

# Physics B.A.

## Physics B.A. Eight-Semester Degree Plan

Students enrolling in the eight-semester degree plan should review the Eight-Semester Degree Completion Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy/>).

State minimum core requirements may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute with general electives in consultation with their academic advisor.

First Year	Units	
	Fall	Spring
ENGL 10103 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1) <sup>1</sup>	3	
MATH 11003 College Algebra (ACTS Equivalency = MATH 1103) (Satisfies General Education Outcome 2.1) <sup>1</sup>	3	
Humanities State Minimum Core (Satisfies General Education Outcomes 3.2 and 4.1) <sup>1</sup>	3	
General Electives <sup>1</sup>	7	
ENGL 10203 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1) <sup>1</sup>		3
Choose 1:		3-4
MATH 13004 Precalculus Mathematics (ACTS Equivalency = MATH 1305)		
MATH 12003 Plane Trigonometry (ACTS Equivalency = MATH 1203)		
Fine Arts State Minimum Core (Satisfies General Education Outcome 3.1) <sup>1</sup>		3
Social Science State Minimum Core (Satisfies General Education Outcome 3.3) <sup>1</sup>		3
General Electives <sup>1</sup>		2-3
Year Total:	16	15

Second Year	Units	
	Fall	Spring
Select one of the following PHYS courses to satisfy General Education Outcome 3.4:		
PHYS 20103 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) & PHYS 20101 College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) <sup>1</sup> or PHYS 20304 University Physics I (ACTS Equivalency = PHYS 2034)	4	
MATH 24004 Calculus I (ACTS Equivalency = MATH 2405) or MATH 22003 Survey of Calculus (ACTS Equivalency = MATH 2203)	3-4	
Social Science State Minimum Core (Satisfies General Education Outcome 5.1) <sup>1</sup>	4	

General Electives <sup>1</sup>	3-4	
PHYS 20203 College Physics II (ACTS Equivalency = PHYS 2024 Lecture) & PHYS 20201 College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab) <sup>1</sup> or PHYS 20404 University Physics II (ACTS Equivalency = PHYS 2044 Lecture)		4
MATH or STAT 20000+ (MATH 25004 if taking University Physics)		3-4
Social Science State Minimum Core (Satisfies General Education Outcome 3.3) <sup>1</sup>		3
General Electives <sup>1</sup>		4-5
Year Total:	15	15

Third Year	Units	
	Fall	Spring
PHYS 36103 Modern Physics	3	
PHYS 3610V Modern Physics Laboratory or PHYS 35404 Optics or PHYS 32103 Electronics in Experimental Physics	1-4	
MATH or STAT 20000+ <sup>1</sup>	3	
U.S. History or Government State Minimum Core (Satisfies General Education Outcome 4.2) <sup>1</sup>	3	
General Electives <sup>1</sup>	2-5	
PHYS or ASTR 30000+		3
PHYS or ASTR 30000+		3
Upper-Level Special Emphasis		3
General Electives <sup>1</sup>		6
Year Total:	15	15

Fourth Year	Units	
	Fall	Spring
PHYS or ASTR 30000+	3	
Upper-Level Special Emphasis	3	
Any UA-Fayetteville credit hours numbered at the 30000-level or higher	3	
General Electives <sup>1</sup>	6	
PHYS 49901 Physics Senior Seminar (Satisfies General Education Outcomes 1.2 and 6.1)		1
PHYS or ASTR 30000+		3
Any UA-Fayetteville credit hours numbered at the 30000-level or higher		2
General Electives (as needed to total 120 degree credits)		8
Year Total:	15	14

**Total Units in Sequence: 120**

<sup>1</sup> Students must complete the State Minimum Core (<https://catalog.uark.edu/undergraduatecatalog/gened/stateminimum/>) and the requirements of their major(s) as outlined in the Catalog of Studies. These courses also fulfill many, if not all, of the General Education Requirements (<https://nam11.safelinks.protection.outlook.com/?url=https://catalog.uark.edu/undergraduatecatalog/gened/generaleducation&data=04%7C01%7Crc003%40uark.edu>)

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%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6Ik1haWwiLCJXVCi6Mn0%3D  
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%3D&reserved=0). Please visit these pages in the links provided and  
consult with your academic advisor when making course selections to  
fulfill these requirements.