

# Bioelectronics & Biophotonics Minor

## 2020-2021 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<sup>Ω</sup>**  
Computer Systems &  
Assembly Language/Lab  
[Strongly recommended to take one  
of these classes prior: CSE 20 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

**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

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Fall _____	Winter _____	Spring _____	Summer _____

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