE 104 Intermediate French II -or- GER 104 Intermediate German II -or- SPA 104

Intermediate Spanish II (recommended, not required)

ARCHAEOLOGICAL STUDIES

Archaeological Studies major courses are not available at MCC. Recommended MCC degree:

A.A. Liberal Arts and Sciences: Humanities and Social Science -or- A.S. Liberal Arts and

Sciences: General Studies including the following courses:

ANT 101 General Anthropology (recommended, not required)

ANT 205 Anthropology Field School (recommended, not required)

ART 118 Perspectives of Art History I: Ancient

ART 119 Perspectives of Art History II: Modern

GEO 101 Introduction to Geology I (Physical Geology)

GEO 102 Historical Geology

MTH 160 Statistics I (recommended, not required)

ART EDUCATION (ART STUDIO MAJOR with K-12 certification)

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science

-or- A.S. Fine Arts including the following courses:

ART 104 Drawing I: Foundation

ART 109 Two Dimensional Design: Foundation

ART 125 Three-Dimensional Design: Foundation

ART 154 Drawing the Human Figure

ART 204 Drawing II

ART 118 Perspectives of Art History I: Ancient

ART 119 Perspectives of Art History II: Modern

EDU 200 Foundations of Education

ART HISTORY

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science

-or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ART 104 Drawing I: Foundation -or- ART 109 Two Dimensional Design: Foundation -or-

ART 154 Drawing the Human Figure

ART 118 Perspectives of Art History I: Ancient

ART 119 Perspectives of Art History II: Modern

ART – choose additional major electives under advisement

ART STUDIO

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science

-or- A.S. Fine Arts including the following courses:

ART 104 Drawing I: Foundation

ART 109 Two Dimensional Design: Foundation

ART 125 Three-Dimensional Design: Foundation

ART 154 Drawing the Human Figure

ART 118 Perspectives of Art History I: Ancient

ART 119 Perspectives of Art History II: Modern

ART 204 Drawing II

ART – choose additional major electives under advisement

BIOCHEMISTRY

Recommended MCC degree: A.S. Liberal Arts and Sciences: Chemistry including the following courses:

BIO 155 General Biology I

BIO 156 General Biology II

BIO 230 Molecular Genetics

CHE 151 General College Chemistry I

CHE 152 General College Chemistry II

CHE 251 Organic Chemistry I

CHE 252 Organic Chemistry II

MTH 210 Calculus I

MTH 211 Calculus II

PHY 161 University Physics I (PHY 145 College Physics I may be substituted)

PHY 261 University Physics II (PHY 146 College Physics II may be substituted)

BIOLOGY (BA degree)

Recommended MCC degree: A.S. Liberal Arts and Sciences: Biology including the following courses:

BIO 155 General Biology I
BIO 156 General Biology II
BIO 230 Molecular Genetics
BIO 260 General Ecology
CHE 151 General College Chemistry I
CHE 152 General College Chemistry II
CHE 251 Organic Chemistry I

BIOLOGY (BS degree)

Recommended MCC degree: A.S. Liberal Arts and Sciences: Biology including the following courses:

BIO 155 General Biology I
BIO 156 General Biology II
BIO 230 Molecular Genetics
BIO 260 General Ecology
CHE 151 General College Chemistry I
CHE 152 General College Chemistry II
CHE 251 Organic Chemistry I
CHE 252 Organic Chemistry II (strongly recommended, not required)
MTH 210 Calculus I
MTH 160 Statistics I **-or-** MTH 211 Calculus II
PHY 145 College Physics I **-or-** PHY 161 University Physics I (choose physics sequence with advisement)
PHY 146 College Physics II **-or-** PHY 261 University Physics II

BUSINESS ADMINISTRATION

Recommended MCC degree: A.S. Business Administration **-or-** A.S. International Business including the following courses:

