

**ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT**  
 The Henry Samueli School of Engineering and Applied Science  
 University of California, Los Angeles

**PROGRAM OF STUDY FOR THE Ph.D. DEGREE**

(Please consult Ph.D. Program requirements)

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

UID#: \_\_\_\_\_ Email Address: \_\_\_\_\_

Major Area:  Circuits & Embedded Systems     Physical & Wave Electronics     Signals & Systems

Advisor: \_\_\_\_\_ Qtr. Admitted into PhD Program: \_\_\_\_\_

Planned Date of Completion of the Program (quarter): \_\_\_\_\_

<b>COURSE NUMBER</b> (E.G., ECE 210A)	<b>COURSE TITLE</b>	<b>INSTRUCTOR</b>	<b>QUARTER TAKEN (OR TO BE TAKEN)</b>
1. ECE _____			
2. ECE _____			
3.			
4.			
5. ECE 297	Seminar Series: Elec. Engineering		
6. ECE 295	Technical Writing for Elec. Engrs.		
7.			

**NOTE: None of the courses listed above may be applied to any other degree.**

\_\_\_\_\_  
 Signature of **Student** Date

\_\_\_\_\_  
 Signature of **Student's Faculty Advisor** Date

\_\_\_\_\_  
**For Office Use Only**

\_\_\_\_\_  
 Signature of **Student Affairs Officer** Date

## GENERAL INSTRUCTIONS

1. This form may not be completed in pencil. Please submit form to the ECE Graduate Student Affairs Office after obtaining your Faculty Advisor's signature.
2. The entry under "Course Number" on your PROGRAM OF STUDY should be the number that the course had when you took it, or will have when you plan to take it. In this way, the entry on your PROGRAM OF STUDY will coincide with the entry that will appear on your transcript.
3. If, later, you need to change the program that you are now submitting, you may re-submit the form to your faculty advisor for signature, and then to the ECE Graduate Student Affairs Office.

## PROGRAM REQUIREMENTS FOR THE Ph.D. DEGREE IN ELECTRICAL AND COMPUTER ENGINEERING

The selection of courses for the Ph.D. Graduate Program is tailored to the student's professional objectives and must meet the minimum requirements stated below. The courses should be selected and approved in consultation with the student's faculty advisor. Departures from the stated requirements are considered only in exceptional cases and must be approved by the Department Vice-Chair of Graduate Affairs. Normally, a student will take additional courses to acquire deeper and broader knowledge in preparation for thesis research.

1. **Prerequisite:** M.S. degree in electrical and computer engineering or related field granted by UCLA, or an institution recognized by the UCLA Graduate Division.
2. All Ph.D. requirements should be completed within five (5) academic years from admission into the Ph.D. graduate program in the Samueli School of Engineering.
3. Students must maintain a minimum GPA of 3.5 in the Ph.D. program.
4. Students must complete the following requirements:
  - Four (4) formal *graduate courses* chosen in consultation with the faculty advisor.
  - The ECE 297 graduate *seminar* series course.
  - The ECE 295 *technical writing* course.
  - The student may not apply any ECE 500-level courses, other seminar courses, or the courses ECE 296 and ECE 375, toward the course requirements.
  - Pass the Ph.D. Preliminary Examination, which is administered by the department and takes place once every year. In case of failure, the student may be re-examined only once subject to approval by the Vice-Chair of Graduate Affairs.
  - Pass the Ph.D. Oral Qualifying Examination, which is administered by the doctoral committee.
  - Complete a Ph.D. Dissertation under the direction of the student's faculty adviser.
  - Defend the Ph.D. Dissertation in a public seminar with the doctoral committee.
5. A formal graduate course is defined as any 200-level course excluding seminar courses. Formal graduate courses taken by the student to meet the M.S. degree requirements **cannot** be applied toward the Ph.D. course requirements.
6. At least two of the formal graduate courses must be in Electrical and Computer Engineering.
7. Within 2 academic years from admission into the Ph.D. program, all courses should be completed and the Ph.D. Preliminary Examination should be passed. It is strongly recommended that students take the Ph.D. Preliminary Examination during their first academic year in the Ph.D. program.
8. The Ph.D. Oral Qualifying Examination must be taken when all required courses are complete, and within **three (3) years** of beginning the PhD program requirements or completing the MS Program requirements (whichever occurs later).
9. Students admitted originally to the M.S. program in the Electrical and Computer Engineering Department must complete all M.S. program requirements with a GPA of at least 3.5 in order to be considered for admission into the Ph.D. program.
10. Students must nominate a doctoral committee prior to taking the Ph.D. Oral Qualifying Examination. The doctoral committee consists of a minimum of four members. All members must read, approve, and certify the dissertation.