

Bioelectronics & Biophotonics Minor DRAFT

2019-2020 Curriculum Chart

This major cannot be combined with: the Bioelectronics concentration of the former Bioengineering major, the EE BS, or the EE minor

Mathematics & Statistics

MATH 19A
Calculus

AM 10
Math Methods for
Engineers I

OR

MATH 21
Linear Algebra

MATH 19B
Calculus

AM 20
Math Methods for
Engineers II

OR

MATH 24
Ordinary Differential
Equations

Physics

PHYS 5A/L
Intro to Physics I/Lab

PHYS 5C/N
Intro to Physics III/Lab

Computer Engineering

CSE 12/L^Ω
Computer Systems &
Assembly Language/Lab
[Strongly recommended to take one
of these classes prior: CMPS 5J, 5P,
10 or equivalent]

CSE 13E
Embedded Systems & C
Programming/Lab

CSE 100/L
Logic Design/Lab

Biology & Biotechnology

(Pick one)

BME 140
Bioinstrumentation

ECE 104
Bioelectronics &
Bioinstrumentations

ECE 130/L
Introduction to
Optoelectronics and
Photonics/Lab

Electronics

ECE 101/L
Intro to Electronic
Circuits/Lab

ECE 121
Microcontroller System
Design

ECE 103
Signals & Systems

ECE 167/L
Sensing & Sensor
Technology/Lab

Bioelectronics & Biophotonics Minor DRAFT

2019-2020 Curriculum Chart

This major cannot be combined with: the Bioelectronics concentration of the former Bioengineering major, the EE BS, or the EE minor

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____