

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
BIOL 1086	Introduction to Ecology	___	2				
BIOL 1096	Introduction to Biodiversity	___	2				
CHEM 1056	General Chemistry I	___	3				
CHEM 1136	General Chemistry Lab I	___	1				
ENGL 1046	English Composition	___				3	
ENVE 1940	Environmental Seminar	___		1			
MATH 1520	Calculus I*	___	3				
MIN 1010	Intro to Engr Calc & Problem Solving	___		3			18
BIOL 1116	Cell Biology	___	4				
CHEM 1066	General Chemistry II	___	3				
CHEM 1166	General Chemistry Lab II	___	1				
ENVE 1060	Environmental Softwares	___	2				
ENVE 1180	Environmental Sampling I	___	1				
MATH 1530	Calculus II	___	3				
PHYS 1046	General Physics - Mechanics	___	3				17

SOPHOMORE YEAR

COURSE NUMBER	COURSE DESCRIPTION	MATH & SCI	ENGR SCI	ENGR DESIGN	HSS	OTHER	SEM TOTAL
ENGR 2050	Mechanics-Statics	___		3			
ENVE 2040	Environmental Process Engineering	___		3			
ENVE 2170	Environmental Sampling II	___	1				
MATH 2510	Calculus III	___	4				
PHYS 2076	General Physics - HS&O	___	3				
PHYS 2096	Physics Lab - HS&O	___	1				
	Humanities/Social Science Elective	___				3	18
CHEM 2216	Survey of Organic Chemistry	___	3				
ENVE 2130	Air Diffusion Modeling	___		3			
GEOE 1010	Physical Geology	___	3				
MATH 2236	Differential Equations	___	3				
PHYS 2086	General Physics - EM&WM	___	3				
PHYS 2196	Physics Lab - EM&WM	___	1				16

JUNIOR YEAR

COURSE NUMBER	COURSE DESCRIPTION	MATH & SCI	ENGR SCI	ENGR DESIGN	HSS	OTHER	SEM TOTAL
ECON 2606	Principles of Economics	___			3		
ENGR 3210W	Scientific & Technical Writing	___				3	
ENGR 3260	Fluid Mechanics	___		3			
ENVE 3150	Environmental Laws & Regulations	___		2			
GEOE 3080	Hydrogeology	___	3				
MATH 3316	Introduction to Statistics	___	3				17
ENGR 3350	Mechanics of Materials	___		3			
ENVE 4020	Surface Water Hydrology	___			3		
ENVE 4180	Air Pollution Engineering I	___			3		
ENVE 4290	Hazardous Waste Engineering	___			3		
M.EC 3630	Engr Econ & Financial Mgmt	___				3	
	Humanities/Social Science Elective	___				3	18

SENIOR YEAR

COURSE NUMBER	COURSE DESCRIPTION	MATH & SCI	ENGR SCI	ENGR DESIGN	HSS	OTHER	SEM TOTAL	
ENGR 3340	Thermodynamics	___		3				
ENVE 4040	Surface Water Quality	___			3			
ENVE 4140	Land and Stream Restoration	___			3			
ENVE 4190	Air Pollution Engineering II	___			3			
ENVE 4210	Risk Analysis	___			2			
ENVE 4400W	Pollution Prevention	___			2			
ENVE 4810W	Environmental Design I	___			1		17	
ENVE 4030	Water & Wastewater Treatment	___			3			
ENVE 4160	Environmental Permitting	___		1				
ENVE 4300	Soil and Subsurface Remediation	___			3			
ENVE 4500W	Sustainable Env Quality Mgmt	___			2			
ENVE 4820W	Environmental Design II	___			2			
ENVE 4940	Environmental Seminar II	___		1				
	Humanities/Social Science Elective	___				3	15	
CREDIT TOTALS:			56	20	39	12	9	136

* See Advisor

Revised November 1, 2005