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

Freshman	Fall Semester		Sophomore	Fall Semester	
MATH 152	Calculus I	4	MATH 221	Linear Algebra	4
PHYS 211	Fundamentals of Physics	4	MATH 251	Calculus III	4
PHYS 213	Physics lab I	1	CHEM 161	General Chemistry	5
PHYS 175	Intro. to Engineering	3		Approved Elective	3
ENEX 101	Composition	3		Humanities Elective	3
		1			1
		5			5

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
	Humanities Elective	3		Social Science Elective	3
		1			1
		5			7

3rd and 4th Years at Montana Tech

Junior	Fall Semester		Senior	Fall Semester	
CS	Approved Computer Course	3	ENGR 3260	Fluid Mechanics	3
ENGR 1050	Intro to General Engineering	1	ENGR 3280	Fluid Mechanics Lab	1
ENGR 2060	Engineering Dynamics	3	ENGR 3540	Electric Machines	3
ENGR 2150	Engineering Graphics	2	ENGR 4020	Mechanical Engr. Lab	1
ENGR 2530	Electric Circuits	3	ENGR 4040	Professional Engineering	1
ENGR 2550	Electric Circuits Lab	1	ENGR 4340	Thermodynamics II	3
ENGR 3150	Intro Engr. Computer Appl.	2	ENGR 4450	Process Instr. & Control	3
ENGR 3210	Technical Writing	3	ENGR 4460	Proc. Instr. & Control Lab	1
ENGR 3340	Thermodynamics I	3	ENGR 4570	Kinematics	3
ENGR 3350	Mechanics of Materials	3	ENGR 4940	Engineering Seminar	1
ENGR 3380	Heat Transfer	3	ENGR 4920	Engineering Design I	2
ENGR 3360	Mechanics of Materials Lab	1	ENGR 4930	Engineering Design II	1
	Professional Elective	5		Professional Electives	9
MATH 2236	Differential Equations	3	MEC 3630	Engineering Economy	3
METE 2020	Survey of Materials Engr.	3			
		3			3
		9			5