

B.S. in Physics

Overview

Degree Requirements

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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.

B.S. in Physics General Education

REQUIREMENT	HOURS	DESCRIPTION	
First Year Writing I	3	Complete <u>Hon 101</u> , <u>Writ 100</u> or <u>Writ 101</u> 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.	
3 hrs fine arts	3	Complete 3 hours in the area of fine or performing arts. Choose from art history, music, dance, and theatre a Studio and workshop courses cannot be used to satisfy this requirement. Acceptable freshman or sophommore-level courses are: <u>AH 101</u> , <u>AH 102</u> , <u>AH 201</u> , <u>AH 202</u> ; Music 101, Music 102, Music 103, Music 104, Music 105; Dance 200; and Theatre 201.	
6 hrs literature survey	6	Complete 6 hours of literature survey with a passing grade. Choose from the following courses: Eng 220, 22 222, 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 social science	6	Successfully complete 6 semester hours in anthropology, economics, political science, psychology, or sociology.	
6 hrs social science/humanities	6	Complete 6 hours of additional social science or humanities coursework. The courses may be chosen from African American studies, anthropology, classical civilization, economics, gender studies, history, <u>Liba 202</u> , philosophy, political science, psychology, religious studies, <u>Rhet 201</u> , sociology, and Southern studies.	
6 hrs science	6	Successfully complete 2 courses of laboratory science.	
2 science labs	8	Successfully complete at least two science laboratory courses.	

General Education II

REQUIREMENT	HOURS	DESCRIPTION	
Related subjects residence	6	Students must complete at least 6 of the required 18 hours of related subject course work in residence.	
Related subjects residence GPA		Student must acheive a GPA of 2.00 in resident hours in related subjects.	
Related subjects	18	Complete at least 18 credit hours in mathematics (Math) course work.	
Related subject GPA		Student must achieve a GPA of 2.00 overall in the related subjects.	

Major Requirements

major Requirements				
REQUIREMENT	HOURS	DESCRIPTION		
<u>Phys 211</u>	3	Complete Phys 211 with a passing grade.		
Phys 212	3	Complete Phys 212 with a passing grade.		
Phys 221	1	Complete Phys 221 with a passing grade.		
Phys 222	1	Complete Phys 222 with a passing grade.		
<u>Phys 303</u>	3	Complete Phys 303 with a passing grade.		
<u>Phys 308</u>	3	Complete Phys 308 with a passing grade.		
<u>Phys 309</u>	3	Complete Phys 309 with a passing grade.		
<u>Phys 310</u>	3	Complete Phys 310 with a passing grade.		
<u>Phys 317</u>	3	Complete Phys 317 with a passing grade.		
<u>Phys 319</u>	4	Complete Phys 319 with a passing grade.		
<u>Phys 401</u>	3	Complete Phys 401 with a passing grade.		

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REQUIREMENT	HOURS	DESC	RIPTION		
Phys 402	3		lete Phys 402 with a passing grade.		
Phys 417	4	· ·			
		· · ·	Complete Phys 417 with a passing grade.		
<u>Phys 451</u>	3	· ·	Complete Phys 451 with a passing grade.		
2 hrs Phys 463 and/or 464	2	Compl	Complete at least 2 hours of Phys 463 and/or 464.		
Physics lab 300+	3	Succe	Successfully complete an additional upper-division physics laboratory course.		
Phys residency hrs	18	Studer	Students must earn at least 18 hours of their major courses in residence.		
Resident Major GPA		Please	Please contact your academic advisor for grade point requirements.		
Overall Major GPA		Please	Please contact your academic advisor for grade point requirements.		
Major Requirements II					
REQUIREMENT	HOURS		DESCRIPTION		
<u>Math 261</u>	3	(Complete <u>Math 261</u> with a passing grade.		
Math 262	3	(Complete <u>Math 262</u> with a passing grade.		
<u>Math 263</u>	3	(Complete <u>Math 263</u> with a passing grade.		
<u>Math 264</u>	3	(Complete <u>Math 264</u> with a passing grade.		
<u>Math 319</u>	3	(Complete <u>Math 319</u> with a passing grade.		
Math 353	3	(Complete <u>Math 353</u> with a passing grade.		
Emphasis - Astrophy	<u>/sics</u>				
REQUIREMENT	HOURS		DESCRIPTION		
<u>Astr 325</u>	3		Complete Astr 325 with a passing grade.		
<u>Astr 436</u>	3		Complete Astr 436 with a passing grade.		
Emphasis - Biophysi	ics				
REQUIREMENT	HOURS		DESCRIPTION		
<u>Phys 413</u>	3		Complete Phys 413 with a passing grade.		
Phys 514	3		Complete Phys 514 with a passing grade.		
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