

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 ( <b>Spring Only</b> )
_____	_____	_____	3 cr. - SECD 411 - @Pre-Student Teaching Field Experience 1: Teaching Science in Middle School: Grades 5-6 (Coreq. SECD 472) ( <b>Spring Only</b> )
_____	_____	_____	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 <b>or</b> PSYC 220 Child Development
_____	_____	_____	3 cr. - PSYC 321 - Psychology of Adolescence <b>or</b> GRED 677 - Development and Learning for teachers
_____	_____	_____	2 cr. - HLTH 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: Middle/Junior High (5-9)  
 \_\_\_\_\_ 6 cr. - GRED 697 - @Student Teaching: Senior High School (10-12) (Major Discipline)  
 \_\_\_\_\_ 2 cr. - GRED 676 - @Student Teaching Seminar: Policies & Practice in American  
 Education

**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.