

CENTRAL CONNECTICUT STATE UNIVERSITY
School of Education and Professional Studies
B.S.ED. ELEMENTARY EDUCATION 120 Credits
GENERAL SCIENCE with Specialization in Biology

Name: _____ ID#: _____ Matriculation Semester: _____ Date: _____

GENERAL EDUCATION (44-45 credits)

Crs.	Grd.
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Some General Education courses can also fulfill Related Requirements

STUDY AREAS

Study Area I Arts & Humanities (9 credits)

ENG literature	3	
	3	
	3	

Study Area II Social Sciences (9 credits)

	3	
	3	
	3	

Study Area III Behavioral Sciences (6 credits)

	3	
	3	

Study Area IV Natural Sciences (6 or 7 credits)

Course can be double-counted in major	X	X
Course can be double-counted in major	X	X

SKILL AREAS

Skill Area I Communication Skills (6 credits)

*WRT 105 & 105P or WRT 110 Freshman Composition	3	
	3	

Skill Area II Mathematics Requirement (6 credits)

	3	
	3	

Skill Area III Foreign Language Proficiency Requirement (check one)

- completion of a level-three high school foreign language	
- passed a standardized foreign language exam	
- completion of 112 or 114 foreign language course	
- successful completion of an upper level foreign language course	
- demonstration of native proficiency in a language other than English	

Skill Area IV University Requirement (2 or 3 credits)

PE 144 (required if matriculated with less than 15 credits)	2 or 3
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International Requirement	
International Requirement	
First Year Experience Requirement	
Equity, Justice, & Inclusion (EJI)	

*Prerequisite to the Professional Program, Grade of C or better required

All courses in the Professional Education Core require admission to the Professional Program and a grade of C or better.

GENERAL SCIENCE with Specialization in

Crs.	Grd.
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BIOLOGY (36 credits)

General Science Core (10-11 credits)

*SCI 211 Elementary Earth-Physical Sciences	3	
CHEM 161 General Chemistry	3	
CHEM 162 General Chemistry Laboratory	1	
PHYS 111 Intro. Physics I OR Phys 121 Gen. Physics I	3 or 4	

Choose Earth Science group A, B or C (7-8 credits)

(A) GSCI 129 Intro. to Meteorology AND AST 113 The Cosmos		
(B) GSCI 121 Dynamic Earth & GSCI 125 lab AND GSCI 141 Earth and Life History & GSCI 145 lab	3 or 4	
(C) GSCI 131 Environmental Geoscience & GSCI 135 lab AND GSCI 141 Earth and Life History & GSCI 145 lab	4	

Specialization in Biology (20-22 credits)

BIO 121 General Biology I	4	
BIO 122 General Biology II	4	
BIO 200 Integrative Biology	4	

BIO Electives (minimum of 5 credits to reach 36 credits in the major)

Biology elective(s) at the 300 or 400 level selected in consultation with the major advisor	3 or 4	
	3 or 4	
	3 or 4	

RELATED REQUIREMENTS (18 credits)

Required for the Program & can also fulfill General Education

*HIST 161 or HIST 162 American History (ST II)	3	
*PSY 136 Life Span Development (ST III)	3	
*EDEL 212 Foundations of Elem Education (ST III)	3	
*MATH 113 Structure of Math I: Number Systems (SK II)	3	
*MATH 213 Structure of Math II: Probability & Geo (SK II)	3	
*PSY 361 Psych. Of Early Childhd or PSY 362 Child Psych.	3	

ELEMENTARY PROFESSIONAL EDUCATION CORE (43 credits)

Grade of C or better required

EDEL 315 Principles of Learning: Elementary	3	
LLA 315 Comprehensive Reading Instruction I	3	
SPED 315 Intro. to Educating Learners with Exceptionalities	3	
FA 412 Fine Arts Across the Curriculum	3	
EDT 305 Educational Technology for Elementary	1	
EDEL 322 Effective Elementary Teaching I	3	
EDEL 415 Elementary Social Studies Methods	2	
LLA 316 Comprehensive Reading Instruction II	3	
EDT 415 Developing Instructional Materials	1	
EDEL 420 Effective Elementary Teaching II	3	
LLA 412 Literacy in the Elementary School	3	
MATH 412 Elementary Mathematics Methods	3	
SCI 412 Learning and Curriculum Studies in Science	2	
EDEL 431 Seminar: Leadership & Learning Communities	1	
EDEL 430 Elementary Student Teaching	9	