ACC 101 Accounting Principles I
ACC 102 Accounting Principles II
BUS 201 Business Law I
BUS 204 Management Theory and Practice
BUS 207 Human Resources Management (recommended, not required)
MAR 200 Principles of Marketing
ACC, BUS, MAR – choose additional major electives under advisement

ECO 111 Principles of Microeconomics
ECO 112 Principles of Macroeconomics
MTH 160 Statistics I

BUSINESS ECONOMICS

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science

-or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ACC 101 Accounting Principles I (recommended, not required)
ACC 102 Accounting Principles II (recommended, not required)
ECO 111 Principles of Microeconomics
ECO 112 Principles of Macroeconomics
ENG 200 Advanced Writing
MTH 160 Statistics I

CHEMISTRY (BA degree)

Recommended MCC degree: A.S. Liberal Arts and Sciences: Chemistry including the following courses:

CHE 151 General College Chemistry I
CHE 152 General College Chemistry II
CHE 251 Organic Chemistry I
CHE 252 Organic Chemistry II
MTH 210 Calculus I
MTH 211 Calculus II
PHY 161 University Physics I (PHY 145 College Physics I may be substituted)
PHY 261 University Physics II (PHY 146 College Physics II may be substituted)

CHEMISTRY (BS degree)

Recommended MCC degree: A.S. Liberal Arts and Sciences: Chemistry including the following courses:

CHE 151 General College Chemistry I
CHE 152 General College Chemistry II
CHE 251 Organic Chemistry I
CHE 252 Organic Chemistry II
MTH 210 Calculus I
MTH 211 Calculus II
MTH 212 Calculus III
PHY 161 University Physics I (PHY 145 College Physics I may be substituted)
PHY 261 University Physics II (PHY 146 College Physics II may be substituted)

COMMUNICATION (SPEECH)

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science

-or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

SPC 140 Introduction to Speech Communication (recommended, not required)

SPC 142 Public Speaking

ENG 105 Introduction to Literature

ENG 200 Advanced Composition

SPC – choose additional major electives under advisement

COMMUNITY HEALTH

Community Health major courses are not available at MCC. Recommended MCC degree:

A.A. Liberal Arts and Sciences: Humanities and Social Science -or- A.S. Liberal Arts and Sciences: General Studies -or- A.S. Health Studies -or- A.S. Human Services including the following courses:

HED 130 Foundations of Personal Health and Wellness (recommended, not required)

BIO 132/133 Human Biology

BIO 134 Human Anatomy and Physiology I (recommended, not required)

MTH 160 Statistics I

COMPUTER SCIENCE (BA degree – Computer Science track)

Recommended MCC degree: A.S. Computer Science including the following courses:

CSC 101 Introduction to Computer Science

CSC 103 Introduction to Data Structures

CSC 202 Programming Embedded Microcontrollers in C and Assembly

CPT 210 Operating Systems and Peripherals

MTH 160 Statistics I

MTH 210 Calculus I

MTH 211 Calculus II

MTH 220 Discrete Mathematics

COMPUTER SCIENCE (BA degree – Information Systems track)

Recommended MCC degree: A.S. Computer Science including the following courses:

CSC 101 Introduction to Computer Science

CSC 103 Introduction to Data Structures

CSC 202 Programming Embedded Microcontrollers in C and Assembly

CPT 210 Operating Systems and Peripherals

MTH 160 Statistics I

MTH 210 Calculus I

Business Administration minor (complete 6 out of 18 credits under Potsdam advisement)

COMPUTER SCIENCE (BS degree)

Recommended MCC degree: A.S. Computer Science including the following courses:

CSC 101 Introduction to Computer Science

CSC 103 Introduction to Data Structures

CSC 202 Programming Embedded Microcontrollers in C and Assembly

CPT 210 Operating Systems and Peripherals

MTH 160 Statistics I

MTH 210 Calculus I

MTH 211 Calculus II

MTH 212 Calculus III **-or-** MTH 230 Linear Algebra

MTH 220 Discrete Mathematics

Choose one science (two course sequence) from the following:

