

Physics Teaching Option

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
	Foreign Lang. 1	4			Foreign Lang. 2	4	
	Total Hours	15				Total Hours	17
2	Physics 2300	4	Mechanics I		Physics 2301	4	Mechanics II
	Physics 2095	1	Seminar		Physics 3700	3	Data Analysis Lab
	Math 2153	4	Calculus III		Math 2415†	3	Diff. Equations
	Foreign Lang. 3	4			Chem 1220	5	Gen. Chem. II
	Chem 1210	5	Gen. Chem. I				
	Total Hours	18				Total Hours	15
3	Physics 5500	4	Quantum Mech.		Physics 5400	4	Electromagnetism
	Physics Elective*	4	Required Elective		Physics 5100	4	Phy for Teachers
	Biology 1113	4	Gen. Biology		Physics 4700**	3	Electronics Lab
	Gen Ed	3			Gen Ed	3	
					Gen Ed	3	
	Total Hours	15				Total Hours	17
4	Astro 2291	3	Astrophysics		Physics 5700	3	Senior Lab
	Geog 5900	3	Climatology		Earth Sci 1110	3	Life on Earth
	Gen Ed	3			Gen Ed	3	
	Gen Ed	3			Gen Ed	3	
	Gen Ed	3			Gen Ed	3	
	Total Hours	15				Total Hours	15

Courses in YELLOW are only offered in the term shown

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

* Acceptable Physics Electives include: Physics 5501, 5501H, 5401H, 3470, 3201H (if not taken as a lab), 5300, 5600, 5680 (if not taken as a lab), and 68xx

** or Physics 5680 (Big Data Analytics) or Physics 6810 (Computational Physics) or Physics 3201H (Holography)

† or 2174 or 2255 or 5520H. Linear Algebra (Math 2568) is recommended, but not required.

° or CSE 1223 or Astronomy 1221