FAMU COLLEGE OF AGRICULTURE + FOOD SCIENCES
FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY

SE: Nat Resources Conservation Eng

Perry-Paige Building
Room 204 South
850.599.8816

YEAR 1 FALL

Course	Title	Hours
ENC 1101	Freshman Communication Skills I	3
BSC 1010	Biology I	3
BSC 1010L	Biology I Lab	1
MAC 2311	Calculus I	4
ABE 1002	Engineering Terminology & Definitions	1
AMH 2091	Intro to African American History	3
	Semester Hours	15

YEAR 1 SPRING

Course	Title	Hours
ENC 1102	Freshman Communication Skills II	3
PHY 2048	General Physics I	4
PHY 2048L	General Physics I Lab	1
MAC 2312	Calculus II	4
ABE 2001L	Intro to Computer Applications	2
ABE 1010	Introduction to BSE	2
	Semester Hours	16

YEAR 1 TOTAL 31

YEAR 2 FALL

Course	Title	Hours
PHY 2049	General Physics II	4
PHY 2049L	General Physics II Lab	1
CHM 1045	Chemistry I	3
CHM 1045L	Chemistry I Lab	1
MAC 2313	Calculus III	5
ABE 2005L	Computer Graphics for Engineering	2
	Semester Hours	16

YEAR 2 SPRING

Course	Title	Hours
SUR2140/CE	Elementary Survey/Geomatics	3
SUR 2140L/(	Elementary OR Geomatics Lab	1
EGM 3512	Engineering Mechanics	4
HUM XXX	Humanities Elective II	3
CHM 1046	Chemistry II	3
CHM 1046L	Chemistry II Lab	1
ABE 2930	BSE Seminar	1
	Semester Hours	16

YEAR 2 TOTAL 32

YEAR 3 FALL

Course	Title	Hours
SWS 3022	Nature and Property of Soils	3
SWS 3022L	Nature and Property of Soils Lab	1
CWR 3201	Hydraulics	3
CWR 3200L	Environmental & Hydraulics Eng. Lab	1
EEL 3003	Intro to Electrical Engineering	3
*COP 3014	Fundamentals of Comp. Program	3
ABE 3614	Bio-Thermodynamics	2
	Semester Hours	16

YEAR 3 SPRING

Course	Title	Hours
CEG 3011	Soil Mechanics	3
CWR 4101	Engineering Hydrology	3
ABE 3212	Natural Resources Conservation Eng.	3
ABE 3212L	Natural Resources Conservation Eng. Lab	1
ABE 3013	Intro to Design Analysis	3
	Semester Hours	13

YEAR 3 TOTAL 29

YEAR 4 FALL

Course	Title	Hours
ABE 4042	Senior Design Project I	2
MAP 2302	Differential Equations	3
XXXX	Science, Math, or Engineering Elective	3
ABE 4224	Non-Point Source Pollution	3
EGN 3331	Strength of Materials	3
	Semester Hours	14

YEAR 4 SPRING

Course	Title	Hours
ABE 4043	Senior Design Project II	2
ABE 3650	Engineering Properties of Biological Materials	3
EGN 3613	Principles of Engineering Economy	2
XXXX	Engineering Elective	3
XXXX	Engineering Elective	3
	Semester Hours	12

YEAR 4 TOTAL 26

CURRICULUM TOTAL 128