ELECTRICAL ENGINEERING

Physical Electronics Recommended Schedule 2012-2013

| Lower Division | | Upper Division |
|---|--------|---|
| Freshman Year Math 21A - Calculus ECS10/ECS 30 - Programming English - UWP 1 or English 3 or Comp Lit 1, 2, 3 or 4 or NAS 5 | Fall | Junior Year Fall EEC 100 - Circuits II EEC 140A – Device Physics EEC 180A – Digital Systems |
| EEC 1 – Intro to ECE Math 21B - Calculus Chemistry 2A - General Chemistry ECS30/GE Elective | Winter | Winter EEC 110A - Electronic Circuits EEC 130A – Electromagnetics EEC 150A – Signals and Systems Upper Division Comp Requirement |
| Math 21C - Calculus Physics 9A - Classical Physics ENG 6 - Engineering Problem Solving GE Elective | Spring | EEC 110B – Electronic Circuits II EEC 130B – Electromagnetics II EEC 140B – Device Physics II GE Elective |
| Sophomore Year Math 21D - Vector Analysis Physics 9B - Classical Physics EEC 70 - Assembly Language GE Elective | Fall | Senior Year Fall EEC 196 – Issues in Eng. Design EEC 116 – VLSI Design EEC 136A – Electronic Design Project †EEC 132A – RF & Micro in Wireless Comm |
| Math 22A - Linear Algebra Physics 9C - Classical Physics CMN 1 - Public Speaking or CMN 3 - Group Communication GE Elective | Winter | **Winter* †EEC 112 – Communication Electronics EEC 136B – Electronic Design Project EEC 146A – Integrated Circuits Fabrication Technical Elective GE Elective |
| Math 22B - Differential Equations Physics 9D - Modern Physics ENG 17 – Circuits I GE Elective | Spring | * EEC 118 – Dig Integrated Circuits * EEC 146B – Adv. Integrated Circuit Fab EEC161 – Probability & Statistics ENG 190 – Professional Responsibilities Technical Elective |

^{*} Will not be offered this academic year, may change for future years

[†] Take one of these three

For assistance with schedule modifications, consult the ECE Staff Advisor