



## Mathematics (EX)

Secondary

### MAJOR

| Course No.                     | Course Title  | Credit Hours | Term/Equivalent Course & School | Grade |
|--------------------------------|---|--------------|---------------------------------|-------|
| MTH 1410                       | Analytic Geometry and Calculus I  | 4            |                                 |       |
| MTH 1420                       | Analytic Geometry and Calculus II   | 4            |                                 |       |
| MTH 2410                       | Analytic Geometry and Calculus III  | 4            |                                 |       |
| MTH 2760                       | Discrete Structures   | 3            |                                 |       |
| MTH 3060                       | Mathematical Thinking   | 3            |                                 |       |
| MED 4820                       | Linear Algebra for Teachers   | 3            |                                 |       |
| MTH 4050                       | Abstract Algebra I  | 3            |                                 |       |
| MED 4830                       | Fundamental Concepts of Geometry  | 3            |                                 |       |
| MED 4840                       | History of Mathematics  | 3            |                                 |       |
| MED 4850                       | Probability and Statistics for Teachers   | 3            |                                 |       |
| MTH elective (choose 1)        | MTH 4590 Mathematical Modeling MTH 4150 Theory of Numbers MTH 4600 Graph Theory MTH 3050 Mathematics of Finance | 3            |                                 |       |
| <b>Total Credits Required:</b> |   | <b>36</b>    | <b>GPA:</b>                     |       |

This sheet lists the major and minor endorsement requirements for secondary teacher certification. The requirements for the BS or BA in Mathematics may be different from the requirements for certification. Therefore work with your advisor in the Mathematics Department to make sure that you are completing all of the requirements for your Mathematics degree.

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## Mathematics (EX)

Secondary

### MINOR

| Course No.                     | Course Title                            | Credit Hours | Term/Equivalent Course & School | Grade |
|--------------------------------|---|--------------|---------------------------------|-------|
| MTH 1410                       | Analytic Geometry and Calculus I        | 4            |                                 |       |
| MTH 1420                       | Analytic Geometry and Calculus II       | 4            |                                 |       |
| MTH 3060                       | Mathematical Thinking                   | 3            |                                 |       |
| MED 4820                       | Linear Algebra for Teachers             | 3            |                                 |       |
| MED 4830                       | Fundamental Concepts of Geometry        | 3            |                                 |       |
| MED 4840                       | History of Mathematics                  | 3            |                                 |       |
| MED 4850                       | Probability and Statistics for Teachers | 3            |                                 |       |
| <b>Total Credits Required:</b> |   | <b>23</b>    | <b>GPA:</b>                     |       |