

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)

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|--|--|
| - 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 | |

*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 | |
| *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

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|---|---|--|
| 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 | |
| EDTE 430 Seminar: Leadership & Learning Communities | 1 | |
| EDEL 430 Elementary Student Teaching | 9 | |