

Student Name: \_\_\_\_\_ P#: \_\_\_\_\_

Date Admitted & GPA: \_\_\_\_\_ Advisor: \_\_\_\_\_

**Adolescence Education: Mathematics**  
**Grades 7-12 with 5-6 Extension**  
 Advisement Guide

**Education Program:**

- An overall GPA of 3.0 (or 83% from high school) is required for full admission to the Adolescence Mathematics Education program.
- All Education courses must be completed with a numeric grade of **2.7** or higher, with a minimum **3.0** GPA in the Education major.
- The Middle/Secondary Mathematics Education program is a *second major only*; enrolled students must have a first major in Mathematics.

**Mathematics Major:**

- 33 Mathematics credits plus three credits in Probability & Statistics and three credits in Applied Combinatorics are required; students will take a Geometry course as their upper division elective.
- The Mathematics Major must be completed with a minimum **2.75** GPA or higher
- Contact the Mathematics Department to declare the Mathematics major, be assigned a Mathematics Department advisor and select appropriate courses for the first major.

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

*Note: Students are responsible for their own transportation during all field experiences. This includes any required field experience prior to Student Teaching, as well as the individual placements during Student Teaching.*

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

_____	_____	_____	3 cr. – SECD 370 @Teaching Mathematics in the Middle School <b>(Spring Only)</b>
_____	_____	_____	2 cr. – SECD 390 @Pre-Student Teaching Field Experience: Middle Mathematics: Grades 5-9 <b>(Spring Only)</b>

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

_____	_____	_____	3 cr. – SECD 470 @Teaching Mathematics in the Secondary School <b>(Fall Only)</b> (Prereq. SECD 370, SECD 356, PSYC 321, PSYC 350)
_____	_____	_____	2 cr. – SECD 490 @Pre-Student Teaching Field Experience: Secondary Mathematics: Grades 10-12 <b>(Fall Only)</b>

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

_____	_____	_____	6 cr. – SECD 455 @Student Teaching
_____	_____	_____	6 cr. – SECD 456 @Student Teaching
_____	_____	_____	2 cr. – EDLS 414 Student Teaching Seminar

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

<u>Date</u>	<u>Date</u>	<u>Grade</u>	
<u>Planned</u>	<u>Completed</u>	<u>Grade</u>	

<u>        </u>	<u>        </u>	<u>        </u>	3 cr. – <b><u>Select an elective from:</u></b> Composition (COMP) Linguistics (LNGS) Literature (LITR)
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<u>        </u>	<u>        </u>	<u>        </u>	3 cr. – PHTH 230 – School Health (CA, SAVE, DASA) (HW)
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<u>        </u>	<u>        </u>	<u>        </u>	3 cr. – MATH 425 – Applied Combinatorics
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<u>        </u>	<u>        </u>	<u>        </u>	3 cr. – Modern Language requirement of the college (CL)
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<u>        </u>	<u>        </u>	<u>        </u>	3 cr. – <b><u>Select one of the following:</u></b> MATH 125 – Probability and Statistics I MATH 461 – Probability and Mathematical Statistics
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<u>        </u>	<u>        </u>	<u>        </u>	3 cr. – <b><u>Select one of the following:</u></b> MATH 404 – Elements of Geometry MATH 553 – Concepts of Geometry
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**Take the following two courses prior to SECD 470 & SECD 490**

<u>        </u>	<u>        </u>	<u>        </u>	3 cr. – PSYC 321 – Psychology of Adolescence
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**Recommended Elective (as available):**

<u>        </u>	<u>        </u>	<u>        </u>	3 cr. – MATH 130 Mathematical Origins
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**Note:** Each 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.

**Note:** SUNY Potsdam graduate programs that will lead to Professional Certification: [Literacy](#), [Special Education](#), [Curriculum & Instruction](#) and [Educational Technology Specialist](#). Here is the [link](#) to apply.