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

**Effective Fall 2018**

**Name:**  
**ID#:**  
**Matriculation Semester:**  
**Date:**

**GENERAL SCIENCE with Specialization in Earth Science** (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 Biology Group A or B (6-8 credits)**

(A) BIO 211 Concepts in Biology AND  
BIO 111 Intro Biology OR BIO 132 Intro Ecology 3 or 4

(B) BIO 121 General Biology I AND  
BIO 122 General Biology II 3 or 4

**Choose Earth Science Group A or B (15-16 credits)**

(A)  
AST 113 The Cosmos  
GSCI 129 Introduction to Meteorology  
GSCI 141 Earth and Life History & GSCI 145 lab 3 or 4

(B)  
GSCI 129 Introduction to Meteorology 4  
GSCI 141 Earth and Life History & GSCI 145 lab 4  
AST 208 Planetary Astronomy  
GSCI 121 & GSCI 125 OR GSCI 131 & GSCI 135 4

**EARTH SCIENCE (36 credits)**  
**Related Requirements (18 credits)**

**Required for the Program & can also fulfill General Education**

- *HIST 161 or HIST 162 American History (ST II) 3*
- *EDF 215 Education in a Multicultural Society (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*

**RELATED REQUIREMENTS (18 credits)**

- Electives at the 200-400 level 3 or 4

**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  
- GSCI/AST Electives as needed to reach 36 credits 3 or 4  
- 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 430 Seminar: Leadership & Learning Communities 1  
- LLA 412 Literacy in the Elementary School 3  
- EDEL 430 Elementary Student Teaching 9

**Study Areas**

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

- ENG literature 3
- GSCI Electives as needed to reach 36 credits

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

- BIO 211 Concepts in Biology AND  
BIO 111 Intro Biology OR BIO 132 Intro Ecology 3 or 4
- BIO 121 General Biology I AND  
BIO 122 General Biology II 3 or 4

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

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

**Skill Areas**

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

- *WRT 105 & 105P or WRT 110 Freshman Composition 3*
- Electives at the 200-400 level 3 or 4

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

- Electives at the 200-400 level 3 or 4

**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

International Requirement

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First Year Experience Requirement

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

Last Revised Fall 2017