

ECE Scheduling Plan

To assist the department in making effective use of university resources and to minimize avoidable delays in their progress toward graduation, students are advised to plan their courses far in advance. The majority of required electrical and computer engineering courses are offered every semester. However, in order to make efficient use of resources, a few courses, selected to have minimal impact on student progress, are offered only once a year. A list of courses planned to be offered once a year includes:

Electrical Engineering Required		Computer Engineering Required	
fall only	spring only	fall only	spring only
ECE 387, 388	ME 253	ECE 387, 388	ME 253
ECE 301	ECE 302	ECE 301	ECE 302
ECE 428	ECE 311	ECE 358	ECE 437
ECE 436	ECE 333	ECE 368	ECE 362
	ECE 362	ECE 485	

Please be aware that the engineering department strives to give students the maximum flexibility to complete the degree requirements in a timely manner. In the past, we have been able to offer ECE 301 and ECE 362 each semester; *starting in the fall 2010*, we will offer *ECE 301 in the fall* and *ECE 362 in the spring only*. If you have any questions or concerns as to how the above offering will affect your progress towards your degree, please consult your advisor.

In order to help students with planning, the following technical elective and graduate course schedule is proposed.

Semester	Undergraduate Technical Elective		Graduate
	Electrical	Computer	
Fall 09	ECE 474, ECE 485	CS 321, CS 360	ECE 565
Spring 10	ECE 460, ECE 465	ECE 465, CS 384	ECE 538
Fall 10	ECE 474, ECE 485	CS 321, CS 360	ECE 502
Spring 11	ECE 460, ECE 465	ECE 465, CS 384	ECE 547
Fall 11	ECE 474, ECE 485	CS 321, CS 360	ECE 565
Spring 12	ECE 460, ECE 465	ECE 465, CS 384	ECE 538

This is a tentative list. Additional technical elective courses may be offered by other departments. Moreover, in the future, as enrollment demand increases and resources allow, the department hopes to be able to offer additional elective courses at both the undergraduate and graduate levels.

ECE 428 Modern Communication Systems
 ECE 460 Power Electronics
 ECE 465 Embedded Microprocessors
 ECE 474 Introduction to RF Circuits Design
 ECE 485 Embedded Real-time Operating System

CS 321 Computer Graphics
 CS 360 Software Engineering
 CS 384 Numerical Analysis

ECE 502 Linear Control Theory
 ECE 538 Digital Signal Processing

ECE 565 Computer Architecture
 ECE 547 Intro. to Communication Networks