

Student Name: _____	P#: _____
Date Admitted: _____	Advisor: _____

Middle and Secondary Mathematics Education Grades 7-12 with 5-6 Extension

Advisement Guide

Education Program:

- All Education courses must be completed with a numeric grade of **2.0** or higher with a minimum **2.75** GPA in the Education major
- All students enrolled in the Secondary Mathematics Education Program must also be a Math major.

Mathematics Major:

- 33 Mathematics credits plus three credits in Probability & Statistics and three credits in Applied Combinatorics are required.
- The Mathematics Major must be completed with a minimum **2.5** GPA or higher
- Contact the Mathematics Department to declare the Mathematics major, be assigned a Mathematics Department advisor and select appropriate courses.

<u>Date Planned</u>	<u>Date Completed</u>	<u>Grade</u>
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_____	_____	_____ 3 cr. - EDLS 349 Introduction to Middle and Secondary Education
_____	_____	_____ 3 cr. - SECD 316 @Technology and Media in Middle and Secondary Mathematics (Fall Only)
_____	_____	_____ 3 cr. - SECD 356 @Reading in the Middle and Secondary Schools
_____	_____	_____ 3 cr. - SECD 357 @Writing in the Middle and Secondary Schools (Prereq. SECD 356)
_____	_____	_____ 3 cr. - EDLS 315 Teaching Students with Special Needs, Gr. 5-12

The following **two** courses **MUST** be taken concurrently:

_____	_____	_____ 3 cr. - SECD 370 @Teaching Mathematics in the Middle School- (Spring Only)
_____	_____	_____ 2 cr. - SECD 390 @Practicum in the Middle School Mathematics- (Spring Only)

The following **two** courses **MUST** be taken concurrently:

_____	_____	_____ 3 cr. - SECD 470 @Teaching Mathematics in the Secondary School- (Fall Only) (Prereq. SECD 370, SECD 356, PSYC 321, PSYC 350)
_____	_____	_____ 2 cr. - SECD 490 @Practicum in the Secondary School Mathematics- (Fall Only)

Student Teaching Semester: The following courses **MUST** be taken concurrently:

_____	_____	_____ 2 cr. - EDLS 421 Seminar in Middle/Junior and Secondary Education
_____	_____	_____ 6 cr. - SECD 455 @Student Teaching in the Middle/Junior High School (SI)
_____	_____	_____ 6 cr. - SECD 456 @Student Teaching in the Senior High School (SI)

Cognate Requirements: All cognate courses must be completed with a **2.0 or higher**.

<u>Date Planned</u>	<u>Date Completed</u>	<u>Grade</u>
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| <u> </u> | <u> </u> | <u> </u> | 4 cr. - COMP 101 - Writing and Critical Thinking (FW) |
| <u> </u> | <u> </u> | <u> </u> | 3 cr. - Select an elective from:
Composition (COMP)
Linguistics (LNGS)
Literature (LITR) |
| <u> </u> | <u> </u> | <u> </u> | 2 cr. - HLTH 230 - School Health (CA, SAVE) - Includes the Workshops on Identification and Reporting of Child Abuse and Maltreatment and Schools Against Violence in Education (SAVE) |
| <u> </u> | <u> </u> | <u> </u> | 3 cr. – MATH 425 – Applied Combinatorics |
| <u> </u> | <u> </u> | <u> </u> | 3 cr. - Select one of the following:
MATH 125 Probability and Statistics I (FM)
MATH 461 Probability and Mathematical Statistics |
| <u> </u> | <u> </u> | <u> </u> | 3 cr. - Select one of the following:
MATH 404 - Elements of Geometry
MATH 553 - Concepts of Geometry |
| <u>Take the following two courses prior to SECD 470 & SECD 490</u> | | | |
| <u> </u> | <u> </u> | <u> </u> | 3 cr. - PSYC 321 - Psychology of Adolescence (SA) |
| <u> </u> | <u> </u> | <u> </u> | 3 cr. - PSYC 350 - Educational Psychology |
| <u> </u> | <u> </u> | <u> </u> | 0-9 cr. - <u>Modern Language (ML)</u> - to meet the College requirement |
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Recommended Elective (as available):

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| <u> </u> | <u> </u> | <u> </u> | 3 cr. – MATH 130 Mathematical Origins |
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Note – Every student at SUNY Potsdam is required to complete the College’s General Education Program, which may include courses in addition to those in the Education Program.

<u>New York State Teacher Certification Exams:</u>	Required for Initial Certification
<u> </u>	Liberal Arts & Sciences Test (LAST)
<u> </u>	Content Specialty Test - Mathematics (CST)
<u> </u>	Assessment of Teaching Skills-Written (ATS-W)

Secondary Mathematics Education – Gates

CRITERIA	STANDARD
Initial admission (required minimum overall GPA)	2.00
Education courses (required minimum grades)	2.00
Arts & Sciences major courses (required minimum grades)	2.00
Required and cognate courses (minimum grades needed)	2.00
Education major (minimum GPA required prior to student teaching)	2.75
Arts & Sciences major (minimum GPA required prior to student teaching)	2.50
Second level/gate (required minimum overall GPA)	2.50
Education credit hours when full admit/second gate becomes effective	6 cr. hrs.

Professional Dispositions Rating Scale

9/08

Department of Secondary Education

Key to Ratings:
 0 – unacceptable
 1 – minimally meets expectations
 2 – meets expectations
 3 – exceeds expectations

Category	Performance Indicators	Ratings			
		0	1	2	3
Demonstrates value of content discipline	<i>Expands discipline-specific, professional, and personal reading practices</i>				
	<i>Exhibits consistent enthusiasm for varied areas within the content discipline</i>				
Works well with others	<i>Works collaboratively in groups or teams</i>				
	<i>Models positive listening skills</i>				
Takes responsibility	<i>Follows directions; follows through on responsibilities and tasks</i>				
	<i>Seeks, accepts, and acts upon constructive feedback</i>				
	<i>Completes work in a timely fashion</i>				
Fosters positive relationships	<i>Models effective interpersonal behaviors and communication</i>				
	<i>Engages in positive interactions with faculty and peers</i>				
	<i>Seeks to solve problems</i>				
Behaves in a professional manner	<i>Is punctual, attending class sessions consistently and regularly</i>				
	<i>Respects confidentiality</i>				
	<i>Presents self in a personable and professional manner</i>				
	<i>Uses effective and appropriate spoken and written English</i>				
Maintains a high level of competence and integrity	<i>Exhibits interest in, and enthusiasm for, the learning process</i>				
	<i>Adheres to the SUNY Potsdam Academic Honor Code</i>				
	<i>Is prepared and contributes to class discussion</i>				
Willing to take risks and be flexible; shows comfort with uncertainty	<i>Adapts to changes in schedules</i>				
	<i>Shows self-direction in completing work</i>				
Recognizes and respects diversity	<i>Responds appropriately to diverse opinions</i>				
	<i>Creates a climate of inclusion</i>				