

Double Major in Physics & Astrophysics

Year	Autumn Semester	Credit hours	Comment		Spring Semester	Credit Hours	Comment
1	Physics 1250	5	Intro Physics I		Physics 1251	5	Intro Physics I
	Math 1151	5	Calculus I		Math 1152	5	Calculus II
	ASC 1100	1	Survey		CSE 1222	3	C++ Programming
	Astro 2895	1	Seminar		Foreign Lang. 2	4	
	Foreign Lang. 1	4					
	Total Hours	16			Total Hours	17	
2	Physics 2300	4	Mechanics I		Physics 2301	4	Mechanics II
	Physics 2095	1	Seminar		Physics 3700	3	Data Ana. Lab
	Math 2153	4	Calculus III		Math 2415	3	Diff. Equations
	Astro 2291	3	Intro Astrophysics I		Astro 2292	3	Intro Astrophysics II
	Foreign Lang. 3	4	GEC # 3		Math 2568	3	Linear Algebra
	Total Hours	17			Total Hours	16	
3	Physics 5500H	4	Quantum I		Physics 5501H*	4	Quantum II
	Physics 5400H	4	E&M I		Physics 5401H*	4	E&M II
	Astro 3350	3	Methods of Observation		Physics 4700	3	Electronics Lab
	Gen Ed	3			Gen Ed	3	
	Gen Ed	3			Gen Ed	3	
	Total Hours	17			Total Hours	17	
4	Physics 5600	4	Stat. Mech.		Physics 5300	4	Theoretical Mech.
	Physics 5700	3	Senior Lab		Astro 5681**	3	Stellar Evolution
	Gen Ed	3			Gen Ed	3	
	Gen Ed	3			Gen Ed	3	
	Gen Ed	3					
	Total Hours	16			Total Hours	13	

Courses in YELLOW are only offered in the term shown

Enrollment information can be found at physics.osu.edu/controlled-access-courses

* If the honors sequence is not taken, students can substitute Physics 5501H and 5401H with other physics courses at the 2000 level or above. Examples include Physics 3470, 5740, 3201H, or any of the 68xx courses (computational physics, biophysics, etc.)

** Either Astronomy 5681 or 5682 must be taken

Courses that count exclusively toward Physics		Courses that count exclusively toward astronomy		Courses that count toward both	
Physics 5600	4	Astro 2291	3	Physics 2300	4
Physics 3700	3	Astro 2292	3	Physics 2301	4
Physics 4700	3	Astro 3350	3	Physics 5500H	4
Physics 5700	3	Astro 5681	3	Physics 5400H	4
Math 2415	3	Math 2568	3	Physics 5501H	4
Physics 5300	4	Physics 5401H	4		
Physics 2095	1				
Total	21	Total	19	Total	20