

# DIVISION OF ENGINEERING LEADERSHIP AND PROFESSIONAL PRACTICE

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**More Information:** <https://engineering.case.edu/division-engineering-leadership-professional-practice>

The Division of Engineering Leadership and Professional Practice (DELPP) designs, develops and administers programs and opportunities which complement and enhance the curricular offerings in the Case School of Engineering.

The DELPP staff is committed to serving all engineering undergraduate and graduate students. We work closely with students, faculty, staff, and off-campus organizational representatives to deliver experiences designed to promote excellence in engineering education.

## Mission

The mission of the Division of Engineering Leadership and Professional Practice is to support, through teaching and educational research, the Case School of Engineering's educational programs, student programs, and outreach activities at all academic levels: PreK-12, undergraduate, graduate, and continuing education.

The activities supported by DELPP include optional academic programs that enhance the engineering curriculum, such as Cooperative Education and the Dual Degree undergraduate programs, as well as global programs, leadership exposure and opportunities, and professional practice.

## Cooperative Education for Undergraduate and Graduate Engineering Students

Undergraduate Cooperative Education is an academic program that enables students to alternate classroom studies with career-based experiences in industry. It is a learning experience designed to integrate classroom theory with practical experience and professional development. Co-op is a paid full-time work experience designed to maximize the student's education. Co-op assignments are typically for a seven-month period consisting of a summer and a contiguous spring or fall semester. Co-op is available to students who have completed 4-5 semesters of coursework, are in good academic standing, registered as a full-time student, and pursuing a degree in engineering, engineering physics, or computer science. Registration in this course will serve to maintain full-time student status for the period of time that the student is on a co-op assignment.

Graduate Cooperative Education is an academic program designed for graduate students to enhance their classroom, laboratory, and research learning through participation and experience in various organizational/industrial environments where theory is applied to practice. Co-op is a paid full-time work experience for one seven-month period. Students must obtain approval from their academic advisor prior to accepting a co-op position. Graduate cooperative education experiences may be integrated with the student's thesis or research project areas, or be solely for the purpose of gaining professional experience related to the student's major field of study. Registration in this course will serve to

maintain full-time student status for the period of time the student is on a co-op assignment. A large variety of companies hire and train the co-op students providing quality and challenging experiences.

For additional information, please contact Genine Apidone 216.368.5024.

## Dual Degree (3+2) Engineering Program

The Dual Degree (3+2) Engineering Program enables superior undergraduate students, enrolled at approximately forty participating liberal arts colleges in the continental United States and Puerto Rico, to combine a strong liberal arts foundation with the study of engineering. While enrolled at a cooperating liberal arts college, students complete courses in mathematics, chemistry, physics, and computer science in addition to studies in the humanities and social sciences. Students complete these courses during their first three years and must obtain the approval of the designated faculty liaison at the liberal arts college prior to admission to the Case School of Engineering.

Qualified candidates continue at the Case School of Engineering for an additional two years of concentrated coursework in an engineering field. At the conclusion of five years, two baccalaureate degrees are awarded: one from the liberal arts college and the other in the Bachelor of Science in Engineering degree program from Case Western Reserve University.