Multidisciplinary experiences are also offered through the Creative Realities in Media and Entertainment program. This program is designed for students who are interested in the intersection of technology, art, and design. It provides a unique opportunity for students to explore the intersection of technology, art, and design. This program is open to students from all majors and provides a multidisciplinary approach to the study of technology, art, and design. The program includes courses in computer science, art, and design, as well as a capstone project that provides students with the opportunity to apply their knowledge and skills in a real-world setting. The program is designed to prepare students for careers in a wide range of fields, including digital media, entertainment, and design.
The educational objectives of the Computer Engineering undergraduate program are for its graduates to:

• Contribute to their employers, organizations, and communities.
• Be leaders in their professions around the world and expand engineering knowledge in a variety of communities.
• Practice and exhibit high ethical values and communicate effectively with colleagues and the public.
• Pursue advanced degrees or become engineers, researchers, innovators, consultants, or entrepreneurs.

Students are encouraged to participate in the activities of the student chapters of the Institute of Electrical and Electronic Engineers (IEEE) and the Association for Computing Machinery (ACM). An interest in robotics can be pursued by joining the Engineering Design Team, a College of Engineering student group. Qualified students will be invited to join Eta Kappa Nu, the honor society for electrical and computer engineers.

BS in Engineering Physics

The BS in Engineering Physics is offered by the Department of Electrical and Computer Engineering (College of Engineering) in association with the Department of Physics (College of Liberal Arts and Sciences).

The Engineering Physics major bridges the gap between science and technology by combining a strong background in physics and mathematics with exposure to the most fundamental areas of engineering. The program is based on the recognition that most engineering disciplines are rooted in the field of physics, and that new and emerging technologies rarely fall neatly within a single engineering discipline but often straddle different fields. The program highlights, for instance, the subtle and deep relations between materials science and civil engineering, between solid-state physics and chemical engineering, and between electromagnetics and telecommunication engineering.

This training is especially well suited to students who wish to pursue careers in research and development in advanced technology and applied science. In particular, students majoring in this program are well qualified to pursue graduate studies in most areas of engineering and applied physics. They may also pursue a master’s degree in education, thus qualifying to teach physics in high school.

The content of this program strongly emphasizes topics in physics and mathematics; however, this curriculum also gives students great flexibility in the choice of topics for technical electives. Students can customize their curriculum by choosing three technical elective courses from many fields.

The educational objectives of the Engineering Physics undergraduate program are for its graduates to:

• Contribute to their employers, organizations, and communities.
• Be leaders in their professions around the world and expand engineering knowledge in a variety of communities.
• Practice and exhibit high ethical values and communicate effectively with colleagues and the public.
• Pursue advanced degrees or become engineers, researchers, innovators, consultants, or entrepreneurs.

Students interested in the Engineering Physics major should contact the Department of Electrical and Computer Engineering at e (uslenghi@uic.edu) or (ecestudentaffairs@uic.edu).

Accreditation

• The computer engineering program at UIC is accredited by the Engineering Accreditation Commission of ABET
• The electrical engineering program at UIC is accredited by the Engineering Accreditation Commission of ABET
• The engineering physics program at UIC is accredited by the Engineering Accreditation Commission of ABET

Degree Programs

• BS in Electrical Engineering
• BS in Computer Engineering
• BS in Engineering Physics

Minors

• Minor in Electrical Engineering
• Minor in Computer Engineering