

## Engineering Physics

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++
	GEC	3	GEC # 1		GEC	3	GEC # 2
	<b>Semester Sum</b>	<b>16</b>			<b>Semester Sum</b>	<b>15</b>	
2	Physics 2300	4	Mechanics I		Physics 2301	4	Mechanics II
	Physics 2095	1	Seminar		Physics 3700	3	Data Ana. Lab
	Math 2173	3	Eng. Math		Math 2174	3	DiffEq/LinAlg
	Eng Tech Elect	3	Specialization		Eng Tech Elect	3	Specialization
	GEC	3	GEC # 4		GEC	3	GEC # 5
	GEC	3	GEC # 3				
	<b>Semester Sum</b>	<b>17</b>			<b>Semester Sum</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		Eng/Phy Elect	3	Elective
	GEC	3	GEC # 6		GEC	3	GEC # 7
	<b>Semester Sum</b>	<b>16</b>			<b>Semester Sum</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
	Eng/Phy Elect	3	Elective		Eng/Phy Elect	3	Elective
	GEC	3	GEC # 8		Phys Elective*	4	Required Elect
	<b>Semester Sum</b>	<b>15</b>			<b>Semester Sum</b>	<b>16</b>	

Courses in YELLOW are only offered in the term shown

Lab Courses in BLUE can only be scheduled by Robin Wyatt at least 6 months in advance

**BLUE:** Engineering Specialization Electives (27 semester hours required)

**PURPLE:** Required Physics/Engineering 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.

\* Acceptable Physics Electives include: Physics 5501H, 5401H, 3470, 3455H, 5300, 5600, and 68xx