

Bachelor of Science with a Major in General Engineering with an Option in Civil Engineering

Freshman		Fall Semester		Sophomore		Fall Semester	
MATH 152	Calculus I	4		MATH 251	Calculus III	4	
PHYS 211	Fundamentals of Physics	4		CHEM 161	General Chemistry	5	
					Hydrogeology (Prof. Elect.)	4	
PHYS 213	Physics lab I	1		GEOS 480	Humanities Elective	3	
PHYS 175	Intro. to Engineering	3					
ENEX 101	Composition	3					
			15				16

Freshman		Spring Semester		Sophomore		Spring Semester	
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			Approved Elective	3	
GEOS 100	General Geology	2			Social Science Elective	3	
GEOS 101	General Geology Lab	1					
	Humanities Elective	3					
			18				17

3rd and 4th Years at Montana Tech

Junior		Fall Semester		Senior		Fall Semester	
ENVE 2040	Introduction Env. Engineering	3		ENVE4020	Surface Water Hydrology	3	
ENGR 1050	Intro to General Engineering	1		ENGR2530	Electric Circuits	3	
ENGR 2060	Engineering Dynamics	3		ENGR2550	Electric Circuits Lab	1	
ENGR 2150	Engineering Graphics	2		ENGR3260	Fluid Mechanics	3	
ENGR 2300	Construction Estimating	3		ENGR3280	Fluid Mechanics Lab	1	
ENGR 3150	Intro Engineering Comp. Appl.	2		ENGR4040	Professional Engineering	1	
					Soil Mech. & Found.		
ENGR 3210	Technical Writing	3		ENGR4860	Des.	3	
ENGR 3340	Thermodynamics I	3		ENGR4870	Des. of Subdivisions/Lab	3	
ENGR 3350	Mechanics of Materials	3		ENGR4940	Engineering Seminar	1	
ENGR 3360	Mechanics of Materials Lab	1		ENGR4920	Engineering Design I	2	
ENGR 4880	Structural Analysis Rein. Conc.	3		ENGR4930	Engineering Design II	1	
MATH 2236	Differential Equations	3			Professional Electives	13	
	Survey of Materials						
METE 2020	Engineering	3		MEC 3630	Engineering Economy	3	
MIN 2100	Plane Surveying	3					
			36				35

