# Area Courses
## Mixed-Signal Integrated Circuits

### Fundamental Courses
- EE 448L Communication Electronics
- EE 477L MOS VLSI Circuit Design
- EE 479 Analog Integrated Circuit Design

### Mixed-Signal
- EE 505 Analog, Mixed-Signal, and RF Integrated-Circuit Tape-Out
  - Corequisite: EE 536a
- EE 536ab Mixed-Signal Integrated Circuit Design
  - Corequisite: EE 448L or EE 479
- EE 632 Integrated Communication Systems
  - Corequisite: EE 536a

### VLSI
- EE 577ab VLSI System Design
  - Corequisite: EE 477L

### Devices and Processes
- EE 504L Solid-State Processing and Integrated Circuits Laboratory
- EE 508 Nano-Fabrication Lithography
- EE 582 CMOS: Nano Neuromorphic Circuits
- EE 507 Micro- and Nano-Fabrication Technology
- EE 537 Modern Solid-State Devices
- EE 637L Current and Future Computing Devices and Technology
  - Corequisite: EE 537

### Legend
- **Grouping**
  - EE 000 Course Title
  - Prerequisite Courses
  - Corequisite Courses

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This chart shows course relationships. Please check the University Catalogue for specific course details including any recommended preparatory courses and Degree Requirements.