

Bioengineering Four Year Academic Plan

Name: _____

UID: _____

Year 1	Fall		
Gateway requirements include: ENGL 101, CHEM 135, MATH 141, PHYS 161 and an approved Distributive Studies course. (Directly admitted freshman must pass and complete these courses and ENES 100 by 45 UM credits.)	Course	Credit	Grade
	ENES 102	3	
	CHEM 135	3	
	CHEM 136	1	
	MATH 140 (AR)	4	
	BIOE 120	3	
	BIOE 121	1	
	Total	15	

Spring		
Course	Credit	Grade
ENES100 (SP)	3	
MATH 141	4	
PHYS 161 (NS)	3	
Humanities (HU)*	3	
ENGL 101 (AW)	3	
Total	16	

Year 2	Fall		
	Course	Credit	Grade
	CHEM 231	3	
	CHEM 232	1	
	PHYS 260 and PHYS 261 (NL)	3 & 1	
	ENES 220	3	
	MATH 241	4	
	Total	15	

Spring		
Course	Credit	Grade
BIOE 232	3	
BIOE 241	3	
BSCI 222/223**	4	
MATH 246	3	
BIOE 371	3	
Total	16	

Year 3	Fall		
	Course	Credit	Grade
	BIOE 331	3	
	BSCI 330	4	
	BIOE 404	3	
	BIOE 457	4	
	Humanities (HU)*	3	
	Total	17	

Spring		
Course	Credit	Grade
BIOE 332	3	
BIOE 420	3	
BIOE 453	3	
BIOE540	3	
Oral Communication (OC)	3	
Total	15	

Year 4	Fall		
	Course	Credit	Grade
	BIOE 485	3	
	Eng. Science Elective	3	
	ENGL 393 (PW)	3	
	Hist & Social Sciences (HS)*	3	
	Scholarship in Practice (SP)*	3	
Total	15		

Spring		
Course	Credit	Grade
BIOE 486	3	
Flex Elective	3	
Biological Science Elec.	3	
Eng. Science Elective	3	
Hist & Social Sciences (HS)*	3	
Total	15	

*All students must complete two Distributive Studies courses that are approved for I series courses. The Understanding Plural Societies (UP) and Cultural Competence (CC) courses may also fulfill Distributive Studies categories.
 **or other approved BSCI or other Biological Sciences.

