

# SECONDARY EDUCATION MAJOR (DONE IN CONJUNCTION WITH BIOLOGY, CHEMISTRY OR MATH MAJOR)

Students who complete this Secondary Education major and the BA in Mathematics (together with other state requirements) are eligible to apply for a Minnesota teaching license for Mathematics (Grades 5 through 12). Students who complete this Secondary Education major and the BA in Biology (together with other state requirements) are eligible to apply for a Minnesota teaching license for Life Science (Grades 9 through 12). Students who complete this Secondary Education major and the BA in Chemistry (together with other state requirements) are eligible to apply for a Minnesota teaching license for Chemistry (Grades 9 through 12).

## General Education Requirements

All degree seeking undergraduate students must complete the general education (<http://catalog.csp.edu/undergraduate/academic-information/general-education-requirements/>) requirements.

| Code   | Title  | Credits      |
|--|--|--------------|
| <b>Required</b>                                  |  |              |
| ED 201   | Foundations of and Introduction to Education | 3            |
| ED 330   | Human Diversity and Relations                | 2            |
| ED 336   | Educational Psychology                       | 3            |
| ED 344   | The Effective Teacher                        | 3            |
| ED 371   | Teaching Practicum                           | 3            |
| ED 439   | The Inclusive Classroom                      | 2            |
| ED 470   | Health Education for Teachers                | 2            |
| ED 487   | Reading Across the Content Areas             | 3            |
| ED 472   | Student Teaching                             | 15           |
| <b>Choose specialty course(s)</b>                |  | <b>2-5</b>   |
| For 5-12 Math: <sup>1</sup>                      |  |              |
| ED 475   | Teaching 5-8 Mathematics (1)                 |              |
| ED 351   | Teaching Grades 9-12 Mathematics (4)         |              |
| For 9-12 Chemistry or Life Science: <sup>2</sup> |  |              |
| ED 353   | Teaching Grades 9-12 Science (2)             |              |
| <b>Total Credits</b>                             |  | <b>38-41</b> |

<sup>1</sup> Done in conjunction with Math major for 5-12 Math Education.

<sup>2</sup> Done in conjunction with Chemistry major for 5-12 Chemistry Education.

Done in conjunction with Biology major for 5-12 Life Science Education.

Each state has different requirements for professional licensure and certifications. CSP's educator preparation programs are designed specifically to prepare students for licensure in Minnesota, but are not approved by any other state licensing boards for licensure in those states. CSP is unable to determine whether its teacher

preparation programs would meet the educational requirements for licensure in other states. #Students who want to work in a state other than Minnesota should contact the state licensing board in their state before enrolling in the program.##Please see the contact information for teacher licensing boards here (<https://publish.smartsheet.com/4dfcb6a0284545ee895980a8c8b71432/>).

| Code                       | Title  | Credits   |
|----------------------------|--|-----------|
| <b>Math Licensure Core</b> |  |           |
| MAT 135                    | Calculus I                                   | 4         |
| MAT 146                    | Calculus II                                  | 4         |
| MAT 220                    | Discrete Mathematics                         | 3         |
| MAT 255                    | Calculus III                                 | 4         |
| MAT 305                    | Foundations of Geometry                      | 3         |
| MAT 330                    | Advanced Probability and Statistics          | 4         |
| MAT 375                    | Differential Equations and Linear Algebra    | 4         |
| MAT 450                    | Abstract Algebra                             | 4         |
| CSC 210                    | Microsoft Excel Core                         | 4         |
| ED 201                     | Foundations of and Introduction to Education | 3         |
| ED 336                     | Educational Psychology                       | 3         |
| ED 330                     | Human Diversity and Relations                | 2         |
| ED 439                     | The Inclusive Classroom                      | 2         |
| ED 487                     | Reading Across the Content Areas             | 3         |
| ED 470                     | Health Education for Teachers                | 2         |
| ED 344                     | The Effective Teacher                        | 3         |
| ED 475                     | Teaching 5-8 Mathematics                     | 1         |
| ED 351                     | Teaching Grades 9-12 Mathematics             | 4         |
| ED 371                     | Teaching Practicum                           | 3         |
| ED 472                     | Student Teaching                             | 6         |
| <b>Total Credits</b>       |  | <b>66</b> |

| Code                            | Title  | Credits   |
|---------------------------------|--|-----------|
| <b>Chemistry Licensure Core</b> |  |           |
| CHE 115                         | General Chemistry I                          | 4         |
| CHE 116                         | General Chemistry II                         | 4         |
| CHE 221                         | Organic Chemistry I                          | 4         |
| CHE 222                         | Organic Chemistry II                         | 4         |
| CHE 326                         | Analytical Chemistry I                       | 4         |
| CHE 328                         | Biochemistry I                               | 4         |
| ED 201                          | Foundations of and Introduction to Education | 3         |
| ED 336                          | Educational Psychology                       | 3         |
| ED 330                          | Human Diversity and Relations                | 2         |
| ED 439                          | The Inclusive Classroom                      | 2         |
| ED 487                          | Reading Across the Content Areas             | 3         |
| ED 470                          | Health Education for Teachers                | 2         |
| ED 344                          | The Effective Teacher                        | 3         |
| ED 353                          | Teaching Grades 9-12 Science                 | 2         |
| ED 371                          | Teaching Practicum                           | 3         |
| ED 472                          | Student Teaching                             | 6         |
| <b>Total Credits</b>            |  | <b>53</b> |

| <b>Code</b>                 | <b>Title</b>                                 | <b>Credits</b> |
|-----------------------------|--|----------------|
| Required General Education  |  |                |
| BIO 120                     | General Biology I                            | 4              |
| Life Science Licensure Core |  |                |
| BIO 130                     | General Biology II                           | 4              |
| BIO 210                     | Genetics                                     | 4              |
| BIO 300                     | Microbiology                                 | 4              |
| BIO 330                     | Cell Biology                                 | 4              |
| ED 201                      | Foundations of and Introduction to Education | 3              |
| ED 336                      | Educational Psychology                       | 3              |
| ED 330                      | Human Diversity and Relations                | 2              |
| ED 439                      | The Inclusive Classroom                      | 2              |
| ED 487                      | Reading Across the Content Areas             | 3              |
| ED 470                      | Health Education for Teachers                | 2              |
| ED 344                      | The Effective Teacher                        | 3              |
| ED 353                      | Teaching Grades 9-12 Science                 | 2              |
| ED 371                      | Teaching Practicum                           | 3              |
| ED 472                      | Student Teaching                             | 6              |
| <b>Total Credits</b>        |  | <b>49</b>      |