

# B.A. in Mathematics

[Overview](#)

[Degree Requirements](#)

## Degree Requirements

The academic regulations for this degree program, as entered in the University of Mississippi Catalog, are in effect for the current or selected academic year and semester. The University of Mississippi reserves the right to 1) change or withdraw courses; 2) change rules for registration, instruction, and graduation; and 3) change other regulations affecting the student body at any time.

### General Education

| REQUIREMENT                        | HOURS | DESCRIPTION   |
|------------------------------------|-------|---|
| First Year Writing I               | 3     | Complete <a href="#">Hon 101</a> , <a href="#">Writ 100</a> or <a href="#">Writ 101</a> with a passing grade.   |
| First Year Writing II              | 3     | Complete one of the following courses with a passing grade: <a href="#">Liba 102</a> , <a href="#">Writ 102</a> or <a href="#">Hon 102</a> .  |
| 6 hrs literature survey            | 6     | Complete 6 hours of literature survey with a passing grade. Choose from the following courses: <a href="#">Eng 220</a> , <a href="#">221</a> , <a href="#">222</a> , <a href="#">223</a> , <a href="#">224</a> , <a href="#">225</a> , or <a href="#">Eng 226</a> .   |
| 6 hrs modern/ancient language 200+ | 6     | Successfully complete at least 6 hours at the 200 level or above in one modern or ancient language.   |
| 6 hrs history                      | 6     | Complete 6 hours in History (HST) course work with a passing grade.   |
| 3 hrs humanities                   | 3     | Successfully complete 3 hours in one of the following areas: African-American studies; classical civilization; environmental studies ( <a href="#">Envs 101</a> ); gender studies ( <a href="#">G St 201</a> , <a href="#">301</a> , <a href="#">333</a> , <a href="#">350</a> ); philosophy; religion; Southern studies ( <a href="#">S St 101</a> , <a href="#">102</a> ). In addition, gender studies courses that are cross-listed with African American studies, classical civilization, English, modern languages, philosophy, or religion courses will satisfy this requirement. |
| 6 hrs social science               | 6     | Successfully complete 6 semester hours in anthropology, economics, political science, psychology, or sociology.   |
| 3 hrs fine arts                    | 3     | Complete 3 hours in the area of fine or performing arts. Choose from art history, music, dance, and theatre arts. Studio and workshop courses cannot be used to satisfy this requirement. Acceptable freshman or sophomore-level courses are: <a href="#">AH 101</a> , <a href="#">AH 102</a> , <a href="#">AH 201</a> , <a href="#">AH 202</a> ; Music 101, Music 102, Music 103, Music 104, Music 105; Dance 200; Theatre 201 and 202   |
| 3 hrs math 100+                    | 3     | Successfully complete 3 hours of Math at the 100 level or above except for <a href="#">Math 245</a> and <a href="#">Math 246</a> .  |
| 9-12 hrs science                   | 9     | Complete a full year of science course work in one subject area (6-8 hrs) and complete 3 credit hours in a subject area from another department. Courses may be chosen from the departments of Biology, Chemistry and Biochemistry, Geology and Geological Engineering, or Physics and Astronomy.   |
| 2 associated science labs          | 2     | Successfully complete at least two science laboratory courses.  |

### Major Requirements

| REQUIREMENT  | HOURS | DESCRIPTION   |
|--|-------|---|
| Computer programming course  | 3     | Student must complete a computer programming course choosing from <a href="#">CSci 111</a> , <a href="#">251</a> , <a href="#">256</a> , or <a href="#">259</a> .   |
| <a href="#">Math 261</a> , <a href="#">262</a> , <a href="#">263</a> , <a href="#">264</a> | 12    | <a href="#">Math 261: Unified Calculus &amp; Analytic Geometry I</a> , <a href="#">Math 262: Unified Calculus &amp; Analytic Geometry II</a> , <a href="#">Math 263: Unified Calculus &amp; Analytic Geometry III</a> , <a href="#">Math 264: Unified Calculus &amp; Analytic Geometry IV</a> |
| <a href="#">Math 305</a>   | 3     | <a href="#">Math 305: Foundations of Mathematics</a>  |
| <a href="#">Math 319</a>   | 3     | <a href="#">Math 319: Introduction to Linear Algebra</a>  |
| <a href="#">Math 555</a>   | 3     | <a href="#">Math 555: Advanced Calculus I</a>   |
| <a href="#">Math 556</a>   | 3     | <a href="#">Math 556: Advanced Calculus II</a>  |
| 6 add'l hours math   | 6     | Complete 6 additional hours of Math courses at the 300 level or above with a grade of C or better in each course.   |
| 12 hrs Math residency  | 12    | Students must earn at least 12 hours of their major courses in residence. Grades lower than a C in any Math course will not be counted towards the mathematics major for the BA degree.   |
| Resident Major GPA   |       | Please contact your academic advisor for grade point requirements.  |
| Overall Major GPA  |       | Please contact your academic advisor for grade point requirements.  |

