FINISH IN FOUR

College of: Engineering, Architecture & Technology Degree/Major: B.S. - Biosystems Engineering
Option: Environment & Natural Resources Academic Year: 2015-16

Proposed* Four-Year Degree Plan

Year One					
Fall Semester			Spring Semester		
HIST	1103	Survey of American History	CHEM	1414	General Chemistry for Engineers
MATH	2144	Calculus I	ENGR	1322	Engineering Design with CAD
BAE	1012	Introduction to Biosystems Engineering	PHYS	2014	General Physics I
BIOL	1114	Introductory Biology	MATH	2153	Calculus II
ENGL	1113	Freshman Composition I	BAE	1022	Experimental Methods in Biosystems Eng
			ENGL	1213	Freshman Composition II
Total: 16 credit hours			Total: 18 credit hours		

Year Two					
Fall Semester			Spring Semester		
ENSC	2213	Thermodynamics	SOIL	2124	Fundamentals of Soil Science
ENSC	2113	Statics	ENSC	3233	Fluid Mechanics
PHYS	2114	General Physics II	MATH	2233	Differential Equations
MATH	2163	Calculus III	BAE	2023	Physical Properties of Biological Materials
BAE	2013	Modeling in Biosystems Engineering	POLS	1113	American Government
Total: 16 credit hours			Total: 16 credit hours		

Year Three					
Fall Semester			Spring Semester		
ENSC	2613	Introduction to Electrical Science	ENSC	2143	Strength of Materials
BAE	3113	Biological Applications in Engineering	BAE	3213	Energy & Power in Biosystems Engineering
BAE	3313	Natural Resource Engineering	BAE	3023	Instruments and Controls
CHEM	3013	The Chemistry of Organic Compounds	BAE	3013	Heat & Mass Transfer Biological Systems
BIOL	3034	General Ecology	IEM	3503	Engineering Economic Analysis
			STAT	4033	Engineering Statistics
Total: 16 credit hours			Total: 18 credit hours		

Year Four					
Fall Semester			Spring Semester		
BAE	4001	Professional Practice in Biosystems Eng	BAE	4023	Senior Engineering Design Project II
BAE	4012	Senior Engineering Design Project I	[2]CONTR ELECTIVE		3 hours
BAE	4314	Hydrology	[2]CONTR ELECTIVE		3 hours
[2]CONTR ELECTIVE		3 hours	[2]CONTR ELECTIVE		2 hours
[1]S/D/H/I		3 hours	[1]S/D/H/I		3 hours
[1]S/D/H/I		3 hours	S/D/H/I		3 hours
Total: 16 credit hours			Total: 17 credit hours		

Note 1: 6 hours (S), 6 hours (H), meet (I) and (D) requirements in the selection of (S) and (H) coursework.
Note 2: Controlled Elect - engineering &/or science electives to be selected from an approved list upon consultation with an advisor.
Total Hours = 133 hours

*This plan is an example of how a student may successfully complete degree requirements in four years. Students are responsible for completing requirements in the official degree sheet for each major. It is mandatory for a student to meet with an academic advisor prior to course enrollment each semester.