

**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. |
|------|------|

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

**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          |  |
| 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. |
|------|------|

**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 |  |
| *EDEL 212 Foundations in Elem Education (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 |  |