ECS MINORS

Engineering & Computer Science (ECS)

ECS 1101  ECS Leadership Development Seminar (1)
Pre-requisite(s): For engineering and computer science students only
Provides insights into a student's present leadership strength and
development needs. Prepares students for leadership positions,
focusing on topics such as a philosophy of leadership, the role of power
and authority in leadership, ethics, and goal setting for leadership
development.

ECS 1V10  Renaissance Scholar: Technology and the Arts (1-3)
Pre-requisite(s): Consent of instructor
A Renaissance Scholar is someone who is conversant across the
entire range of human knowledge, from science to philosophy and
technology to literature. Through the ages, people have strived to find
meaning in their lives, to understand the world around them, and to
use their creativity and ingenuity to improve both. Baylor’s summer
Renaissance Scholar program starts students on the path toward joining
the ranks of the great scholars of the past. Issues of both historical and
contemporary interest are considered from the perspectives of science,
technology, literature, philosophy, theology, and even contemporary film.
Students complement readings in the great texts of the world with the
design, development, and implementation of two ancient engineering
projects. Emphasis is placed on the theory and practical application of
scientific and engineering concepts such as the harnessing of energy
and the mythical stories that have inspired such activity, the desire for
exploration, and the quest for knowledge ranging from ancient tales of
self-discovery to the modern exploration of the cosmos.

ECS 1V90  Special Topics in Freshman Engineering and Computer
Science (1-4)
Introductory topics in engineering or computer science. The course may
be repeated when topics vary.

ECS 2101  ECS Professional Development (1)
Pre-requisite(s): Only open to majors in the School of Engineering and
Computer Science
Personal development and branding, professional etiquette, resume
production, career research, and interviewing skills. Exploration of career
options, including assessments, internships, job search process, and
graduate school admission. Topics will be customized for students
pursuing majors in the School of Engineering and Computer Science.

ECS 3301  Peer Leadership (3)
The class equips students to serve as peer leaders to new students in
their first semester at Baylor.