

Engineering Physics - FE

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 1172	5	Engr Calculus II
	Eng 1181	2	Intro Eng I		Eng 1182	2	Intro Eng II
	Eng 1100	1	Eng Survey		CSE 1222*	3	C++
	Gen Ed	3					
	Total Hours	16			Total Hours	15	
2	Physics 2300	4	Mechanics I		Physics 2301	4	Mechanics II
	Physics 2095	1	Seminar		Gen Ed	3	GEC #4
	Math 2173	3	Engr Calculus III		Math 2174	3	DiffEq/LinAlg
	Eng Tech Elect	3	Specialization		Eng Tech Elect	3	Specialization
	Physics 3700	3	Data Analysis Lab		Gen Ed	3	
	Gen Ed	3					
	Total Hours	17			Total Hours	16	
3	Physics 5500	4	Quantum Mechanics		Physics 4700	3	Electronics Lab
	Eng Tech Elect	3	Specialization		Physics 5400	4	Electromagnetism
	Eng Tech Elect	3	Specialization		Eng Tech Elect	3	Specialization
	Targeted Elect	3	Elective		Eng Tech Elect	3	Specialization
	Gen Ed	3			Gen Ed	3	
	Total Hours	16			Total Hours	16	
4	Physics 5800	3	Capstone I		Physics 5801	3	Capstone II
	Eng Tech Elect	3	Specialization		Eng Tech Elect	3	Specialization
	Eng Tech Elect	3	Specialization		Targeted Elect	3	Elective
	Targeted Elect	3	Elective		Phys Elective**	4	Required Elective
	Gen Ed	3			Gen Ed	3	
	Total Hours	15			Total Hours	16	

Courses in YELLOW are only offered in the term shown

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

BLUE: Engineering Specialization Electives (27 semester hours required)

A list of required courses for each specialization can be found at:

physics.osu.edu/eng-concentration-requirements

RED: Required Targeted Electives (9 semester hours required). These courses must

be used toward additional math, physics, or engineering courses at the 2000 level or above.

Please note that the required courses shown above cannot double count toward these electives.

A list of appropriate electives can be found at: physics.osu.edu/engineering-physics-targeted-electives

* or CSE 1223 or CSE 1224 or Astronomy 1221 or Engineering 1281H or Engineering 1221

** Acceptable Physics Electives include: Physics 3201H, 3470, 5300, 5401H, 5501, 5501H, 5600, 5680, and 68xx