

**CENTRAL CONNECTICUT STATE UNIVERSITY**  
*School of Education and Professional Studies*  
**B.S.ED. ELEMENTARY EDUCATION 130 Credits**  
**DUAL SUBJECT MATTER PROGRAM: MATHEMATICS/EARTH SCIENCE**

Name: \_\_\_\_\_ ID#: \_\_\_\_\_ Matriculation Semester: \_\_\_\_\_ Date: \_\_\_\_\_

**GENERAL EDUCATION (44 - 46 credits)**

Crs.	Grd.
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**STUDY AREAS**

**Study Area I Arts & Humanities (9 credits)**

ENG literature	3	
	3	
	3	

**Study Area II Social Sciences (9 credits)**

*HIST 161 Am. Hist. to 1877 or HIST 162 Am. Hist 1877 to Present	3	
	3	
	3	

**Study Area III Behavioral Sciences (6 credits)**

*PSY 236 Life Span Development	3	
	3	

**Study Area IV Natural Sciences (6 or 7 credits)**

BIO 211 Concepts in Biology	3	
ESCI (double-counted in complementary area)	X	X

**SKILL AREAS**

**Skill Area I Communication Skills (6 credits)**

*ENG 110 Freshman Composition	3	
	3	

**Skill Area II Mathematics Requirement (6 credits)**

*MATH 113 (double-counted in primary area)	X	X
MATH 213 (double-counted in primary area)	X	X

**Skill Area III Foreign Language Proficiency Requirement (check one)**

- 3 sequential years of one foreign language at the high school level	
- 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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**RELATED REQUIREMENT (3 credits)**

*PSY 361 Psych. Of Early Childhood or PSY 362 Child Psych.	3
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**ELECTIVES (if necessary to reach 130 credits)**


International Requirement	met	
International Requirement	met	
First Year Experience Requirement	met	

**PRIMARY SUBJECT MATTER AREA**

Crs.	Grd.
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**MATHEMATICS (24 - 26 credits)**

*MATH 113 Structure of Math I: Number Systems	3	
MATH 213 Structure of Math II: Probability and Geometry	3	
MATH 305 Structure of Math III: Number Patterns	3	
MATH 306 Structure of Math IV: Dev. of Geometric Ideas	3	
STAT 215 Statistics for the Behavioral Sciences I	3	
MATH 409 Mathematics through Computers	3	
MATH 115 Trigonometry or MATH 119 Pre-Calc w/ Trig.	3 or 4	
MATH 125 Applied Calculus or MATH 152 Calculus I	3 or 4	

**COMPLEMENTARY SUBJECT MATTER AREA**

**EARTH SCIENCE (18 or 19 credits)**

ESCI 121 Physical Geology	4	
ESCI 129 Introduction to Meteorology	4	
ESCI 178 Planetary Astronomy	4	
A minimum of 6 credits from the following:	3 or 4	
ESCI 122, 179, 222, 278 or 424	3	

**PRE-PROFESSIONAL PROGRAM (5 credits)**

*EDTE 210 Ed. & Teacher Lead. in Diverse Learning Comm.	4	
*EDT 210 Introduction to Educational Technology	1	

**ELEMENTARY PROFESSIONAL EDUCATION CORE (44 credits)**

EDTE 315 Principles of Learning	4	
SPED 315 Intro. to Educating Learners with Exceptionalities	3	
RDG 315 Comprehensive Reading Instruction I	3	
EDTE 320 Practicum in Elementary Education I	1	
EDEL 322 Effective Elementary Teaching	3	
RDG 316 Comprehensive Reading Instruction II	3	
EDF 415 Educational Foundations	3	
EDT 415 Developing Instructional Materials	1	
SCI 412 Learning and Curriculum Studies in Science	2	
MATH 412 Elementary Mathematics Methods	3	
RDG 412 Literacy in the Elementary School	3	
FA 412 Fine Arts Across the Curriculum	3	
EDTE 420 Practicum in Elementary Education II	1	
EDEL 415 Elementary Social Studies Methods	1	
EDTE 430 Seminar: Leadership & Learning Communities	1	
EDEL 430 Elementary Student Teaching	9	

\*Prerequisite to the Professional Program