

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

LIBERAL ARTS & SCIENCE: CHILDHOOD EDUCATION

Biology Concentration

Curriculum Code 1614

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.

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SUGGESTED PROGRAM SEQUENCE

1st Semester

EN 101	Composition	3
BI 101	General Biology I	4
MA ELE	Mathematics Elective	3
PY 101	General Psychology	3
HI 103	U.S. History 1492-1865 <i>or</i>	
HI 104	U.S. History 1865-Present	3
Total		16

2nd Semester

EN 102	Composition & Literature	3
BI 102	General Biology II	4
SC ELE	Science Elective	3
PY 205	Child & Adolescence Psychology	3
ED 101	Foundations of Education	3
Total		16

3rd Semester

*BI ELE	Biology Elective	4
MA 105	Math for Elementary Teachers I	3
Foreign Language I (FR, IT, SA, SN)		3
ED 110	Education of Diverse Populations	3
HU ELE	Humanities Elective (The Arts)	3
Total		16

4th Semester

BI 103	General Ecology	4
Foreign Language II (FR, IT, SA, SN)		3
HI 101	Western Civilization 13,000 BCE to 1517 CE	
<i>or</i>		
HI 102	Western Civilization 1517 to Present	3
ED 201	Symbolic Representation	3
MA 114	Math for Elementary Teachers II	3
Total		16

*Recommend Genetics via Open SUNY or BI 210 General Microbiology at C-GCC.