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 and 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.

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<th>Date Planned</th>
<th>Date Completed</th>
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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 - @Middle School Science Field Experience (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. - HLTH 230 - School Health (CA, SAVE, DASA)
- 0-9 cr. - **Modern Language requirement of the college (ML)**

**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

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 - @Secondary Science Field Work

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.