BIO 155 and 156 General Biology I and II

CHE 151 and 152 General College Chemistry I and II

PHY 161 and 261 University Physics I and II

CRIMINAL JUSTICE

Recommended MCC degree: A.S. Criminal Justice **-or-** A.A. Liberal Arts and Sciences:

Humanities and Social Science **-or-** A.S. Liberal Arts and Sciences: General Studies including the following courses:

CRJ 101 Introduction to Criminal Justice

CRJ – choose additional major electives under advisement

MTH 160 Statistics I

POS 102 American National Government (recommended pre-requisite course)

PSY 101 Introductory Psychology (recommended pre-requisite course)

SOC 101 Introduction to Sociology (recommended pre-requisite course)

SOC 203 Criminology

DANCE

Dance major courses are not available at MCC.

ECONOMICS

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science

-or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ECO 111 Principles of Microeconomics

ECO 112 Principles of Macroeconomics
ENG 200 Advanced Composition
MTH 160 Statistics I

ENGLISH: CREATIVE WRITING (BA degree)

Recommended MCC degree: A.A. Creative Writing -or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ENG 200 Advanced Composition

ENG 213 Creative Writing

ENG 201 Early British Literature -or- ENG 202 Modern British Literature -or- ENG 230
Mythology

ENG – choose additional major electives under advisement

ENGLISH: CREATIVE WRITING (BFA degree) (portfolio required for admission consideration)

Recommended MCC degree: A.A. Creative Writing -or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ENG 200 Advanced Composition

ENG 213 Creative Writing

ENG 201 Early British Literature -or- ENG 202 Modern British Literature -or- ENG 230
Mythology

ENG – choose additional major electives under advisement

ENGLISH: LITERATURE

Recommended MCC degree: A.A. English -or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ENG 105 Introduction to Literature (recommended, not required)

ENG 201 Early British Literature -or- ENG 202 Modern British Literature -or- ENG 230
Mythology

ENG – choose additional major electives under advisement

ENGLISH: LITERATURE/WRITING (required major for students seeking English Adolescence Education [GR 5-12] certification)

Recommended MCC degree: A.A. English -or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ENG 105 Introduction to Literature

ENG 200 Advanced Composition

ENG 201 Early British Literature -or- ENG 202 Modern British Literature -or- ENG 230
Mythology

ENG 213 Creative Writing

ENG – choose additional major electives under advisement

ENGLISH: WRITING

Recommended MCC degree: A.A. English -or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ENG 105 Introduction to Literature (recommended, not required)

ENG 200 Advanced Composition

ENG 213 Creative Writing (recommended, not required)

ENG – choose additional major electives under advisement

ENVIRONMENTAL STUDIES

Environmental Studies major courses are not available at MCC. Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science -or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ENG 200 Advanced Composition (pre-requisite major course)

GEO 101 Introduction to Geology I (Physical) -or- GEO 210 Environmental Geology

SOC 209 Environmental Sociology (recommended, not required)

EXERCISE SCIENCE (Exercise and Sports Performance track)

Recommended MCC degree: A.S. Liberal Arts and Sciences: General Studies including the following courses:

BIO 155 General Biology I

BIO 156 General Biology II

HED 130 Foundations of Personal Health and Wellness (recommended, not required)

MTH 160 Statistics

EXERCISE SCIENCE (Pre-Professional track)

Recommended MCC degree: A.S. Liberal Arts and Sciences: General Studies -or- A.S. Liberal Arts and Sciences: Chemistry including the following courses:

BIO 155 General Biology I

BIO 156 General Biology II

CHE 151 General College Chemistry I

CHE 152 General College Chemistry II

CHE 251 Organic Chemistry I (recommended elective for Physical Therapy prep)

CHE 252 Organic Chemistry II (recommended elective for Physical Therapy prep)

