

The example four-year plan is designed to provide a blueprint for students to complete their degrees within four years. These plans include recommended sequences of courses. Individual plans will vary based on previously earned credit, such as Dual Enrollment and AP credit, as well as the student's academic goals. Students will work with an academic advisor to develop a more individualized plan to complete their degree.

This example four-year plan is applicable to students admitted during the 2024–25 academic year.

Total Credits Required: 120 credits

Required GPA for Graduation: 2.0 (institutional)

Courses requiring a C or better are denoted with an asterisk (*). Courses only offered in the fall semester are denoted with a plus sign (+). Courses only offered in the spring semester are denoted with a double-plus sign (++).

Legend is available on the last page of this document.

| Year 1 | | | | | | | |
|------------------------------|---|-----------|-------------------|------------------------------|---|-----------|--------------------|
| Fall | | | | Spring | | | |
| Course | Title | Hours | Area | Course | Title | Hours | Area |
| MATH 0001 | First-Year Academic Seminar | 1 | | ENGL 1102 | English Composition II | 3 | Core |
| ENGL 1101* | English Composition I (pre-req to ENGL 1102) | 3 | Core | MATH 2150* | Linear Algebra (pre-req to MATH 4989) | 3 | Field |
| MATH 1261* | Calculus I (pre-req to MATH 1262, 1401, and 2150, and PHYS 2211/2211L) | 4 | Core + Field | MATH 1262* | Calculus II (pre-req to MATH 2263, MATH 3030, and PHYS 2212/2212L) | 4 | Field |
| CSCI 1301* | Computer Science I (pre-req to CSCI 1302) | 3 | Core + Cognate | CSCI 1302* | Computer Science II | 3 | Field + Cognate |
| POLS 1101 | American Government | 3 | Core | GC1Y 1000 | Critical Thinking (student's choice) (pre-req to GC2Y 2000) | 3 | Core |
| Total Semester Hours: | | 14 | | Total Semester Hours: | | 16 | |
| Summer | Students who start with MATH 1113: Pre-Calculus should consider taking MATH 1262 in the summer of Year 1. | | | | | | |
| Notes: | ENGL 1101, ENGL 1102, MATH 1261 (or MATH 1113), and GC1Y 1000 must be completed by 30 earned hours. First-Year Academic Seminar is a graduation requirement and impacts a student's GPA; however, it does not count toward the minimum of 120 semester hours required for a degree. | | | | | | |

| Year 2 | | | | | | | |
|------------------------------|---|-----------|---------|------------------------------|---|-----------|-------|
| Fall | | | | Spring | | | |
| Course | Title | Hours | Area | Course | Title | Hours | Area |
| MATH 2263* | Calculus III (pre-req to MATH 4261, 4300, 4340, and 4989) | 4 | Field | MATH 4340*++ | Differential Equations | 3 | Major |
| MATH 3030* | Foundations of Mathematics (pre-req to MATH 4081, 4110, 4261, 4300, 4510, and 4989) | 3 | Major | MATH 4510*++ | Geometry (pre-req to MATH 4081 and 4261) | 3 | Major |
| MATH 1401* | Elementary Statistics | 3 | Cognate | GC2Y 2000 | Global Perspectives (student's choice) | 4 | Core |
| Core Humanities | Humanities and Ethics (student's choice) | 3 | Core | Core Art | Fine Arts (student's choice) | 3 | Core |
| Lang 1001* | World Language I (1001-level) | 3 | Field | Lang 1002* | World Language II (1002-level) | 3 | Field |
| Total Semester Hours: | | 16 | | Total Semester Hours: | | 16 | |
| Summer | GC2Y 2000 can be completed as part of a study abroad program in the summer. | | | | | | |
| Notes: | Students must complete a world language course at the 1002 level or higher. Complete the WebCAPE exam to determine placement for first course. GC2Y 2000 must be taken between 30–59 earned hours. | | | | | | |

