MSEE Graduate Handbook

Resources

Graduate Student Success Center (GSSC)

COE Graduate Program Coordinator: Dr. Feike Leij
Feike.Leij@csulb.edu
562.985.5119

COE Senior Graduate Academic Specialist: Ms. Helen Yohannes Abeye
helen.yohannes@csulb.edu

Electrical Engineering Department

EE Department Chair: Dr. Ebrahim Amiri
(Ebrahim.amiri@csulb.edu)
562.985.1517

EE Department Graduate Coordinator
(hossein.jula@csulb.edu)
(562.985.8043)

Administrative Support Coordinator: Ms. Rowena Moore
Rowena.Moore@csulb.edu
562.985.8050

Administrative Support Assistant: Ms. Dyani Park
Dyani.Park@csulb.edu
562.985.8043

Library Information & Support EN2-109

COE Librarian: Ms. Hema Ramachandran
Hema.Ramachandran@csulb.edu
562.985.5749 (Main Library)
562.985.2304 (Dudley Library, EN2-109) Dudley Hours: M-F 9am-5pm

Writing and Communication Resource Center, VEC 128B

Program Director: Dr. Maryam Qudrat
Maryam.qudrat@csulb.edu
562.985.7818
Hours: M-F 9am-5pm*

General Program Requirement (15 units)

- EE 508 – Probability Theory & Random Process (3)
- EE 511 – Linear Systems Analysis (3)
- EE 588 – DSP for MMO Communication Systems (Communications, Networking and DSP Course – 3)
- EE 531 – CMOS Electronics (Electronics and Digital Course – 3)
- EE 554 – Power Systems and Applications (Power and Control Course – 3)

Any EE Graduate Courses (15 units)

Not including general program requirement courses

Comp Exam Route: Any **Five (5)** MSEE Courses

OR

Thesis Route: Any **Three (3)** MSEE Courses, Thesis (6)

IMPORTANT NOTE

- EE 400D (Design Project), EE 490 (Special Problems) and EE 405 (Special Topics) are ***NOTACCEPTED*** in the graduate program.
- A graduate student should ***ALWAYS*** maintain GPA of at least 3.0 in eachsemester. ***OTHERWISE***, the students will be in academic warning (probation).

Concentrations

- **Power, Control Systems**
- **Electronics, Digital Systems**
- **Biomedical Engineering**
- **Communications, ~~Networking,~~ Digital Signal Processing, Machine Learning**

Advancement to Candidacy

- Completion of any deficiency requirement (for the students admitted in a conditionally classified status),
- Completion of at least 9 units of graduate requirement with GPA of 3.0 or higher,
- Be currently enrolled,
- Selection of culminating activity (comprehensive exam or thesis).

Note: Every course must be pre-approved and every step must be completed before approaching the advisor, requesting advancement to candidacy.

Comprehensive Exam Schedules

Fall

First Friday of October

Spring

First Friday of March

Curricular Practical Training (CPT)

CPT program provides international graduate students in the College of Engineering an opportunity to gain practical experience in their fields of study. To qualify for CPT, the student must have:

- at least one academic year of enrollment in valid F-1 status
- at least 9 units of the required graduate classes
- been Advanced to Candidacy
- be in good academic standing

Once a student is offered a CPT internship opportunity, and upon approval by the office of International Student Services, he/she must complete an independent study agreement and register for ENGR 691 (1 unit) through CCPE with a full-time COE professor who agrees to supervise him/her and meet with the student regularly per an agreed schedule throughout the semester.

At the end of the semester, a complete technical report, including an overview of the technical areas and activities engaged in, the problems encountered and the solutions provided, must be submitted to supervising professor and must earn a passing grade.

Note: This class can be repeated up to three times.