

College of Engineering and Computer Science

Bioengineering
Fall 2009

NAME _____
SUID _____

	CREDIT GRADE	FIRST-YEAR		SOPHOMORE		JUNIOR		SENIOR		VAR +/-
		F	S	F	S	F	S	F	S	
MATHEMATICS (15)										
MAT295 Calculus 1	(4)___	4								
MAT296 Calculus 2	(4)___		4							
MAT397 Calculus 3	(4)___			4						
MAT485 Diff. Equations & Matrix Algebra	(3)___				3					
SCIENCES (24)										
BIO 327 Genetics & Cell Biology II	(3)___						3			
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							
CHE275 Organic Chemistry 1	(3)___			3						
CHE276 Organic Chemistry Lab 1	(2)___			2						
PHY211 General Physics 1	(3)___		3							
PHY221 General Physics Lab 1	(1)___		1							
PHY212 General Physics 2	(3)___			3						
PHY222 General Physics Lab 2	(1)___			1						
ENGLISH/SOCIAL SCIENCE/HUMANITIES (24)										
WRT105 Studio 1: Practices of Academic Writing	(3)___	3								
WRT205 Studio 2: Critical Research and Writing	(3)___			3						
SSH Elective _____	(3)___	3								
SSH Elective _____	(3)___			3						
SSH Elective _____	(3)___				3					
SSH Elective _____	(3)___					3				
SSH Elective _____	(3)___						3			
SSH Elective _____	(3)___							3		
ENGINEERING (18)										
ECS101 Intro. to Engineering & Computer Sci	(3)___	3								
ECS104 Engr. Comp. Tools	(3)___		3							
ECS221 Statics	(3)___			3						
ECS326 Engr. Materials, Prop. & Proc.	(3)___					3				
ELE231 Electrical Engr. Fundamentals I	(3)___				3					
ELE232 Electrical Engr. Fundamentals II	(3)___					3				
BIOENGINEERING (41)										
BEN212 Exp. Methods in Chem. & Bioengr.	(3)___				3					
BEN231 Intro to Biomed & Chem Engr. Prin.	(3)___			3						
BEN301 Biological Principles for Engineers	(4)___					4				
BEN333 Bioengineering Fluid Mechanics	(3)___					3				
BEN341 Fund. of Heat & Mass Transfer	(4)___						4			
BEN365 Quantitative Physiology	(4)___						4			
BEN465 Biomechanics	(3)___							3		
BEN468 Biomaterials	(3)___								3	
BEN481 Bioinstrumentation	(3)___							3		
BEN485 Bioengineering Lab	(4)___							4		
BEN487 Bioengineering Capstone Design	(4)___								4	
BEN575 Control Systems for Bioengineers	(3)___						3			
ELECTIVES (9)										
Tech Elec _____	(3)___							3		
Tech Elec _____	(3)___								3	
Tech Elec _____	(3)___								3	
TOTAL CREDITS	131	17	15	16	18	16	17	16	16	

*See reverse side for all notes