

# MONTANA TECH – ENVIRONMENTAL ENGINEERING DEPARTMENT

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## FRESHMAN YEAR

COURSE NUMBER	COURSE DESCRIPTION	MATH & SCI	ENGR SCI	ENGR DESIGN	HSS	OTHER	SEM TOTAL
CHEM 1056	General Chemistry	—	3				
CHEM 1136	General Chem Lab I	—	1				
ENGL 1046	English Composition	—				3	
MATH 1520	Calculus I*	—	3				
ENVE 1050	Env Engr Challenges & Opp	—		1			
MIN 1010	Intro to Engr Calc & Prob Solving	—		3			
	Humanities Series Elective*	—			3		17
CHEM 1066	General Chemistry	—	3				
CHEM 1166	General Chem Lab II	—	1				
GEOE 1010	Physical Geology	—	3				
MATH 1530	Calculus II	—	3				
PHYS 1046	General Physics - Mechanics	—	3				
	Humanities Series Elective *	—			3		16

## JUNIOR YEAR

COURSE NUMBER	COURSE DESCRIPTION	MATH & SCI	ENGR SCI	ENGR DESIGN	HSS	OTHER	SEM TOTAL
BIOL 2316	Biology for Engr II	—	4				
ENVE 3130	Air Diffusion Modeling	—		3			
ENVE 3180	Environmental Sampling II	—		1			
ENGR 3210W	Scientific & Technical Writing	—				3	
MATH 3316	Introduction to Statistics	—	3				
GEOE 3080	Hydrogeology	—	3				17
ECON 2606	Principles of Economics	—			3		
ENVE 4020	Surface Water Hydrology	—		3			
ENVE 4150	Env Law and Regulations	—	2				
ENVE 3170	Environmental Sampling I	—		1			
ENVE 4180	Air Pollution Control Engr I	—		3			
ENVE 4290	Hazardous Waste Engineering	—		3			
ENGR 3350	Mechanics of Materials	—	3				

## SOPHOMORE YEAR

COURSE NUMBER	COURSE DESCRIPTION	MATH & SCI	ENGR SCI	ENGR DESIGN	HSS	OTHER	SEM TOTAL
ENVE 2040	Intro to Env Engr	—		3			
ENGR 2050	Engr Mechanics - Statics	—	3				
MATH 2510	Calculus III	—	4				
PHYS 2076	General Physics - HS&O	—	3				
PHYS 2096	Physics Lab - HS&O	—	1				
	Social Science Series Elective*	—			3		17
ENGR 3260	Fluid Mechancis	—		3			
ENGR 3280	Fluid Mechancis Lab	—		1			
CHEM 2216	Survey of Organic Chemistry	—	3				
MATH 2236	Differential Equations	—	3				
PHYS 2086	General Physics - EM&WM	—	3				
PHYS 2106	Physics Lab - EM&WM	—	1				
BIOL 2306	Biology for Engr I	—	4				18

## SENIOR YEAR

COURSE NUMBER	COURSE DESCRIPTION	MATH & SCI	ENGR SCI	ENGR DESIGN	HSS	OTHER	SEM TOTAL
ENVE 4040	Surface Water Quality	—		3			
ENVE 4190	Air Pollution Control Engr II	—		3			
ENGR 3340	Thermodynamics	—	3				
ENVE 4300	Soil and Subsurface Remediation	—		3			
ENVE 4140	Land and Stream Restoration	—		3			
M.EC 3630	Engr Econ & Financial Mgmt	—				3	18
ENVE 4210	Risk Analysis	—		3			
ENVE 4810W	Environmental Design	—		3			
ENVE 4030	Water & Wastewater Treatment	—		3			
	Social Science Series Elective*	—			3		18
ENVE 4400W	Pollution Prevention	—		3			15
<b>CREDIT TOTALS:</b>		<b>52</b>	<b>15</b>	<b>45</b>	<b>15</b>	<b>9</b>	<b>136</b>