

Jointly Registered Teacher Education Program with SUNY New Paltz/Mathematics and Science (A.S.)

LIBERAL ARTS & SCIENCE: ADOLESCENCE EDUCATION

Chemistry Concentration

Curriculum Code 1634

Semester Hours Required for Graduation: 64

PROGRAM GOALS:

1. Assist students in making a realistic decision regarding teaching as a career.
2. Understand the opportunities and challenges facing the teaching profession today.
3. Provide students with a strong liberal arts background to aid in the success in passing state certification exam.
4. Successfully transfer to a four-year teacher education program, either public or private.
5. Increase students' awareness of NYS teacher certification requirements and mandated training courses in Child Abuse, SAVE and DASA.

PROGRAM LEARNING OUTCOMES:

- Interpret developmental theories to understand the learning and behavior of children and adolescents.
- Collect and analyze personal data to develop an accurate awareness of one's potential to become a teacher.
- Demonstrate ability to effectively instruct basic mathematics.
- Analyze and interpret trends in classroom practices.
- Draw conclusions about particular students' cultural and group differences to improve classroom practice.

- Demonstrate use of creativity and the arts as teaching tools.
- Develop one's personal philosophy of education based on readings, research, and class assignments.
- Construct basic lesson plans.
- Show ability to articulate clearly to elicit information, describe developmental stages, and write effective reports.

ACADEMIC PREPARATION:

It is highly recommended that the following criteria be met to begin this program, and it is **REQUIRED** by the completion of 24 credits:

Acceptance into the program is determined by the following criteria: 12th-grade reading level is required (readiness to begin EN 101 – Composition) and college-level proficiency on the Math Placement Test.

NOTE: A grade of "B" or higher in EN 101 and EN 102 is required to successfully transfer these credits to SUNY New Paltz.

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SUGGESTED COURSE SEQUENCE

1st Semester

EN 101	Composition	3
CH 101	General Chemistry I	4
MA 122	Calculus I	4
PY 101	General Psychology	3
HI 103	U.S. History 1492-1865 <i>or</i>	
HI 104	U.S. History 1865-Present	3
Total		17

2nd Semester

EN 102	Composition & Literature	3
CH 102	General Chemistry II	4
MA 123	Calculus II	4
SC ELE	Lab Science Elective	3
ED 101	Foundations of Education	3
Total		17

3rd Semester

CH 201	Organic Chemistry I	4
PY 205	Child & Adolescence Psychology	3
Foreign Language I (FR, IT, SA, SN)		3
HU ELE	Humanities Elective (The Arts)	3
HI 101	Western Civilization 13,000 BCE to 1517 CE <i>or</i>	
HI 102	Western Civilization 1517 to Present	3
Total		16

4th Semester

CH 202	Organic Chemistry II	4
GE 101	Physical Geology	4
Foreign Language II (FR, IT, SA, SN)		3
HI ELE	History Elective (Other World Civilizations Elective see page 72) <i>or</i>	
PL 103	Philosophy of Eastern Religion	3
Total		14

See page 119 for SUNY New Paltz completion sequence and appropriate certification option.