

# Liberal Arts & Sciences: Adolescence Education (Chemistry Transfer Advising Guide)

## Associate in Science Degree

This program is the first step for students seeking teacher certification. The program is appropriate for Adolescent Education (grades 7-12). In order to earn teacher certification, students must transfer and complete an appropriate bachelor's and master's degree. As part of the first two years of that process, students in this program complete all ten of the general education areas required by SUNY for a bachelor's degree. They complete six credit hours of professional courses (ED150, and PY212), which include at least thirty hours of classroom observation. (Students complete 15-18 credit hours in their concentration (Mathematics, English, History/Social studies, Biology, Physics, Geology, or Chemistry). Specific courses taken depend on the area of concentration, the type of certification being sought, and the transfer institution. It is important for students to contact the school to which they may transfer in order to plan their curriculum. In some cases, it may require careful planning for students to complete a bachelor's degree in four years.

### Total Credit Hours: 62

#### First Semester

CF100 College Foundations Seminar	1.0
EN101 English 1: Composition	3.0
CH141 General Chemistry 1	4.0
ED150 Soc/Philos Foundations of Educ	3.0
Foreign Language Elective (a)	3.0
Physical Education Elective	0.5

#### Second Semester

CH142 General Chemistry 2	4.0
EN102 English 2:Idea&Values Lit	3.0
PY101 Intro General Psychology	3.0
History Elective (e)	3.0
Foreign Language Elective (b)	3.0
Physical Education Elective	0.5

#### Third Semester

CH247 Organic Chemistry 1	5.0
HI101 History of Civ 1	3.0
MA151 Calculus 1	4.0
Fine Arts Elective (c)	3.0
Physical Education Elective	0.5

#### Fourth Semester

CH248 Organic Chemistry 2	5.0
MA152 Calculus 2	4.0
PY212 Adolescent Psychology	3.0
Literature Elective (d)	3.0
Physical Education Elective	0.5

allows students to take one semester of that language at a level of 191 (Review) or higher to satisfy this requirement.

(b) In the case where students are exempt from the language requirement, the language credits must be replaced with courses approved by an advisor. Those attending Utica University must select ED206 Language & Literacy in Childhood as their replacement course.

(c) Fine Arts: HU187, HU204, OR HU205.

(d) Literature Electives: EN248, EN249, EN255, EN256, EN271, EN272.

(e) History Electives: HI111 American History 1492 - 1850 OR HI112 American History 1850 - Present.

MA110 is required except for students interested in Math, Chemistry, and Physics (refer to your specific area of study).

\*Students are required to earn a minimum grade of "C" in these courses to meet the graduation requirements.

(a) The language requirement consists of a two-course sequence in the same foreign language. American Sign Language counts as a foreign language in education programs within the SUNY system. Regents level 4 foreign language in high school (or level 3 with a score of 90 or better)