

# College of Engineering & Computer Science

Environmental Engineering

Fall 2009

Name \_\_\_\_\_

SUID \_\_\_\_\_

	CREDIT	FIRST-YEAR		SOPHOMORE		JUNIOR		SENIOR		VAR
		GRADE	F	S	F	S	F	S	F	
<b>MATHEMATICS (15)</b>										
MAT295 Calculus 1	(4)	4								
MAT296 Calculus 2	(4)		4							
MAT397 Calculus 3	(4)			4						
MAT485 Diff. Equations & Matrix Algebra	(3)				3					
<b>SCIENCES (20)</b>										
CHE106 General Chemistry 1	(3)	3								
CHE107 General Chemistry Lab 1	(1)	1								
CHE116 General Chemistry 2	(3)		3							
CHE117 General Chemistry Lab 2	(1)		1							
PHY211 General Physics 1	(3)		3							
PHY221 General Physics Lab 1	(1)		1							
EAR203 Earth System Science	(4)				4					
GEO383 Geographic Information System	(4)						4			
<b>ENGLISH (6)</b>										
WRT105 Studio 1: Practices of Academic Writing	(3)	3								
WRT205 Studio 2: Critical Research and Writing	(3)				3					
<b>SOCIAL SCIENCE /HUMANITIES (18)</b> (See curriculum notes)										
SSH Elective _____	(3)	3								
SSH Elective _____	(3)		3							
SSH Elective _____	(3)			3						
SSH Elective _____	(3)			3						
SSH Elective _____	(3)					3				
SSH Elective _____	(3)					3				
<b>ENGINEERING (16/17)</b>										
ECS101 Intro. to Engr. & Comp. Sci.	(3)	3								
ECS221 Statics	(3)			3						
ECS325 Mechanics of Solids	(4)				4					
ERE441 Air Pollution Engineering	(3)							3		
Select One of the Following 5 Courses:	( )						3 or 4			
ECS222 Dynamics (3)										
ECS326 Engineering Materials										
ELE231 Elec. Engr. Fundamentals (3 or 4)										
MAE251 Thermodynamics (4)										
CHE346 Physical Chemistry (3)										
<b>ENVIRONMENTAL ENGINEERING (35) D=12</b>										
CIE272 Civil & Envir. Engr Measurements	(3)			3						
CIE274 Civil & Environmental Engr. Systems	(3)				3					
CIE327/MAE341 Fluid Mechanics	(4)					4				
CIE337 Intro to Geotechnical Engineering	1.00 (4)					4				
CIE341 Intro Environmental Engineering	1.00 (3)					3				
CIE352 Water Resources Engr.	2.00 (4)						4			
CIE442 Treatment Proc. In Environmental Engr.	2.00 (4)							4		
CIE471 Env. Chemistry Analysis	1.00 (3)							3		
CIE472 Applied Env. Microbiology	1.00 (3)							3		
CIE475 Capstone Design	4.00 (4)								4	
<b>ELECTIVES (18)</b>										
Prof. Elective _____	(3)						3			
Prof. Elective _____	(3)						3			
Prof. Elective _____	(3)							3		
Tech Elective _____	(3)							3		
Tech Elective _____	(3)							3		
Free Elective _____	(3)							3		
<b>TOTAL CREDITS</b>	<b>128-129</b>	<b>17</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>17</b>	<b>17-18</b>	<b>16</b>	<b>13</b>	

See reverse side for all notes