

Student Name: _____ P#: _____

Date Admitted & GPA: _____ Advisor: _____

BA/MST Adolescence Education: Science- Option "A"
Certification in One High School Science Content Area with Middle School Extension
Grades 7-12 with 5-6 Extension
 Advisement Guide

**** IMPORTANT:** Initial entrance into the Adolescence Science Education program requires a **3.0 GPA** overall from a higher institution at the time of declaration OR an 83% average on high school transcripts if the major is declared before the start of the student’s freshman year of college.

Program:

- All courses in the science content area must be completed with a minimum of **2.0 or higher**, with a **2.75 GPA** in the Content Area (Biology, Chemistry, Geology, Physics)
- All Education courses must be completed with a numeric grade of **2.7 or higher** with a **3.0 GPA** in the Education major
- Students pursuing the BA/MST Secondary School Science Education Option "A" (certification in one High School science with a 5/6 extension) must complete an appropriate science major and a distribution in other science courses
- **2.75 overall GPA** required to remain in Adolescence Science Education.

Select one of the following majors:

- Biology, Chemistry, Geology, or Physics major.
- Contact the Department Chair of the selected science major to declare that major, be assigned a science advisor and select appropriate courses.

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.

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

_____	_____	_____	3 cr. - EDLS 349 - Introduction to Middle and Secondary Education Gr. 5-12
_____	_____	_____	3 cr. - SECD 472 - @Science Curricula, Programs & Standards (Spring Only)
_____	_____	_____	3 cr. - SECD 411 - @Pre-Student Teaching Field Experience 1: Teaching Science in Middle School: Grades 5-6 (Coreq. SECD 472) (Spring Only)
_____	_____	_____	3 cr. - SECD 356 - @Reading in the Middle & Secondary Schools
_____	_____	_____	3 cr. - EDLS 315 - Teaching Students with Special Needs, Gr. 5-12

Cognate Requirements: All cognate courses must be completed prior to beginning the graduate portion of the program. All cognate courses must be completed with a **2.0 or higher**

_____	_____	_____	3 cr. - PSYC 100 - Introduction to Psychology or PSYC 220 Child Development
_____	_____	_____	3 cr. - PSYC 321 - Psychology of Adolescence or GRED 677 - Development and Learning for teachers
_____	_____	_____	2 cr. - PHTH 230 - School Health (CA, SAVE, DASA) (HW)
_____	_____	_____	3 cr. - Modern Language requirement of the college (CL)

For Biology Majors: Major in Biology - 36 cr. **and**

_____	_____	_____	3 cr. - Physics - as advised
_____	_____	_____	3 cr. - Geology - as advised
_____	_____	_____	3 cr. - Astronomy
_____	_____	_____	3 cr. - Meteorology

For Chemistry Majors: Major in Chemistry - 33 cr. **and**
 _____ 3 cr. - Biology - as advised
 _____ 3 cr. - Geology - as advised
 _____ 3 cr. - Astronomy
 _____ 3 cr. - Meteorology

For Geology Majors: Major in Geology - 38 cr. **and**
 _____ 3 cr. - Biology - as advised
 _____ 3 cr. - Physics - as advised
 _____ 3 cr. - Astronomy
 _____ 3 cr. - Meteorology

For Physics Majors: Major in Physics - 31 cr. **and**
 _____ 3 cr. - Biology - as advised
 _____ 3 cr. - Geology - as advised
 _____ 3 cr. - Astronomy
 _____ 3 cr. - Meteorology

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Graduate
Summer

_____ 3 cr. - GRED 557 - @Writing in the Middle and Secondary School
 _____ 3 cr. - IT Elective: IT 514- @Computer Applications for Content Area Teaching
 IT 614- @Technology in Education
 IT 621- Authoring and Scripting for Multimedia
 _____ 3 cr. - GRED 555 Classroom Management/Leadership Middle and Secondary School

Fall

_____ 3 cr. - GRED 502 - @Issues in Science-Technology-Society
 _____ 3 cr. - GRED 501 - @Seminar: Teaching in the Secondary School
 _____ 3 cr. - GRED 675 - @Secondary Science Teaching Research
 _____ 3 cr. - GRED 571 - @Science Education Instruction in Secondary Schools
 _____ 3 cr. - GRED 673 - @Pre-Student Teaching Field Experience: Secondary Science:
 Grades 7-12

Culminating Experience

_____ 3 cr. - GRED 670 - Culminating Experience - under advisement of Education Advisor

Spring
Student Teaching

Note: Students MUST apply to Student Teach TWO full semesters prior to the intended Student Teaching semester.

_____ 6 cr. - GRED 694 - @Student Teaching
 _____ 6 cr. - GRED 697 - @Student Teaching
 _____ 2 cr. - GRED 676 - @Student Teaching Seminar

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.