

Bachelor of Science
Major: Mathematics
Specialization: Data Science
2024-2025 Sample 4-Year Plan

Total Degree Requirements: 120 credits

Student _____ Student ID# _____ Student Phone # _____
 Advisor _____ Minimum GPA 2.00 Minor/Career Interest(s) _____

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the [Undergraduate Catalog](#).

FIRST YEAR

Fall

| Prefix + Number | Course Title | Prerequisites/Comments | Credits | Semester | Grade |
|-----------------|----------------------------|---------------------------|---------|----------|-------|
| ENGL 101 | Composition I (SGR #1) | p. Placement | 3 | | |
| SGR #6 | Natural Sciences | | 3 | | |
| MATH 123 | Calculus I (SGR #5) | p. Placement | 4 | | |
| MATH 198 | The Mathematics Profession | | 1 | F | |
| SGR #3 | Social Science | | 3 | | |
| | | Total Credit Hours | 14 | | |

Spring

| Prefix + Number | Course Title | Prerequisites/Comments | Credits | Semester | Grade |
|-------------------------|-------------------------------------------------------------------------|---------------------------|---------|----------|-------|
| CSC 150 | Computer Science I | | 3 | | |
| ENGL 201 or ENGL 277 | Composition II (SGR #1) or Technical Writing in Engineering (SGR #1) | p. ENGL 101 | 3 | | |
| MATH 125 | Calculus II | p. MATH 123 | 4 | | |
| SGR #2 | Oral Communication | | 3 | | |
| SGR #6 | Natural Sciences | | 3 | | |
| | | Total Credit Hours | 16 | | |

SECOND YEAR

Fall

| Prefix + Number | Course Title | Prerequisites/Comments | Credits | Semester | Grade |
|-----------------|--------------|------------------------|---------|----------|-------|
| MATH 225 | Calculus III | p. MATH 125 | 4 | | |

COMMENTS/NOTES

The Department of Mathematics and Statistics has additional plans of study in different focus areas including Applied Mathematics and Actuarial/Financial Mathematics. Please contact your advisor for additional information.

If progressing on to the MS in Data Science or Statistics, consider taking STAT 445, 451, 415, and 460 as STAT 545, 551, 515, and 560.

Students from all academic majors can pursue graduation with Fishback Honors College distinction. View the [Honors program requirements](#).