

Assistive Technology Minor 2022-2023 Curriculum Chart

This minor cannot be combined with the Assistive Tech concentration of the former Bioengineering major or the Robotics Engineering BS

ECE 121, ECE 141, and ECE 167 cannot also be used to satisfy Electrical Engineering B.S. electives

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

Science

PHYS 5A/L
Intro to Physics I/Lab

PHYS 5C/N
Intro to Physics III/Lab

CHEM 1A
General Chemistry

BIOL 20A
Cell & Molecular Biology

BIOE 20B
Development &
Physiology

METX 135/L
Functional Anatomy/Lab

Computer Engineering

CSE 12
Computer Systems &
Assembly Language/Lab
[Prerequisite(s): CSE 20, or CSE
30, or BME 160, or equivalent]

ECE 13
Computer Systems & C
Programming

CSE 100/L
Logic Design/Lab

Electronics

ECE 101/L
Intro to Electronic
Circuits/Lab

ECE 118
Mechatronics

ECE 103
Signals & Systems

ECE 167*
Sensing & Sensor
Technologies

ECE 121
Microcontroller
System Design

OR

ECE 141*
Feedback Control
Systems

* Additional pre-requisites required

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Fall _____	Winter _____	Spring _____	Summer _____

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