

U.A. Whitaker College of Engineering

Bachelor of Science (BS) Bioengineering

FGCU Course	FSW Course
BSC 1010C General Biology I with Lab.*	BSC 1010/L Biological Science I and Lab*
MAC 2311—Calculus I*	MAC 2311—Calculus I*
MAC 2312—Calculus II*	MAC 2312—Calculus II*
MAP 2302—Differential Equations*	MAP 2302—Differential Equations*
CHM 1045/L—Chemistry I and Lab*	CHM 2045/L—Chemistry I and Lab*
CHM 1046/L—Chemistry II and Lab*	CHM 2046/L—Chemistry II and Lab*
EGS 1006L—Introduction to Engineering Profession*	EGS 1001—Introduction to Engineering*
PHY 2048C—General Physics I*	PHY 2048/L—General Physics I with Lab*
PHY 2049C—General Physics II*	PHY 2049/L—General Physics II with Lab*
STA 2023—Statistical Methods *	STA 2023— Statistical Methods*
EGN 1041C—Computational Tools for Engineers*	NO EQUIVALENT CLASS AT FSW; TRANSIENT AT FGCU
EGM 3420C—Engineering Mechanics*	NO EQUIVALENT CLASS AT FSW; TRANSIENT AT FGCU
EGN 3433C—Design for Manufacturing*	NO EQUIVALENT CLASS AT FSW; TRANSIENT AT FGCU
BME 3403C—Human Phys. For Engineers I*	NO EQUIVALENT CLASS AT FSW; TRANSIENT AT FGCU

Important Notes:

- *These courses should be completed along with the AA degree at FSW. These courses are milestones to be completed prior to coming to FGCU.
- It is recommended that students are calculus-ready (MAC 2311) when entering FSW.

Students are **strongly encouraged** to complete these courses as part of their AA degree to stay on track for a timely graduation. Any remaining prerequisite courses not completed during the AA may delay graduation.