BIOLOGICAL SYSTEMS ENGG. - Biological Option (127 hours)
Effective Spring 2021 (revised 4/2023)

**FRESHMAN**
- BAE 101 (1) Intro BAE Tech
- MATH 220 (4) Calculus I
- CHM 210 (4) Chemistry I
- COMM 105 (2) Public Spkg IA
- ENGL 100 (3) Expository I
- BAE 020 (6) BAE Seminar

**SOPHOMORE**
- BAE 131 (1) Bio Sys Enng Proj I
- BAE 222 (4) Calculus 2
- CHM 230 (4) Chemistry II
- BOL 198 (4) Prin of Biol
- ECON 110 (3) Macroeconomics
- BAE 020 (6) BAE Seminar

**JUNIOR**
- BAE 231 (1) Bio Sys Enng Proj II
- MATH 222 (4) Calculus 3
- PHYS 213 (5) Engg Phys I
- CHM 351 (3) Gen Org Chem
- ENGL 415 (3) Writ Comm Engrs
- BAE 020 (6) BAE Seminar

**SENIOR**
- BAE 331 (1) Bio Sys Enng Design
- BAE 536 (3) Bio Sys En Sr Des
- BAE 530 (2) Engg Econ Anal
- BAE 640 (3) Inst & Control

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* Humanities and Social Science electives must be chosen from the official list and also satisfy K-State 8 Gen Ed overlay requirements
** OR CE 333
*** Track electives must be from the official BAE list; see advisor

Arrows to front of course box indicates prerequisite course
Arrows to side of course box indicates p/c, where:
p/c = preq. or concurrent requirement