

## 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	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			Gen Ed	3	
	<b>Total Hours</b>	<b>16</b>			<b>Total Hours</b>	<b>18</b>	
2	Physics 2300	4	Mechanics I		Physics 2301	4	Mechanics II
	Physics 2095	1	Seminar		Gen Ed	3	GEC # 4
	Math 2173	3	Eng. Math		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					
	<b>Total Hours</b>	<b>17</b>			<b>Total Hours</b>	<b>16</b>	
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
	Eng Tech Elect	3	Specialization		Targeted Elect	3	Elective
	Gen Ed	3			Gen Ed	3	
	<b>Total Hours</b>	<b>16</b>			<b>Total Hours</b>	<b>16</b>	
4	Physics 5800	3	Capstone I		Physics 5801	3	Capstone II
	Eng Tech Elect	3	Specialization		Physics 5710	3	Eng Physics Lab
	Eng Tech Elect	3	Specialization		Eng Tech Elect	3	Specialization
	Targeted Elect	3	Elective		Targeted Elect	3	Elective
	Gen Ed	3			Phys Elective*	4	Required Elective
	Gen Ed	3					
	<b>Total Hours</b>	<b>18</b>			<b>Total Hours</b>	<b>16</b>	

Courses in YELLOW are only offered in the term shown

Enrollment information can be found at [physics.osu.edu/controlled-access-courses](https://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](https://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](https://physics.osu.edu/engineering-physics-targeted-electives)

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