

**CENTRAL CONNECTICUT STATE UNIVERSITY**  
**School of Education and Professional Studies**  
**B.S.ED. ELEMENTARY EDUCATION 120 Credits**  
**MATHEMATICS**

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)**

	3	
	3	

**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)**

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

**SUBJECT MATTER MAJOR**

Crs.	Grd.
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**MATHEMATICS (33 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 Development of Mathematical Ideas	3	
MATH 409 Mathematics Through Computers	3	
STAT 215 Statistics for the Behavioral Sciences I	3	
MATH 152 Calculus I or MATH 125 Applied Calculus	3 or 4	
<i>11 - 12 cr to reach 33 cr in the major from the following:</i>		
MATH 110, 115, 116, 119, 120, 152 (if not taken above)	3	
211, 218, 221, 307, 344, STAT 216	3	
	3	

**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	
*EDF 215 Education in a Multicultural Society (ST III)	3	
*SCI 211 Elementary Earth-Physical Sciences (ST IV)	3	
*BIO 211 Concepts in Biology (ST IV)	3	
*PSY 361 Psych. Of Early Childhood 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	