

B.A. in Physics

[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 Hon 101 , Writ 100 or Writ 101 with a passing grade.
First Year Writing II	3	Complete one of the following courses with a passing grade: Liba 102 , Writ 102 or Hon 102 .
6 hrs literature survey	6	Complete 6 hours of literature survey with a passing grade. Choose from the following courses: Eng 220 , 221 , 222 , 223 , 224 , 225 , or Eng 226 .
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 (Envs 101); gender studies (G St 201 , 301 , 333 , 350); philosophy; religion; Southern studies (S St 101 , 102). 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: AH 101 , AH 102 , AH 201 , AH 202 ; Music 101, Music 102, Music 103, Music 104, Music 105; Dance 200; and Theatre 201.
3 hrs math 100+	3	Successfully complete 3 hours of Math at the 100 level or above except for Math 245 and Math 246 .
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
Math 261	3	Complete Math 261 with a passing grade.
Math 262	3	Complete Math 262 with a passing grade.
2-3 hrs of Phys 461 /463/464	2	Of the 6 hours of physics courses at the 400 level and above, at least 2 but no more than 3 hours must be chosen from Phys 461 , 463 and/or 464.
6 hrs 400+ level	6	Of the 16 hrs of physics electives 6 hours must be at the 400 level or higher.
Phys residency hrs	12	Students must earn at least 18 hours of their major courses in residence.
Overall Major GPA		Please contact your academic advisor for grade point requirements.
Resident Major GPA		Please contact your academic advisor for grade point requirements.

Major Requirements II

REQUIREMENT	HOURS	DESCRIPTION
8 hrs physics track	8	Complete one of the following physics tracks: Track 1 - Phys 211 , 212 , 221 , 222 Track 2 - Phys 213 , 214 , 223 , 224
3 hrs physics courses	3	Students pursuing physics track 2 (Phys 213 , 214 , 223 , 224) must complete Phys 303 . Students following physics track 1 (Phys 211 , 212 , 221 , 222) cannot take Phys 303 for credit toward the major; therefore, must choose a different physics 300+ level course.
7 hrs add'l 300+ physics courses	7	Complete 7 hours of additional physics coursework at the 300-level or above.

