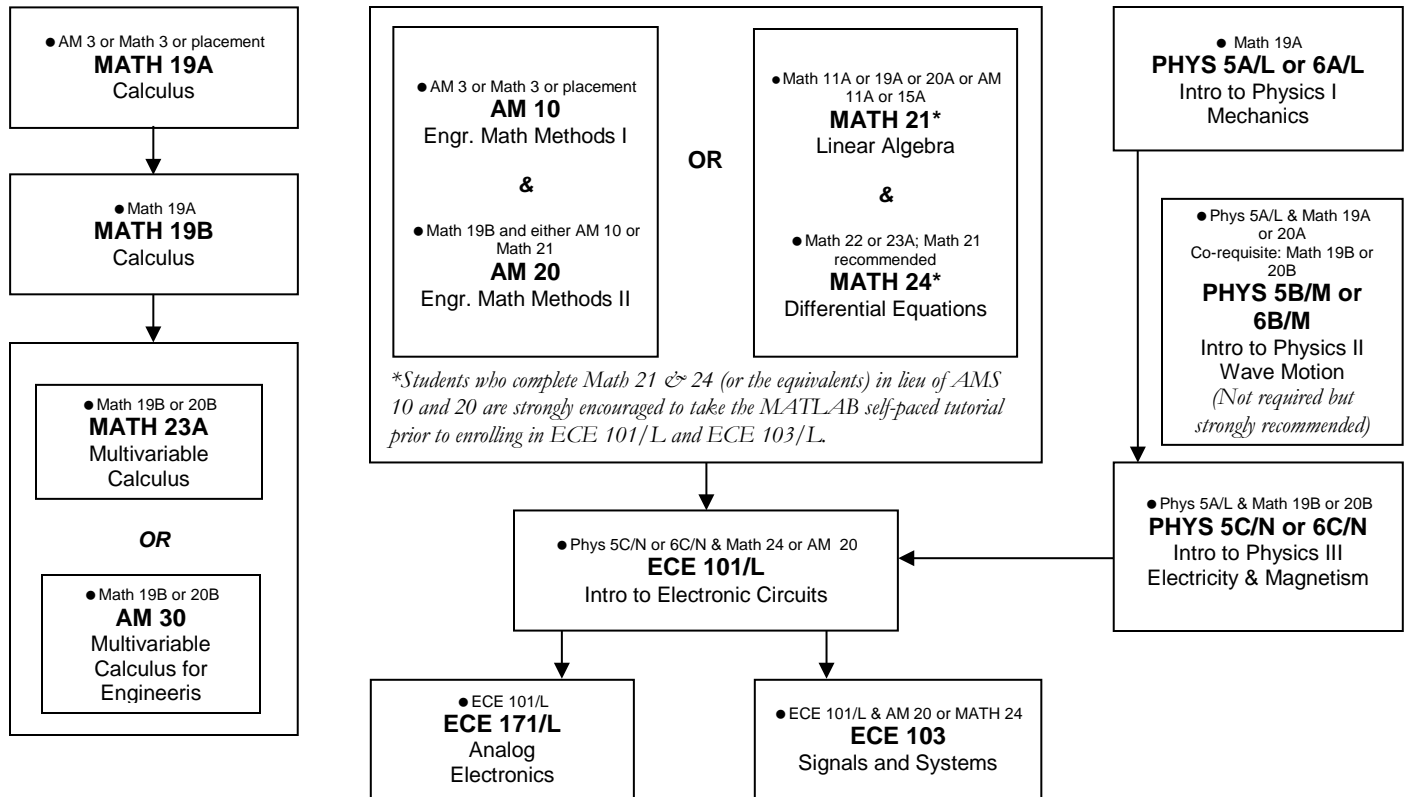


Electrical Engineering Minor 2019-2020 Curriculum Chart



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 <http://courses.soc.ucsc.edu/> to ensure you have met them.**

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

**Electrical Engineering Minor
2019-2020 Curriculum Chart**

| Fall _____ | Winter _____ | Spring _____ | Summer _____ |
|------------|--------------|--------------|--------------|
| | | | |

| Fall _____ | Winter _____ | Spring _____ | Summer _____ |
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| | | | |

| Fall _____ | Winter _____ | Spring _____ | Summer _____ |
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| Fall _____ | Winter _____ | Spring _____ | Summer _____ |
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|------------------|
| Student Name: |
| Staff Advisor: |
| Faculty Advisor: |