

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

Middle and Secondary School Science Education Grades 7-12

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.
- Students pursuing the Secondary School Science Education program must complete an appropriate science major.

Select one of the following Science majors:

- Biology, Chemistry, Geology, or Physics
- The science major must be completed with a minimum **2.5 GPA**.
- Contact the Department Chair of the selected science major to declare that major, be assigned a science advisor and choose appropriate courses.

Date Planned	Date Completed	Grade	*All Cognates should be completed prior to or concurrently with Education Courses
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_____	_____	_____	3 cr. - SECD 472 - @Science Curricula, Programs, & Standards (Spring Only)
_____	_____	_____	3 cr. - SECD 356 - @Reading in the Middle & Secondary Schools
_____	_____	_____	3 cr. - EDLS 315 - Teaching Students with Special Needs, Gr. 5-12
_____	_____	_____	3 cr. - SECD 357 - @Writing in the Middle and Secondary Schools (Prereq. SECD 356)
_____	_____	_____	3 cr. - GRED 502 - @Issues in Science-Technology-Society (Fall Only)

The following **two** courses **MUST** be taken concurrently in the semester prior to Student Teaching:

_____	_____	_____	3 cr. - SECD 410 - @Middle or Secondary Science Field Experience (Coreq. SECD 372) (Fall Only)
_____	_____	_____	3 cr. - SECD 372 - @Science Instruction and Assessment, Grades 5-12 (Prerequisites: 9 SECD credits, including SECD 472 and 356) (Coreq. SECD 410) (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>	
_____	_____	_____	3 cr. - PSYC 100 - Introduction to Psychology or PSYC 220 Child Development
_____	_____	_____	3 cr. - PSYC 321 - Psychology of Adolescence (SA)
_____	_____	_____	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
_____	_____	_____	0-9 cr. - <u>Modern Language requirement of the college (ML)</u>
_____	_____	_____	
_____	_____	_____	

For Biology Majors: Must complete both of the following courses pending approval of the Education advisor.

_____	_____	_____	3 cr. - Physics
_____	_____	_____	3 cr. - Geology

For Chemistry Majors: Must complete both of the following courses pending approval of the Education advisor.

_____	_____	_____	3 cr. - Biology
_____	_____	_____	3 cr. - Geology

For Geology Majors: Must complete the three following courses pending approval of the Education advisor.

_____	_____	_____	3 cr. - Astronomy
_____	_____	_____	3 cr. - Meteorology
_____	_____	_____	3 cr. - Genetics

For Physics Majors: Must complete both of the following courses pending approval of the Education advisor.

_____	_____	_____	3 cr. - Biology
_____	_____	_____	3 cr. - Geology

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
_____	_____	_____	Liberal Arts & Sciences Test (LAST)
_____	_____	_____	Content Specialty Test (CST)
_____	_____	_____	Assessment of Teaching Skills Written (ATS-W)

Secondary and BA/MST Secondary Science Education - Gates

CRITERIA	STANDARD		
	Sci. U.G.	BA/MST Option A	BA/MST Option B
Initial minimum required GPA	2.00	2.75	2.75
Grades (minimum) required in education courses	2.00	2.30	2.30
Grades (minimum) required in Arts & Sciences major courses	2.00	2.30	2.30
Minimum grades needed in all required and cognate courses	2.00	2.30	2.30
Education Major GPA (minimum required prior to Student Teaching)	2.75	2.75	2.75
Arts & Sciences Major GPA minimum required prior to Student Teaching	2.50	2.75	2.75
Second level/gate Required minimum overall GPA	2.50	2.75	2.75
Education Cr. Hrs. when full admit/second gate becomes effective	6 cr. hrs.	6 cr. hrs.	6 cr. hrs.

9/08

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>				