

## Bachelor of Science with a Major in General Engineering

<b>Freshman</b>		<b>Fall Semester</b>		<b>Sophomore</b>		<b>Fall Semester</b>	
MATH 152	Calculus I	4		MATH 251	Calculus III	4	
PHYS 211	Fundamentals of Physics	4		CHEM 161	General Chemistry	5	
PHYS 213	Physics lab I	1			Social Science Elective	3	
PHYS 175	Intro. to Engineering	3			Humanities Elective	3	
ENEX 101	Composition	3		MATH 221 or 341	Math Elective	3	
			15				18

<b>Freshman</b>		<b>Spring Semester</b>		<b>Sophomore</b>		<b>Spring Semester</b>	
MATH 153	Calculus II	4		MATH 341	Probability and Statistics	3	
PHYS 212	Fundamentals of Physics	4		CHEM 162	General Chemistry	5	
PHYS 214	Physics lab II	1		PHYS 295	Engineering Statics	3	
ECON 111	Microeconomics	3			Humanities Elective	3	
GEOS 100/101	General Geology and Lab	3			Approved Elective	3	
			15				17

### 3rd and 4th Years at Montana Tech

<b>Junior</b>		<b>Fall Semester</b>		<b>Senior</b>		<b>Fall Semester</b>	
CS 2146	C Programming	3		ENGR4040	Professional Engineering	1	
ENGR1050	Intro. to Gen. Engineering	1		ENGR4450	Instrumentation & Control	3	
ENGR2060	Engineering Dynamics	3		ENGR4460	Instrument. & Control Lab	1	
ENGR2150	Engineering Graphics	2		ENGR4940	Engineering Seminar	1	
ENGR2530	Electric Circuits	3		ENGR4920	Engineering Design I	2	
ENGR2550	Electric Circuits Lab	1		ENGR4930	Engineering Design II	1	
ENGR3210	Technical Writing	3		MEC 3630	Engineering Economy	3	
ENGR3260	Fluid Mechanics	3			Professional Electives	20	
ENGR3280	Fluid Mechanics Lab	1					
ENGR3340	Thermodynamics I	3					
ENGR3350	Mechanics of Materials	3					
ENGR3360	Mechanics of Materials Lab	1					
MATH2236	Differential Equations	3					
METE2020	Survey of Mat. Engineering	3					
	Professional Electives	3					
			36				32