HED 130 Foundations of Personal Health and Wellness (recommended, not required)

MTH 160 Statistics

PHY 145 College Physics I (recommended elective for Physical Therapy prep)

PHY 146 College Physics II (recommended elective for Physical Therapy prep)

FRENCH

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science

-or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

FRE 104 Intermediate French II

FRE 205 Contemporary French Conversation I (recommended, not required)

FRE 206 Contemporary French Conversation II (recommended, not required)

GEOLOGY (BA degree)

Recommended MCC degree: A.S. Liberal Arts and Sciences: Geology including the following courses:

GEO 101 Introduction to Geology I (Physical Geology)

GEO 102 Historical Geology

CHE 151 General College Chemistry I

CHE 152 General College Chemistry II

GEOLOGY (BS degree)

Recommended MCC degree: A.S. Liberal Arts and Sciences: Geology including the following courses:

GEO 101 Introduction to Geology I (Physical Geology)

GEO 102 Historical Geology

CHE 151 General College Chemistry I

CHE 152 General College Chemistry II

MTH 210 Calculus I

MTH 160 Statistics I **-or-** MTH 211 Calculus II

PHY 145 College Physics **-or-** PHY 161 University Physics I

PHY 146 College Physics II **-or-** PHY 262 University Physics II

GRAPHIC DESIGN and NEW MEDIA (BA degree)

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Sciences

-or- A.S. Fine Arts including the following courses:

ART 104 Drawing I: Foundation

ART 109 Two Dimensional Design: Foundation

ART 125 Three-Dimensional Design: Foundation

ART 154 Drawing the Human Figure

ART 118 Perspectives of Art History I: Ancient

ART 119 Perspectives of Art History II: Modern
ART 204 Drawing II
AAD 105 Typography
AAD 112 Graphic Design I
AAD 205 Graphic Design II

GRAPHIC DESIGN and NEW MEDIA (BFA degree) (portfolio required for admission consideration)

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Sciences

-or- A.S. Fine Arts including the following courses:

ART 104 Drawing I: Foundation
ART 109 Two Dimensional Design: Foundation
ART 125 Three-Dimensional Design: Foundation
ART 154 Drawing the Human Figure
ART 118 Perspectives of Art History I: Ancient
ART 119 Perspectives of Art History II: Modern
ART 204 Drawing II
AAD 105 Typography
AAD 112 Graphic Design I
AAD 205 Graphic Design II

HISTORY

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science

-or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

HIS 113 Western Civilization I **-or-** HIS 114 Western Civilization II
HIS 111 United States History I to 1865 **-or-** HIS 112 United States History II since 1865
HIS – choose additional major electives under advisement

INTERNATIONAL STUDIES

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science

-or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ECO 111 Principles of Microeconomics (recommended pre-requisite course)
ECO 112 Principles of Macroeconomics (recommended pre-requisite course)
POS 205 Comparative Political Systems **-or-** POS 206 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 104, SPA 104 or intermediate II level of another modern language at Monroe or a Potsdam 203 level or higher language course.

MATHEMATICS

Recommended MCC degree: A.S. Mathematics **-or-** A.S. Liberal Arts and Sciences: General Studies including the following courses:

MTH 210 Calculus I

MTH 211 Calculus II

MTH 212 Calculus III

MTH 230 Linear Algebra

MUSIC, MUSIC EDUCATION, MUSIC PERFORMANCE, MUSICAL STUDIES, BUSINESS of MUSIC

Recommended MCC degree: A.S. Music Performance. In order to be accepted into one of the Crane School of Music's Bachelor of Music degree programs, students must successfully complete a music audition. Placement into music studio, theory and aural skills classes is based solely on the student's level of professional music proficiency in each of these areas. Admission to music education requires a 3.0 minimum grade point average.

