4 The Bachelor of Science in Mathematics Degree

The Bachelor of Science (BS) in Mathematics degree program at WSU has the following options:

- Actuarial Sciences
- Applied Mathematics
- Theoretical Mathematics
- Secondary Mathematics Teaching with Certification
- Secondary Mathematics Teaching without Certification
- Statistics

You are required to declare one of these options, and to follow the curricular provisions of the chosen option, as approved by your advisor. Although there are some courses that all of the options have in common (see below), you should choose an option area as quickly as it is reasonable to do so. Normally, this will occur no later than the end of the first semester of the junior year. More specific information regarding each option is given in section 5, including a checklist for each option to track your progress.

All undergraduates must complete either the University Common Requirements (UCORE) and the additional College of Arts and Sciences requirements, or the Honors College curriculum. In addition to these requirements, all options are required to complete:

- Math 171: Calculus I
- Math 172 or 182: Calculus II
- Math 220 or 230: Introductory Linear Algebra
- Math 273: Calculus III
- Math 300: Mathematical Computing
- Math 301: Introduction to Mathematical Reasoning
- Stat 360: Probability and Statistics
- Math 401: Introduction to Analysis I

Please see the checklists in section 5 for the complete list of requirements for each option.