

# BIOENGINEERING Curriculum

Fall 2008

STUDENT NAME: \_\_\_\_\_

STUDENT ID #: \_\_\_\_\_

FIRST YEAR			
FALL			
ENGR 100	*Intro to Engr	2	
ENGR 101	*Engr Analysis I	4	
ENGL 101	*College Writing I	3	
CHEM 201	*Gen Chem I	3	
CHEM 207	*Intro Chem Anal I	1	
CHEM 208	*Intro Chem Anal II	1	
Gen Ed Elective		3	
			Total 17 Hours

SPRING			
ENGR 102	*Engr Analysis II	4	
ENGL 102	*College Writing II	3	
CHEM 202	*Gen Chem II	3	
CHEM 209	*Intro Chem Anal III	1	
PHYS 298	*Physics I	4	
PHYS 295	Physics I Lab	1	
BE 101	Intro BioE	1	
			Total 17 Hours

SUMMER			
ENGR 201	Engr Analysis III	4	
ENGR 150	*Engr Graphics Fund	2	
CEE 205	Statics	3	
Gen Ed Elective		3	
			Total 12 Hours

SECOND YEAR			
FALL			
ENGR 205	Diff Equations	2	
ME 206	Dynamics	3	
ME 251	Thermodynamics	3	
PHYS 299	Physics II	4	
BIOL 240	Unity of Life	3	
Gen Ed Elective		3	
			Total 18 Hours

SPRING			
ENGR 307	Numerical Methods	2	
CHEM 341	Organic Chem I	3	
CHEM 343	Organic Chem I Lab	2	
BIOL 329	Cell & Mol Biol	3	
BE 288	Co-op Seminar	0	
BE 310	Biotrans Phen	3	
BE 360	Biomech Princ	3	
Gen Ed Elective		3	
			Total 19 ***Hours

SUMMER			
COMM 111	Speech Comm	3	
or 112	Bus & Professional Speaking		
or 115	Interperson Communication		
ECE 252	Intro Elect Engr	3	
IE 360	Prob & Statistics	3	
BE**	BE Concent I	3	
			Total 12 Hours

\* 31 hr core with 2.00 GPA must be completed for admission into department

\*\* Course must be from approved list

\*\*\* Permission from Advisor and Associate Dean to take 19 hours during spring semester

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