PHILOSOPHY

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science **-or-** A.A. Philosophy **-or-** A.S. Liberal Arts and Sciences: General Studies including the following courses:

PHL 101 Introduction to Philosophy (recommended, not required)

PHL 102 Introduction to Logic

PHL 103 Introduction to Ethics

PHL – choose additional major electives under advisement

PHYSICS

Recommended MCC degree: A.S. Physics including the following courses:

PHY 161 University Physics I

PHY 261 University Physics II

PHY 262 Modern Physics

CHE 151 General College Chemistry I

CHE 152 General College Chemistry II

MTH 210 Calculus I

MTH 211 Calculus II

POLITICAL SCIENCE

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science **-or-** A.S. Liberal Arts and Sciences: General Studies including the following courses:

POS 102 American National Government

POS 210 Introduction to Political Thought

POS 205 Comparative Political Systems

POS 206 International Politics

MTH 160 Statistics I

PSYCHOLOGY

Recommended MCC degree: A.S. Psychology **-or-** A.S. Liberal Arts and Sciences: General Studies including the following courses:

PSY 101 Introductory Psychology

PSY – choose additional major electives under advisement

MTH 160 Statistics I

SOCIOLOGY

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science **-or-** A.S. Liberal Arts and Sciences: General Studies including the following courses:

SOC 101 Introduction to Sociology

SOC – choose additional major electives under advisement

MTH 160 Statistics I

SPANISH

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science **-or-** A.S. Liberal Arts and Sciences: General Studies including the following courses:

SPA 104 Intermediate Spanish II

SPA 205 Advanced Conversational Spanish I (recommended, not required)

SPA 206 Advanced Conversational Spanish II (recommended, not required)

THEATRE

Recommended MCC degree: A.S. Theatre Arts **-or-** A.S. Liberal Arts and Sciences: General Studies including the following courses:

THE 110 Introduction to the Theatre (recommended, not required)

THE 111 Introduction to Technical Theatre

THE 112 Fundamentals of Acting I

ENG 220 Introduction to Dramatic Literature (recommended, not required)

THEATRE EDUCATION (Pre K - Gr12 certification)

Recommended MCC degree: A.A. Liberal Arts and Sciences: Humanities and Social Science **-or-** A.S. Liberal Arts and Sciences: General Studies including the following courses:

THE 110 Introduction to the Theatre (recommended, not required)

THE 111 Introduction to Technical Theatre
THE 112 Fundamentals of Acting I
ENG 220 Introduction to Dramatic Literature (recommended, not required)
EDU 200 Foundations of Education
PSY 201 Developmental Psychology - Child
PSY 202 Developmental Psychology - Adolescence

VISUAL ARTS (BFA degree) (portfolio required for admission consideration)

Recommended MCC degree: A.S. Fine Arts including the following courses:

ART 104 Drawing I: Foundation
ART 109 Two Dimensional Design: Foundation
ART 125 Three-Dimensional Design: Foundation
ART 154 Drawing the Human Figure
ART 118 Perspectives of Art History I: Ancient
ART 119 Perspectives of Art History II: Modern
ART 204 Drawing II
ART – choose additional major electives under advisement

WOMEN’S and GENDER STUDIES

Women’s and Gender Studies major courses are not available at MCC. Recommended MCC degree: A.S. Gender and Sexuality Studies -or- A.S. Liberal Arts and Sciences: General Studies including the following courses:

ART 240 Women, Art and Society (recommended, not required)
BIO 138 The Biology of Women (recommended, not required)
ENG 217 Women in Literature (recommended, not required)
HIS 257 Women in the United States: An Historical Perspective
SOC 206 Sociology of Gender and Sexuality (recommended, not required)

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 MCC degree: A.A. Liberal Arts and Sciences: Childhood Education (Transfer Program) **-or-** A.A. Liberal Arts and Sciences: Early Childhood Education (Transfer Program)

-or- A.A. Liberal Arts and Sciences: General Studies including as many of the following courses as possible:

