

Sample Four-Year Sequence for Physics - Philosophy Dual Major

Freshman Year					
Fall Semester			Spring Semester		
CHEM-1100	Chemistry I	4	BIOL-1010	Intro. to Biology	4
PHYS-1100	Physics I	4	MATH-1020	Calculus II	4
MATH-1010	Calculus I	4	PHYS-1200	Physics II	4
IHSS-1964	Minds & Machines ¹	4	PHIL	Philosophy Elective ²	4
Sophomore Year					
Fall Semester			Spring Semester		
CSCI-1100	Computer Science I	4	MATH- 2400	Intro. To Diff. Eq.	4
MATH-2010	Mult. Var. Calc. & Matr. Alg.	4	PHYS-2350	Experimental Physics	4
PHYS-2100	Intro to Methods of Theor. Phys.	4		Free Elective	4
PHIL-2140	Introduction to Logic	4	PHIL	Philosophy Elective ²	4
Junior Year					
Fall Semester			Spring Semester		
MATH-4600	Advanced Calculus	4	PHYS-4100	Intro. Quantum Mech.	4
PHYS-2330	Intermediate Mechanics	4	PHYS-4210	Electromagnetic Theory	4
PHYS-2510	Quantum Physics	4	PHYS-4420	Thermodyn. & Stat. Mech.	4
PHIL	Philosophy Elective ²	4	PHIL	Philosophy Elective ²	4
Senior Year					
Fall Semester			Spring Semester		
PHYS-4370	Research Participation	4	PHIL-4990	Senior Thesis	4
	Soc. Sci. Elective	4		Soc. Sci. Elective	4
	Free Elective	4		Free Elective	4
PHIL	Philosophy Elective ²	4			

¹ or PHIL-1110 Introduction to Philosophy

² recommended Philosophy Electives are PHIL-2130 Intro. to Phil. of Science, PHIL-4380 Philosophy of Mathematics, and PHIL-4360 Philosophical Problems of Space and Time