Biological Systems Engineering Flowchart, 2015-2016 (128 credits)
Bioenvironmental Engineering Option

Semester 1
- ENGR 101: Orientation (3 cr) [F/S]
- ABE 170: Engr Graphics (3 cr) [F/S]
- MATH 165: Calc I (4 cr) [F/S/SS]
- ENGL 150: Crit Thinking (3 cr) [C or Better]
- LIB 160: Lib Instruction (1 cr) [F/S/SS]
- CHEM 167: Engr Chem (4 cr) [F/S]

Semester 2
- ABE 160: Engr Prob Solving (3 cr) [F/S/SS]
- MATH 166: Calc II (4 cr) [F/S/SS]
- PHYS 221: Class Phys I (5 cr) [F/S/SS]
- SSH Elective (3 cr)

Semester 3
- ABE 216: Fund of ABE (3 cr) [F]
- E&M 274: Stat of Engr (3 cr) [F/S/SS]
- PHYS 222: Class Phys II (5 cr) [F/S/SS]
- BIOL 212: Biol II (3 cr) [F/S/SS]

Semester 4
- ABE 218: Mgmt & Dsn (3 cr) [S]
- E&M 324: Mech of Matl (3 cr) [F/S/SS]
- MATH 267: Diff Eq w/ Laplace (4 cr) [C or Better]
- ABE 201: Work Prep (1 cr) [F/S]

Semester 5
- ABE 316: Adld Num Methods (3 cr) [F]
- E&M 327: Lab (1 cr) [F/S/SS]
- ABE 363: Elec Power/ Electronics (4 cr) [F]
- E&M 378: Mech. of Fluids (3 cr) [F/S/SS]

Semester 6
- ABE 380: Principles of BSE (3 cr) [S]
- CE 372: Engr. Hydrology (3 cr) [F/S]
- M&E 231: Thermodynamics (3 cr) [F/S/SS]
- MICRO 302: Biol of Micro (3 cr) [F/S]

Semester 7
- ABE 415: Ag Engr Dsn I (2 cr) [F/S]
- ABE 404: Engr Decisions (3 cr) [F]
- ABE 480: Engr An of Biol Sys (3 cr) [F]
- ABE 431: Dan/Eval of Conserv (3 cr) [F]

Semester 8
- Bio Environ Elective I (3 cr)
- ABE 416: Ag Engr Dsn II (2 cr) [F/S]
- ABE 410: Engr Perspective (3 cr) [F/S]
- US Diversity (3 cr)
- Comm Elective (3 cr) [C or Better]

Legend:
- Co-Requisite Course
- Basic Program
- Pre-Requisite Course
- Course and term offerings are subject to change.

Semesters Offered:
- F = Fall Session
- S = Spring Session
- SS = Summer Session