EDU 200 Foundations of Education

ART 118 Perspectives of Art History I: Ancient **-or-** ART 119 Perspectives of Art History II: Modern **-or-** MUS 101 Music Appreciation **-or-** THE 110 Introduction to Theatre

ART 104 Drawing I: Foundation **-or-** ART 107 Watercolor and Water-Based Media **-or-** ART 109 Two Dimensional Design: Foundation **-or-** MUS 102 Basic Musicianship Skills I **-or-** THE 112 Fundamentals of Acting I

ENG 101 College Composition

ENG 105 Introduction to Literature

GEG 102 Human Geography

GEO 101 Introduction to Geology I (Physical)

HIS 111 United States History I to 1865

HIS 112 United States History II since 1865

MTH 155 Mathematics for Elementary Teachers I

MTH 156 Mathematics for Elementary Teachers II

MTH 160 Statistics I

PSY 201 Developmental Psychology - Child

SCI 131 Integrated Science for Future Teachers II – The Living World **-or-** BIO 120 Essentials of Life Science **-or-** BIO 155 General Biology I **-or-** BIO 156 General Biology II

SCI 131 Integrated Science for Future Teachers I – The Physical World **-or-** CHE 100

Preparatory Chemistry **-or-** CHE 145 Preparation for General College Chemistry **-or-** CHE 151 General College Chemistry I **-or-** PHY 145 College Physics I

SPC 142 Public Speaking

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 MCC's language sequence at the appropriate level and complete the language sequence through ASL 103, CHI 103, FRE 103, GER 103, ITA 103, JPN 103 **or** SPA 103. If the language requirement was completed in high school, HIS 113 and 114 Western Civilization I and Western Civilization II may be substituted.

SPECIALIZATION AREAS for Childhood/Early Childhood Majors: Students must choose one specialization area from the following: Biology, Chemistry, English, Geology, Mathematics,

Physics or Social Studies/History. The Specialization will be started at MCC and completed at the upper-division level at Potsdam.

Biology Specialization:

BIO 155 General Biology I (recommended, not required)
BIO 156 General Biology II
BIO 230 Molecular Genetics **-or-** BIO 260 General Ecology

Chemistry Specialization:

CHE 151 General College Chemistry I
CHE 152 General College Chemistry II
CHE 251 Organic Chemistry I (recommended, not required)

English Specialization:

ENG 200 Advanced Composition
ENG 201 Early British Literature **-or-** ENG 202 Modern British Literature **-or-** ENG 230
Mythology
ENG 215 Children's Literature

Geology Specialization:

GEO 101 Introduction to Geology I [Physical] (recommended, not required)
GEO 102 Historical Geology
GEO 105/115 Astronomy with Lab

Mathematics Specialization:

MTH 210 Calculus I
MTH 211 Calculus II
MTH 230 Linear Algebra

Physics Specialization:

PHY 145 College Physics I
PHY 146 College Physics II
GEO 105/115 Astronomy with Lab

Social Science/History Specialization:

POS 102 American National Government

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 MCC degree: A.S. Liberal Arts and Sciences: Adolescence Education **-or-** A.S.

Liberal Arts and Sciences: Biology including the following courses:

BIO 155 General Biology I

BIO 156 General Biology II

BIO 230 Molecular Genetics

BIO 260 General Ecology

CHE 151 General College Chemistry I

CHE 152 General College Chemistry II

CHE 251 Organic Chemistry I

GEO 101 Introduction to Geology I (Physical) **-or-** GEO 102 Historical Geology

PHY 145 College Physics I **-or-** SCI 131 Integrated Science for Future Teachers I - Physical World

PSY 101 Introductory Psychology **-or-** PSY 201 Developmental Psychology - Child

PSY 202 Developmental Psychology - Adolescence

ASL 103 American Sign Language III **-or-** CHI 103 Intermediate Chinese I **-or-** FRE 103

Intermediate French I **-or-** GER 103 Intermediate German I **-or-** ITA 103 Intermediate

Italian I **-or-** JPN 103 Intermediate Japanese I **-or-** SPA 103 Intermediate Spanish I **-or-**

four years of the same foreign language completed at the high school level

ADOLESCENCE EDUCATION (GRADES 7-12): CHEMISTRY

Recommended MCC degree: A.S. Liberal Arts and Sciences: Adolescence Education **-or-** A.S.

