

Physics B.A.

Physics B.A. Eight-Semester Degree Program

Students wishing to follow the eight-semester degree plan should see the Eight-Semester Degree Policy (<http://catalog.uark.edu/undergradcatalog/academicregulations/eightsemesterdegreecompletionpolicy>) in the Academic Regulations chapter for university requirements of the program as well as the Fulbright College requirements. Core requirement hours may vary by individual, based on placement and previous credit granted. Once all core requirements are met, students may substitute a three-hour (or more) general elective in place of a core area.

The Physics B.A. program includes requirements for a special emphasis area. In this case, journalism was used as an example. Journalism courses indicated below are recommended by the Department of Journalism as the foundation needed for science reporting. It is recommended that the free electives be chosen in a second science, or in journalism.

First Year	Units	
	Fall	Spring
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013)	3	
Select one of the following:	3	
JOUR 1023 Media and Society (required for journalism sequence) ³		
General Elective		
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103)	3-4	
or MATH 1284C Precalculus Mathematics (ACTS Equivalency = MATH 1305)		
University/State Core Fine Arts or Humanities or US History requirement	3	
General Elective	3	
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023)		3
Select one of the following:		3
JOUR 1033 Fundamentals of Journalism (required for journalism sequence) ³		
General Elective		
Select one of the following:		3-4
MATH 1213 Plane Trigonometry (ACTS Equivalency = MATH 1203) (as required)		
MATH 2043 Survey of Calculus (ACTS Equivalency = MATH 2203) ¹		
MATH 2554 Calculus I (ACTS Equivalency = MATH 2405) ¹		
University/State Core Humanities or US History or Fine Arts requirement		3
University/State Core Social Science requirement		3
Year Total:	15	15

Second Year	Units	
	Fall	Spring
PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture)	4	
& PHYS 2011L College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab) ¹		
University/State Core U.S. History or Fine Arts or Humanities requirement	3	
University/State Core Social Science requirement	3	
Select one of the following:	3-4	
MATH 2043 Survey of Calculus (ACTS Equivalency = MATH 2203) (as required) ¹		
MATH 2554 Calculus I (ACTS Equivalency = MATH 2405) ¹		
MATH/STAT Elective ¹		
Select one of the following:	3	
JOUR 2013 News Reporting I (pre-req. JOUR 1023 and 1033) ^{1,3}		
General Elective		
PHYS 2033 College Physics II (ACTS Equivalency = PHYS 2024 Lecture)		4
& PHYS 2031L College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab) ¹		
Select one of the following:		3
JOUR 3023 News Reporting II ^{1,2,3}		
Other Special Emphasis Area ⁴		
MATH or STAT elective ¹		3
General Electives		6
Year Total:	16	16

Third Year	Units	
	Fall	Spring
PHYS 3603 Introduction to Modern Physics ^{1,2}	3	
MATH/STAT elective (as required) or General Elective ¹	3	
Select one of the following:	3	
JOUR 3633 Media Law ^{1,2,3}		
Other Special Emphasis Area ⁴		
General Electives	6	
PHYS 360VL Modern Physics Laboratory		1-3
PHYS/ASTR Group A ^{1,2}		3
Select one of the following:		3
JOUR 3013 Editing ^{1,2,3}		
Other Special Emphasis Area ⁴		
3000+ Advanced Level Elective ¹		3
General Electives		6
Year Total:	15	16

Fourth Year	Units	
	Fall	Spring
PHYS/ASTR Group A ^{1,2}	2-4	
PHYS/ASTR Group A ^{1,2}	3-4	
Fulbright College 3000+ Elective (as needed) ^{1,2}	3	
Advanced level elective ¹	6	

PHYS 4203 Physics of Devices (or other PHYS/ ASTR Group A) ^{1,2}		3
PHYS 4991 Physics Senior Seminar ^{1,2}		1
3000+ Advanced level elective (as needed) or General Elective ¹		3
General Electives (as needed to total 120 degree credits)		6
Year Total:	14	13

Total Units in Sequence: 120

¹ Meets 40-hour advanced credit hour requirement. See College Academic Regulations.

² Meets 24-hour rule (24 hours of 3000-4000 level courses in Fulbright College), in addition to meeting the 40-hour rule. See College Academic Regulations.

³ Required for journalism emphasis.

⁴ Additional 9 semester hours at 3000 level or above from a single emphasis area chosen with adviser approval. This requirement is automatically fulfilled by the bold-faced upper-level journalism courses.

Group A: Eleven semester hours chosen from: Any PHYS or ASTR classes numbered 3000 or above.