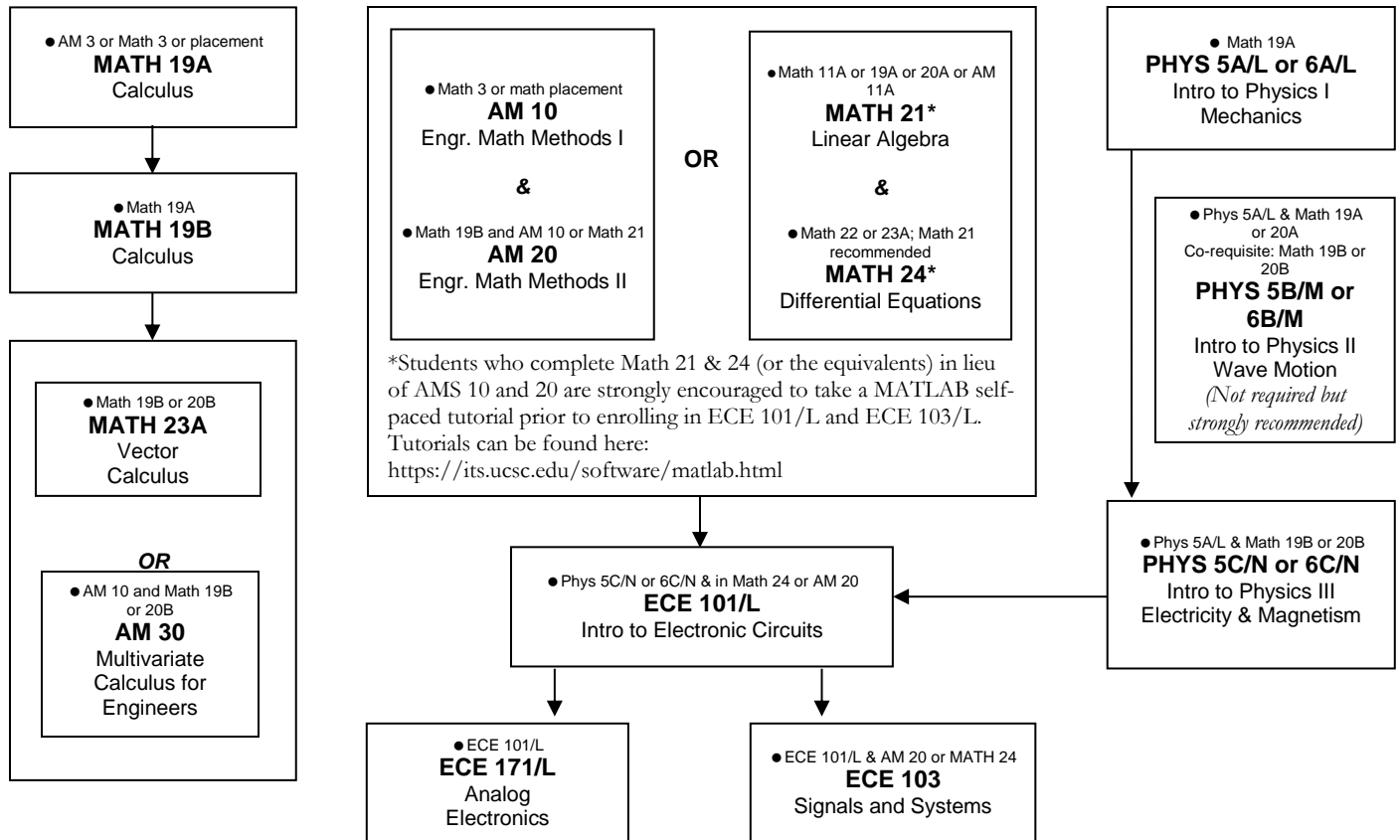


Electrical Engineering Minor 2022-2023 Curriculum Chart



Elective Requirements:

In addition to the above, EE minors must complete at least 15 units of upper-division or graduate-level engineering courses from one track. **Most, if not all elective courses have additional pre-requisites. They are subject to change frequently. Please visit <https://catalog.ucsc.edu/Current/General-Catalog/Courses/ECE-Electrical-and-Computer-Engineering>.**

Communications, Signals, Systems & Controls	Electronics/Optics
ECE 118 Intro to Mechatronics ECE 130/L / 230 Intro Optical Fiber Communication ECE 136 Engineering Electromagnetics ECE 141 / 241 Feedback Control Systems ECE 152 / 252 Wireless Communications ECE 153 / 250 Digital Signal Processing ECE 237 Image Processing and Reconstruction ECE 251 Principles of Digital Communications ECE 253/ CSE 208 Introduction to Information Theory ECE 255 Error Control Coding ECE 256 Statistical Signal Processing CSE 150 Intro Computer Networks	ECE 104 Bio-electronics ECE 118 Intro to Mechatronics ECE 121 Microcontroller System Design ECE 130/L / 230 Intro Optical Fiber Communication ECE 136 Engineering Electromagnetics ECE 141 / 241 Feedback Control Systems ECE 157/L RF Hardware Design/Lab ECE 167 Sensing and Sensor Technologies ECE 172 / 221 Advanced Analog Circuits ECE 173 High Speed Digital Design ECE 175/L Energy Generation and Control/Lab ECE 176/L Energy Conversion and Control/Lab ECE 177/L Power Electronics/Lab ECE 178 Device Electronics ECE 180J Advanced Renewable Energy Sources ECE 201 Introduction to Nanotechnology ECE 203 Nanocharacterization of Materials ECE 231 Optical Electronics

Electrical Engineering Minor 2022-2023 Curriculum Chart

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

Fall _____	Winter _____	Spring _____	Summer _____

<p>Student Name:</p> <p>Staff Advisor:</p> <p>Faculty Advisor:</p>
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