Liberal Arts and Sciences: Chemistry including the following courses:

CHE 151 General College Chemistry I

CHE 152 General College Chemistry II

CHE 251 Organic Chemistry I

CHE 252 Organic Chemistry II

BIO 120 Essentials of Life Science **-or-** BIO 132/133 Human Biology **-or-** BIO 134 Human

Anatomy and Physiology I **-or-** BIO 155 General Biology I **-or-** BIO 156 General Biology II

GEO 101 Introduction to Geology I (Physical) **-or-** GEO 102 Historical Geology

MTH 210 Calculus I

MTH 211 Calculus II

PHY 161 University Physics I (PHY 145 College Physics I may be substituted)

PHY 261 University Physics II (PHY 146 College Physics II may be substituted)

PSY 101 Introductory Psychology **-or-** PSY 201 Developmental Psychology – Child

PSY 202 Developmental Psychology – Adolescence

ASL 103 American Sign Language III -or- CHI 103 Intermediate Chinese I -or- FRE 103 Intermediate French I -or- GER 103 Intermediate German I -or- ITA 103 Intermediate Italian I -or- JPN 103 Intermediate Japanese I -or- SPA 103 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 MCC degree: A.S. Liberal Arts and Sciences: Adolescence Education -or- A.S. Liberal Arts and Sciences: Geology including the following courses:

GEO 101 Introduction to Geology I (Physical Geology)

GEO 102 Historical Geology

GEO 105/115 Astronomy with Lab

CHE 151 General College Chemistry I

CHE 152 General College Chemistry II

PSY 101 Introductory Psychology -or- PSY 201 Developmental Psychology - Child

PSY 202 Developmental Psychology – Adolescence

ASL 103 American Sign Language III -or- CHI 103 Intermediate Chinese I -or- FRE 103

Intermediate French I -or- GER 103 Intermediate German I -or- ITA 103 Intermediate

Italian I -or- JPN 103 Intermediate Japanese I -or- SPA 103 Intermediate Spanish I -or-

four years of the same foreign language completed at the high school level

ADOLESCENCE EDUCATION (GRADES 5-12): ENGLISH

Recommended MCC degree: A.S. Liberal Arts and Sciences: Adolescence Education -or- A.A. Liberal Arts and Sciences: Humanities and Social Science -or- A.A. English including the following courses:

ENG 105 Introduction to Literature

ENG 200 Advanced Composition

ENG 201 Early British Literature -or- ENG 202 Modern British Literature -or- ENG 230 Mythology

ENG 213 Creative Writing

COM 101 Introduction to Mass Media

PSY 202 Developmental Psychology - Adolescence

ASL 103 American Sign Language III -or- CHI 103 Intermediate Chinese I -or- FRE 103

Intermediate French I -or- GER 103 Intermediate German I -or- ITA 103 Intermediate

Italian I -or- JPN 103 Intermediate Japanese I -or- SPA 103 Intermediate Spanish I -or-

four years of the same foreign language completed at the high school level

ADOLESCENCE EDUCATION (GRADES 5-12): FRENCH

Recommended MCC degree: A.S. Liberal Arts and Sciences: Adolescence Education including the following courses:

FRE 104 Intermediate French II

FRE 205 Contemporary French Conversation I (recommended, not required)

FRE 206 Contemporary French Conversation II (recommended, not required)

ART 118 Perspectives of Art History I: Ancient **-or-** ART 119 Perspective of Art History II: Modern

