

MATHEMATICS MAJOR

Bachelor of Science in Mathematics (Four-Year Plan)

Academic planning is the student's responsibility. This Graduation Plan is designed to be a guide to assist students as they plan their course selections. This is only a suggested schedule, and is not a substitute for a student's Advising Worksheet, nor the Program Requirements in the Judson University Catalog. Actual course selections should be made with the advice and approval of an academic advisor. Students should become familiar with the catalog in effect at the time at which they entered the institution. Course requirements and sequencing may vary with AP courses, transfer courses, English/math placement, or other conditions.

A full-time course load for undergraduate students is 12-18 credits per semester. Illinois residents receiving state aid should register for 15 hours per semester.

In addition to the courses below, chapel is required for all traditional full-time students (i.e., those taking 12 or more credit hours), both residents and commuters. This course counts as 1 credit towards a student's full-time status within the term, but does not earn credits towards graduation.

| Course | Title | Hours |
|--|--|--------------|
| First Year | | |
| First Semester | | |
| BST110 | Intro to the Christian Bible | 3 |
| ENG101 | Expository Writing (or ACT/SAT placement) | 3 |
| GEN101 or ESS101 | Questions of Life: Entering the Judson Conversation (<24 transfer hours) ¹ or Wellness | 1 |
| Physical Activity course | | 1 |
| MAT211 or MAT215 | Functions and Calculus I or Calculus w/Analytic Geometry I | 3-5 |
| Hours | | 11-13 |
| Second Semester | | |
| THS110 | Christian Faith: Understanding and Application | 3 |
| ENG102 | Critical Thinking and Writing (or ACT/SAT placement) | 3 |
| PSY111 or SOC151 | Introduction to Psychology or Introduction to Sociology | 3 |
| MAT216 | Calculus w/Analytic Geometry II | 4 |
| Any Elective | | 3 |
| Hours | | 16 |
| Second Year | | |
| First Semester | | |
| Gen Ed Visual and Performing Arts Elective | | 3 |
| SPC120 | Foundations of Speech | 3 |
| MAT318 | Linear Algebra | 3 |
| Math Elective ² | | 3 |
| Any Elective | | 3 |
| Hours | | 15 |
| Second Semester | | |
| HIS261 or HIS262 | History of Civilization I or History of Civilization II | 3 |
| MAT312 | Modern Abstract Algebra | 3 |
| Math Elective ² | | 3 |
| Any Electives | | 6 |
| Hours | | 15 |
| Third Year | | |
| First Semester | | |
| Gen Ed Biblical Studies Elective | | 3 |

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|------------------------------------|--|----------------|
| Gen Ed Science w/Lab ¹ | | 3 |
| Math Elective ² | | 3 |
| Any Electives | | 6 |
| Hours | | 15 |
| Second Semester | | |
| Gen Ed Science w/Lab ¹ | | 4 |
| MAT301 | Mathematics Junior Seminar ³ | 1 |
| MAT311 | Probability and Statistics w/Lab | 4 |
| MAT316 | Multivariable Calculus | 4 |
| Math Elective ² | | 3 |
| Hours | | 16 |
| Fourth Year | | |
| First Semester | | |
| GEN401 | The Good Life: Continuing the Conversation | 3 |
| MAT492 | Senior Readings in Mathematics | 1 |
| Any Electives | | 12 |
| Hours | | 16 |
| Second Semester | | |
| Math Elective ² | | 3 |
| Science/Math Elective ² | | 3-4 |
| Any Electives | | 9-11 |
| Hours | | 15-18 |
| Total Hours | | 119-124 |

¹ First-time students (those entering college directly from high school) should take GEN101; transfer students should take ESS101

² see major audit

³ GEN301 equivalent