

# MATHEMATICS MAJOR WITH SECONDARY EDUCATION LICENSURE

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## Requirements

Along with specific requirements for any major, all students in the Bachelor of Arts and Bachelor of Science degree programs must meet all general education (<https://catalog.wheaton.edu/undergraduate/academic-policies-information/academic-requirements-general-education>) and graduation requirements (<https://catalog.wheaton.edu/undergraduate/academic-policies-information/academic-requirements-general-education/#text>) under a single catalog.

### Requirements for a double major in Mathematics and Secondary Education:

| Code                      | Title  | Credits |
|---------------------------|--|---------|
| <b>Major Requirements</b> |  |         |
| MATH 232<br>or MATH 234   | Calculus II<br>Calculus II B                               | 2-4     |
| MATH 243                  | Discrete Mathematics and Functional Programming            | 4       |
| MATH 263<br>or MATH 363   | Introduction to Statistics<br>Probability and Statistics I | 4       |
| MATH 245                  | Linear Algebra   | 4       |
| MATH 301                  | Intro to Upper-Level Math                                  | 2       |
| MATH 324                  | Methods of Teaching Mathematics                            | 2       |
| MATH 325                  | Methods of Teaching Middle Grade Mathematics               | 2       |
| MATH 331                  | Vector Calculus  | 2       |
| MATH 341                  | Modern Algebra   | 4       |
| MATH 351                  | Analysis I   | 4       |
| MATH 362                  | Geometry   | 4       |
| MATH 494                  | Senior Seminar (Section 494-1)                             | 2       |
| Total Credits             |  | 36-38   |

| Code                                  | Title  | Credits |
|---------------------------------------|--|---------|
| <b>Supporting Course Requirements</b> |  |         |
| PHYS 231                              | Introductory Physics I   | 4       |
| CSCI 235<br>or CSCI 245               | Programming I: Problem Solving<br>Programming II: Object-Oriented Design | 4       |

Students must also meet the licensure requirements listed by the Education (<https://catalog.wheaton.edu/undergraduate/arts-sciences/education>) Department in this catalog.