PSY 202 Developmental Psychology - Adolescence

SPC 142 Public Speaking

ADOLESCENCE EDUCATION (GRADES 7-12): MATHEMATICS

Recommended MCC degree: A.S. Liberal Arts and Sciences: Adolescence Education **-or-** A.S. Mathematics including the following courses:

MTH 160 Statistics I

MTH 210 Calculus I

MTH 211 Calculus II

MTH 212 Calculus III

MTH 230 Linear Algebra

ENG 101 College Composition

ENG 105 Introduction to Literature

PSY 202 Developmental Psychology - Adolescence

ASL 103 American Sign Language III **-or-** CHI 103 Intermediate Chinese I **-or-** FRE 103

Intermediate French I **-or-** GER 103 Intermediate German I **-or-** ITA 103 Intermediate

Italian I **-or-** JPN 103 Intermediate Japanese I **-or-** SPA 103 Intermediate Spanish I **-or-**

four years of the same foreign language completed at the high school level

ADOLESCENCE EDUCATION (GRADES 7-12): PHYSICS

Recommended MCC degree: A.S. Liberal Arts and Sciences: Adolescence Education **-or-** A.S. Liberal Arts and Sciences: Physics including the following courses:

PHY 161 University Physics I

PHY 261 University Physics II

PHY 262 Modern Physics

BIO 120 Essentials of Life Science **-or-** BIO 132/133 Human Biology **-or-** BIO 134 Human

Anatomy and Physiology I **-or-** BIO 155 General Biology I **-or-** BI 156 General Biology II

CHE 151 General College Chemistry I

CHE 152 General College Chemistry II

GEO 101 Introduction to Geology I (Physical) **-or-** GEO 102 Historical Geology

MTH 210 Calculus I

MTH 211 Calculus II

PSY 101 Introductory Psychology -or- PSY 201 Developmental Psychology - Child

PSY 202 Developmental Psychology – Adolescence

ASL 103 American Sign Language III -or- CHI 103 Intermediate Chinese I -or- FRE 103

Intermediate French I -or- GER 103 Intermediate German I -or- ITA 103 Intermediate

Italian I -or- JPN 103 Intermediate Japanese I -or- SPA 103 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 MCC degree: A.S. Liberal Arts and Sciences: Adolescence Education -or- A.A.

Liberal Arts and Sciences: Humanities and Social Science including the following courses:

ANT 102 Cultural Anthropology

ECO 111 Principles of Microeconomics -or- ECO 112 Principles of Macroeconomics

HIS 111 United States History I to 1865 -or- HIS 112 United States History II since 1865

HIS 113 Western Civilization I -or- HIS 114 Western Civilization II

POS 102 American National Government -or- POS 210 Introduction to Political Thought

PSY 101 Introductory Psychology

PSY 202 Developmental Psychology - Adolescence

SOC 101 Introduction to Sociology

SPC 142 Public Speaking

ASL 103 American Sign Language III -or- CHI 103 Intermediate Chinese I -or- FRE 103

Intermediate French I -or- GER 103 Intermediate German I -or- ITA 103 Intermediate

Italian I -or- JPN 103 Intermediate Japanese I -or- SPA 103 Intermediate Spanish I -or-

four years of the same foreign language completed at the high school level

ADOLESCENCE EDUCATION (GRADES 5-12): SPANISH

Recommended MCC degree: A.S. Liberal Arts and Sciences: Adolescence Education -or- A.A.

Liberal Arts and Sciences: Humanities and Social Science including the following courses:

SPA 104 Intermediate Spanish II

SPA 205 Advanced Conversational Spanish I (recommended, not required)

SPA 206 Advanced Conversational Spanish II (recommended, not required)

ART 118 Perspectives Art History I: Ancient -or- ART 119 Perspectives Art History II: Modern

PSY 202 Developmental Psychology - Adolescence

SPC 142 Public Speaking