Effective Fall 2015

CENTRAL CONNECTICUT STATE UNIVERSITY

School of Education and Professional Studies

B.S.ED. ELEMENTARY EDUCATION 130 Credits

MATHEMATICS

Name: ID#: Matriculation Semester: Date:

GENERAL EDUCATION (44 - 46 credits)	Crs.	Grd.
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 Presen	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	
SCI 111 Elementary Earth/Physical Science	3	
SKILL AREAS		
Skill Area I Communication Skills (6 credits)		
*ENG 105 or ENG 110 Freshman Composition	3	
	3	
Skill Area II Mathematics Requirement (6 credits)		
*MATH 113 (double-counted in major)	X	X
MATH 213 (double-counted in major)	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	
RELATED REQUIREMENT (3 credits)		
*PSY 361 Psych. Of Early Childhood or PSY 362 Child Psych.	3	
International Requirement		
International Requirement		
First Year Experience Requirement		

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

SUBJECT MATTER MAJOR	Crs.	Grd.
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 Mathmatics Through Computers	3	
STAT 215 Statistics for the Behavioral Sciences I	3	
MATH 152 Calculus I or MATH 125 Applied Calculus	3 or 4	
11 - 12 cr to reach 33 cr in the major from the following:		
MATH 110, 115, 116, 119, 120, 152 (if not taken above)		
211, 218, 221, 307, 344, STAT 216		
PRE-PROFESSIONAL PROGRAM (4 credits)		
*EDTE 210 Ed. & Teacher Lead. in Diverse Learning Comm.	3	
*EDT 210 Introduction to Educational Technology	1	
ELEMENTARY PROFESSIONAL EDUCATION CORE (45 credits)		
Grade of C or better required		
EDEL 315 Principles of Learning: Elementary	3	
SPED 315 Intro. to Educating Learners with Exceptionalities	3	
RDG 315 Comprehensive Reading Instruction I	3	
EDEL 322 Effective Elementary Teaching I	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	
EDEL 420 Effective Elementary Teaching II	3	
EDEL 415 Elementary Social Studies Methods	2	
EDTE 430 Seminar: Leadership & Learning Communities	1	
EDEL 430 Elementary Student Teaching	9	
ELECTIVES (if necessary to reach 130 credits)		

Last Revised Fall 2014