

Student Name: _____ P#: _____

Date Admitted & GPA: _____ Advisor: _____

**BA/MST Adolescence Education: Science- Option "B"
Certification in Two High School Science Content Areas**

(Biology & Chemistry, or Biology & Physics, or Biology & Earth Science, or Chemistry & Physics, or
Chemistry & Earth Science, or Physics & Earth Science)

Grades 7-12

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 "B" (for dual certification in two sciences) must complete an appropriate science major and minor.
- **2.75 overall GPA** required to remain in Adolescence Science Education.

Select one of the following majors and minor:

- Biology, Chemistry, Geology, or Physics major; and minor in a second science.
- 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.

Date Planned	Date Completed	Grade
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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 410 - @ Pre-Student Teaching Field Experience 1: Teaching Science in Middle School: Grades 7-9 (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
_____	_____	_____	Minor in Chemistry - 22 cr. or
_____	_____	_____	Minor in Physics - 19 cr. or
_____	_____	_____	Minor in Geology- 19 cr. + (for Certification in Earth Science) Astronomy 3cr + Meteorology 3 cr. = 25 cr

For Chemistry Majors:

_____	_____	_____	Major in Chemistry - 33 cr. and
_____	_____	_____	Minor in Biology - 23 cr. or
_____	_____	_____	Minor in Physics - 19 cr. or
_____	_____	_____	Minor in Geology- 19 cr. + (for Certification in Earth Science) Astronomy 3 cr. + Meteorology 3 cr. = 25 cr.

For Geology Majors:

_____	_____	_____	Major in Geology (for Certification in Earth Science) - 38 cr. and
_____	_____	_____	Minor in Chemistry - 22 cr. or
_____	_____	_____	Minor in Physics - 19 cr. or
_____	_____	_____	Minor in Biology - 23 cr.

For Physics Majors:

_____	_____	_____	Major in Physics - 31 cr. and
_____	_____	_____	Minor in Chemistry - 22 cr. or
_____	_____	_____	Minor in Biology - 23 cr. or
_____	_____	_____	Minor in Geology- 19 cr. + (for Certification in Earth Science) Astronomy 3cr + Meteorology 3 cr. = 25 cr

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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
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**Spring
Student Teaching**

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

_____	_____	_____	6 cr. - GRED 692 - @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.