

**Adolescent/Young Adult Integrated Mathematics**  
**Major: Mathematics**

|                                             |                                            | <b>Cr.<br/>Hrs.</b> | <b>Semester<br/>Completed</b> | <b>Grade</b> |
|---------------------------------------------|--------------------------------------------|---------------------|-------------------------------|--------------|
| <b>Core Mathematics</b>                     |                                            | <b>34</b>           |                               |              |
| Math 125                                    | Calculus I                                 | 4                   |                               |              |
| Math 224                                    | Calculus II                                | 4                   |                               |              |
| Math 225                                    | Calculus III                               | 4                   |                               |              |
| Math 223                                    | Intermediate Statistics                    | 3                   |                               |              |
| Math 301                                    | Foundations of Mathematics                 | 3                   |                               |              |
| Math 302                                    | Differential Equations                     | 3                   |                               |              |
| Math 346                                    | Concepts of Geometry                       | 3                   |                               |              |
| Math 401                                    | Mathematics Seminar                        | 1                   |                               |              |
| Math 453                                    | Abstract Algebra                           | 3                   |                               |              |
| CSCI 115                                    | Computer Programming I                     | 3                   |                               |              |
| Educ 494                                    | Geometric Concepts and Measurement         | 3                   |                               |              |
| <b>Additional Mathematics Major Courses</b> |                                            | <b>13</b>           |                               |              |
| Math 304                                    | Linear Algebra                             | 3                   |                               |              |
| Math 451                                    | Advanced Calculus                          | 3                   |                               |              |
| Math 402                                    | Senior Project                             | 1                   |                               |              |
|                                             | Any 2 courses numbered 300 level or higher | 6                   |                               |              |
| <b>Professional Education Courses</b>       |                                            | <b>36</b>           |                               |              |
| Educ 110                                    | Principles of Education                    | 3                   |                               |              |
| Edcc 151                                    | Initial Field Experience                   | 1                   |                               |              |
| Educ 130                                    | Technology in the Classroom                | 3                   |                               |              |
| Educ 253/251                                | Diverse Learners / Field Experience        | 3/1                 |                               |              |
| Educ 360                                    | Reading in the Content Area                | 3                   |                               |              |
| Educ 423                                    | General Methods                            | 3                   |                               |              |
| Educ 455/451                                | Mathematics Mehtods/Field Experience       | 3/1                 |                               |              |
| Educ 452                                    | Culture and Gender Issues                  | 3                   |                               |              |
| Educ 480                                    | AYA Student Teaching                       | 12                  |                               |              |

Advisor Sign Off Record:

|  |  |      |
|--|--|------|
|  |  | Date |
|  |  | Date |
|  |  | Date |
|  |  | Date |
|  |  | Date |