

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				
COMM 1046	English Composition	—				3	
ENVE 1940	Environmental Seminar I	—		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 Software	—	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	Engineering 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 3130	Air Diffusion Modeling	—		3			
GEOE 1010	Physical Geology	—	3				
MATH 2236	Differential Equations	—	3				
PHYS 2086	General Physics - EM&WM	—	3				
PHYS 2106	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 4150	Environmental Laws & Regulations	—		2			
GEOE 3080	Hydrogeology	—	3				
MATH 3316	Introduction to Statistical Methods	—	3				17
ENGR 3350	Mechanics of Materials	—		3			
ENVE 4020	Surface Water Hydrology	—			3		
ENVE 4180	Air Pollution Control Engineering I	—			3		
ENVE 4290	Hazardous Waste Engineering	—			3		
M.EC 3630	Engineering Economy	—				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 I	—		3				
ENVE 4040	Surface Water Quality	—			3			
ENVE 4140	Land and Stream Restoration	—			3			
ENVE 4190	Air Pollution Control Engineering II	—			3			
ENVE 4210	Risk Analysis	—		2				
ENVE 4400W	Pollution Prevention	—			2			
ENVE 4810W	Environmental Design I	—			1		17	
ENVE 4030	Water & Waste Water 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	25	34	12	9	136

* See Advisor

Revised 7/1/08