

Four-Year Model Plan:
Bachelor of Arts degree in Physics

Fall		Spring	
ENGL 101 College English I	3	ENGL 102 College English II	3
CHEM 211 General Chemistry I	5	COMM 111 Public Speaking	3
MATH 242 Calculus I	5	MATH 243 Calculus II	5
General Education Humanities* ¹	3	PHYS 313/315 Physics for Scientist I/lab	5
	16		16
Fall		Spring	
MATH 344 Calculus III	3	PHYS 551 Modern Physics	3
PHYS 314/316 Physics for Scientist II/lab	5	PHYS 516 or PHYS 517 or PHYS 616#	2
Upper Division General Education Natural Science	3	MATH 555 Differential Equations	3
General Education Biology	3	Beginning Foreign Language I	5
	14	Elective	1
			14
Fall		Spring	
PHYS 641 Thermophysics	3	PHYS 516 or PHYS 517 or PHYS 616#	2
PHYS 651 Quantum Mechanics	3	Directed Math Elective	3
PHYS 516 or PHYS 517 or PHYS 616#	2	Intermediate Foreign Language	5
Beginning Foreign Language II	5	General Education Social and Behavioral Science*	3
General Education Social and Behavioral Science*	3	Elective	1
	16		14
Fall		Spring	
General Education Humanities*	3	PHYS 631 Electricity & Magnetism	3
General Education Humanities	3	Physics Elective	3
PHYS 621 Analytical Mechanics	3	General Education Social & Behavioral Science	3
Physics Elective	3	Upper Division General Education Humanities	3
General Education Fine Arts	3	Upper Division General Education S&B Science	3
	15		15

* Fairmount College of Liberal Arts and Sciences requires all students to complete Literature and either U.S. History or American Politics

¹ All incoming freshman are required to take one First-Year Seminar as part of their General Education program.

Consult with the Physics Advisor for more information. May not reflect the actual semester the course is offered.