Computer Engineering

Catalog Year 2021-2022

Legend

* Major Requirement

Must be taken to fulfill major requirements.

† Major Elective

Must be taken to fulfill major requirements, or replaced with an equivalent course.

‡ Gen-Ed Requirement

Must be taken to fulfill general education requirements.

§ Elective

Can be chosen from a selection of courses.

See MyGFU for detailed academic requirements.

First Year

Fall Semester

Engineering Principles I (ENGR 151) *	3 credits
General Chemistry (CHEM 211) *	4 credits
Calculus I (MATH 201) *	4 credits
The Bible (THEO 101) ‡	3 credits
Caring for Words (WRIT 111) ‡	3 credits
Semester Total	**17 credits**
Cumulative Total	**17 credits**

Spring Semester

Second Year

Fall Semester

Digital Logic Design (ENGE 220) *   4 credits
Math/Science Elective (see catalog)

Fourth Year

Fall Semester

Senior Design I (ENGR 481) *	1 credits
Engineering Senior Seminar (ENGR 490) *	1 credits
Data Communications & Networks (CSIS 350) *	3 credits
Discrete Mathematics (MATH 260) *	3 credits
Ethics (THEO 380) ‡	3 credits
Faith and Story (LITR 111) ‡	3 credits
Semester Total	**14 credits**
Cumulative Total	**113 credits**

Spring Semester

Senior Design II (ENGR 482) *	3 credits
Digital Signal Processing (ENGE 480) *	3 credits
Operating Systems (CSIS 460) *	3 credits
The Modern and Postmodern World (HIST 111) ‡	3 credits
Art and Global Culture (ARTP/V 120) ‡	3 credits
Semester Total	**15 credits**
Cumulative Total	**128 credits**