

# BIOLOGICAL SYSTEMS ENGINEERING: NATURAL RESOURCES AND ENVIRONMENTAL ENGINEERING

## FOUR-YEAR PLAN

### FOUR-YEAR PLAN SAMPLE BIOLOGICAL SYSTEMS ENGINEERING FOUR-YEAR PLAN—NATURAL RESOURCES AND ENVIRONMENT SPECIALIZATION

**First Year**

Fall	Credits Spring	Credits
MATH 221 <sup>1</sup>	5 MATH 222	4
CHEM 109 <sup>2</sup>	5 SOIL SCI/ENVIR ST/ GEOG 230 <sup>3</sup>	3
LSC 100 (or other COMM A)	3 BSE 170 or INTEREGR 170	2-3
Humanities	3 Biological Sciences Course	3
	Ethnic Studies	3
	<b>16</b>	<b>15-16</b>

**Second Year**

Fall	Credits Spring	Credits
MATH 234	4 STAT 324	3
E M A 201	3 PHYSICS 202	5
BSE 249	3 BSE 308	1
BSE 270	3 BSE 349	3
BSE 301	3 BSE 472	3
	<b>16</b>	<b>15</b>

**Third Year**

Fall	Credits Spring	Credits
BSE/CIV ENGR/ SOIL SCI 372	2 BSE 310	3
BSE 380	3 BSE 365	3
BSE 473	3 BSE 508	2
MATH 320	3 BSE 571	3
CIV ENGR 310	3 E M A 303	3
Technical Elective	3 INTEREGR 397 (or other COMM B)	3
	<b>17</b>	<b>17</b>

**Fourth Year**

Fall	Credits Spring	Credits
BSE 509	3 Technical Electives	6

M E 361	3 CALS International Studies	3
BSE Breadth Requirement	3 Elective Courses	6
Technical Elective	3	
Humanities	3	
	<b>15</b>	<b>15</b>

**Total Credits 126-127**

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

- <sup>1</sup> MATH course dependent on placement score and transfer credit evaluation.
- <sup>2</sup> 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 Biological Science to the fall semester of the second year.
- <sup>3</sup> SOIL SCI 301 is offered Fall semesters and is a 4-credit alternative to SOIL SCI/ENVIR ST/GEOG 230.