BIOLOGICAL SYSTEMS ENGINEERING, B.S.

FOUR-YEAR PLAN

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SAMPLE BIOLOGICAL SYSTEMS ENGINEERING FOUR-YEAR PLAN—GENERAL PROGRAM

First Year

Fall	Credits	Spring	Credits
MATH 221[1]	5	MATH 222	4
CHEM 109[2]	5	BSE 170 or INTEREGR 170	2-3
Biological Science Course	3	BSE 310	3
Humanities	3	LSC 100 (or other COMM A)	3
		Ethnic Studies	3
	16		**15-16**

Second Year

Fall	Credits	Spring	Credits
E M A 201	3	BSE 308	1
MATH 234	4	BSE 349	3
BSE 249	3	MATH 320	3
BSE 270	3	PHYSICS 202	5
BSE 380	3	BSE General Program Elective	3
	16		**15**

Third Year

Fall	Credits	Spring	Credits
M E 306	3	INTEREGR 397 (or other COMM B)	3
M E 361	3	M E 363	3
STAT 324	3	BSE 365	3
300 level or higher non-BSE engineering course	3	BSE 508	2
Technical Elective Course	3	BSE General Program Elective	3
Elective	3	CALS International Studies	3
	18		**17**

Fourth Year

Fall	Credits	Spring	Credits
BSE 509	3	BSE 464	3
300 level or higher non-BSE engineering course	3	300 level or higher non-BSE engineering course	3
Technical Electives	4	Technical Electives	4
BSE General Program Elective	3	Elective Course	3
Humanities	3		
	16		**13**

Total Credits 126-127

Students must complete at least 125 total credits to be eligible for graduation.

1

MATH course dependent on placement score and transfer credit evaluation.

2

If CHEM 103 & CHEM 104 are taken in place of CHEM 109, it is suggested to take CHEM 103 in the fall semester and CHEM 104 in the spring semester of the first year, and move BSE 310 to the fall semester of the second year.