

Accelerated Undergraduate-Graduate Programs

Computer Engineering - Accelerated Undergraduate-Graduate Program (B.S.Cp.E. / M.S.Cp.E.)

College of Engineering and Computer Science
Department of Electrical and Computer Engineering,
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Admission Requirements

- See Common Program Prerequisites
- Qualified students may apply after completion of a minimum of 64 credit hours
- Completion of no more than 96 credit hours
- Completion of the GRE with a highly competitive score by the end of first semester of the senior year
- Admission is not automatic. Interested students may need to be interviewed.
- Admission to the Accelerated Program does not guarantee formal admission to the MSPE program.

Degree Requirements

- None
- 1. **UCF General Education Program (GEP)** (38 hrs)
 - See Computer Engineering major in the catalog for track GEP requirements.

A: Communication Foundations

B: Cultural & Historical Foundations

C: Mathematical Foundations

D: Social Foundations

E: Science Foundations

- 2. **Common Program Prerequisites (CPP)** (19 hrs)
 - See Computer Engineering major in the catalog for the CPP requirements.

- 3. **Core Requirements: Basic Level** (2 hrs)

Computer Engineering: Basic Core	2 hrs
EGN 1007C Engineering Concepts and Methods	1 hr
EGS 1006C Introduction to the Engineering Profession	1 hr

- 4. **Core Requirements: Advanced Level** (48 hrs)

- None

5. Restricted Electives

■ Technical electives should be taken at the 5000 level and are available in the BSCpE program to address specific student interests in a variety of technical areas. Students should consult with their academic advisor for identification of courses that are approved technical electives and the terms when specific courses of this type are to be offered.

Technical Electives 15 hrs

- Technical elective courses are to be selected by the student from department approved courses.

- 6. **Capstone Requirements** (6 hrs)

EEL 4914 Senior Design I	3 hrs
EEL 4915L Senior Design II	3 hrs

7. Foreign Language Requirements

Admissions

- Two years of one foreign language in high school, or one year of one foreign language in college (or equivalent proficiency exam) prior to graduation.

Graduation

- None

8. Electives

- None

9. Additional Requirements

- 24 of 32 residency hours must be 3000-5000 level courses taken from the EECS Department at UCF and applicable to the undergraduate degree program.

10. Required Minors

- None

11. Departmental Exit Requirements

- CECS encourages all engineering students to take the Fundamentals Exam during their Senior year.

12. University Minimum Exit Requirements

- A 2.0 UCF GPA
- 60 semester hours earned after CLEP awarded
- 48 semester hours of upper division credit completed
- 30 of the last 39 hours of course work must be completed in residency at UCF.
- A maximum of 45 hours of extension, correspondence, CLEP, Credit by Exam, and Armed Forces credits permitted.
- Complete the General Education Program, the Gordon Rule, and nine hours of Summer credit.

Total Undergraduate Hours Required

- 128

Total Combined Hours Required

- 146

Honors In Major

- None

Related Programs

- Computer Science
- Electrical Engineering
- Information Technology
- Mathematics - Engineering/Physics Track
- Physics

Certificates

- None

Related Minors

- Information Technology
- Intelligent Robotic Systems (IRS) - Interdisciplinary
- Engineering Leadership

Advising Notes

The following will be waived for this joint

degree program:

- The limit of nine hours to be shared between undergraduate and graduate programs.
- Undergraduate students taking graduate courses must be within nine hours of graduation.
- Undergraduate students taking graduate courses must not register for more than a total of twelve hours in that semester.
- Undergraduate students are not eligible to take 6000-level courses.

Transfer Notes

- None

Acceptable Substitutes for Transfer Courses

- None

Shared Courses

(12 hrs)

- Up to 12 credit hours of approved 5000 level courses of grades B (3.0) or better may be counted towards the BS and Masters degrees. These 12 credit hours will meet either technical elective or course requirements for the major. Contact the EE/CpE Graduate Coordinator in the Electrical Engineering & Computer Science department for acceptable courses.

Graduate Courses Link

- None

Program Academic Learning Compacts

- Program Academic Learning Compacts (student learning outcomes) for undergraduate programs are located at:
http://www.oas.ucf.edu/alc/academic_learning_compacts.htm

Equipment Fees

- Part-Time Student: \$30 per term
- Full-Time Student: \$60 per term