Year 3

| Fall | | | | Spring | | | |
|--|---|-----------|-------------------|--|---|-----------|-------------------|
| Course | Title | Hours | Area | Course | Title | Hours | Area |
| MATH 4110** | Number Theory (pre-req to MATH 4081 and 4261) | 3 | Major | MATH 4261*** | Mathematical Analysis I | 3 | Major |
| MATH 4300** | Complex Variables | 3 | Major | MATH 4989* | Intro to Research in Math (pre-req to MATH 4990) | 1 | Major |
| CHEM 1211K* or PHYS 2211* + PHYS 2211L* | Principles of Chemistry I & Lab (pre-req to CHEM 1212K) or Introductory Physics I & Lab (pre-reqs to PHYS 2212/2212L) | 4 | Core + Cognate | CHEM 1212K* or PHYS 2212* + PHYS 2212L* | Principles of Chemistry II & Lab or Introductory Physics II & Lab | 4 | Core + Cognate |
| HIST 2111 or HIST 2112 | The United States to 1877 or The United States Since 1877 | 3 | Core | Core Social Science | Social Science (student's choice) | 3 | Core |
| Gen Elective | Any general elective course | 3 | Elective | Gen Elective | Any general elective course | 3 | Elective |
| Total Semester Hours: | | 16 | | Total Semester Hours: | | 14 | |
| Notes: | Students must secure a research advisor and arrange registration for MATH 4989 in the spring of Year 3. At least one 4000-level MATH class must be completed before taking MATH 4989. General electives can be in any discipline and any level (1000–4999). | | | | | | |

| Year 4 | | | | | | | |
|------------------------------|---|-----------|----------|------------------------------|--------------------------------------|-----------|----------|
| Fall | | | | Spring | | | |
| Course | Title | Hours | Area | Course | Title | Hours | Area |
| MATH 4990* | Senior Project | 3 | Major | MATH Elective* | 4000-level MATH elective | 3 | Major |
| MATH 4081*+ | Abstract Algebra I | 3 | Major | Upper-Level Gen Elective | 3000- or 4000-level general elective | 3 | Elective |
| Upper-Level Gen Elective | 3000- or 4000-level general elective | 3 | Elective | Upper-Level Gen Elective | 3000- or 4000-level general elective | 3 | Elective |
| Upper-Level Gen Elective | 3000- or 4000-level general elective | 3 | Elective | Gen Elective | Any general elective course | 3 | Elective |
| Gen Elective | Any general elective course | 3 | Elective | Gen Elective | Any general elective course | 3 | Elective |
| Total Semester Hours: | | 15 | | Total Semester Hours: | | 15 | |
| Notes: | <p>MATH 4990 is a continuation of the capstone experience and should immediately follow MATH 4989. Arrangements for registration should be coordinated through your research advisor.</p> <p>One 4000-level MATH elective will be offered per year. Students are advised to take a 4000-level MATH elective when it is offered (provided they meet the prerequisite).</p> <p>General electives can be in any discipline and any level (1000–4999, unless specified as upper-level).</p> | | | | | | |

| Legend | |
|-------------|--|
| Area | This section of the plan references the area of the curriculum the course fulfills. |
| Core | Core IMPACTS — coursework required for every student regardless of major, which includes the following areas: Institutional Priority (GC1Y 1000 and GC2Y 2000); M athematics and Quantitative Skills; P olitical Science and U.S. History; A rts, Humanities, and Ethics; C ommunicating in Writing; T echnology, Mathematics, and Sciences; and S ocial Sciences. |
| Field | Core Field of Study courses, part of each major’s requirements. These courses prepare students for further study in their chosen major field. Field of Study courses are specific to each major program. |
| Major | Mathematics Major requirements |
| Cognate | Cognate courses are required courses within a student’s curriculum. These courses are connected to the major but may be from other academic disciplines. |
| Elective | Course(s) a student selects. Hours are needed to meet overall graduation hours. Number of electives varies per major. Electives can be used towards GC Journeys, minors, or professional/graduate school pre-requisites, or to take courses of interest. |