Computer Engineering Flow Chart and Suggested Schedule
See Catalog for details.

Freshman

CSC 1230 C++ Prog. 5cr → CSC 2430 Data Strct 5cr → CSC 2431 Data Str II 5cr

EE 1502 EE & CPE Fund. 1cr

MAT 1234 Calculus I 5cr → MAT 1235 Calculus II 5cr → MAT 1236 Calculus III 5cr

Colloq. (EGR rec.) 1cr

WRI 1000 5cr

WRI 1100 (EGR rec.) 5cr

UFND 1000 5cr

Sophomore

CSC Elective, 3-5 cr
Take any quarter after satisfying pre-req(s). See Catalog for list.

EE 1210 Logic Des 5cr

Concurrent OK

EE 2726 Circuits I 5cr → EE 2727 Circuits II 4cr

Concurrent OK

MAT 2720 Discrete 3cr

MAT 3237 Diff. Eqn. 3cr

MAT 2401, 3237 & 2200 offered multiple quarters

Concurrent OK

PHY 1121 Physics I 5cr → PHY 1122 Physics II 5cr → PHY 1123 Physics III 5cr

Junior

CPE 3760 Comp Org 5cr → CPE 3280 MicroCtrl 5cr

EE 3721 Elect. I 5cr

MAT 2401 Linear Alg 3cr

EGR 2200 Prob/Stat 3cr

EGR 3000 Int. Prep 1cr → **Approved internship is also a pre-req for 4941, see ECS Intern Canvas site** → EGR 4941 Int.Review - 1cr Quarter(s) vary

Senior

CPE 3350 Oper. Sys 3cr

CPE 3550 Comm Sys 5cr

Concurrent OK

EGR 3810 Jr. Design 5cr → CPE 4211 Sr. Des. I 3cr → EGR 4812 Sr. Des. II 3cr → EGR 4899 Sr. Des. III 3cr

CPE 4750, CPE 4760 or EE 3722 5cr

CPE 4750/4760 Offered Alternate Years
CPE 4750/4760 or EE 3722 not used for Comp Eng Req can be Tech Elective

CPE 4750, CPE 4760 or EE 3722 5cr

7-10 credits of Technical Electives: UD EE, CPE, EGR, CSC. See catalog for options ***and*** 3 credits of Math/Science for Breadth Requirement. See catalog for options.

UCOR 2000 (5cr) + UCOR 3000 (5cr) + UFND 2000 (5cr) + UFND 3100 (5cr)
WK-Arts (5cr) + WK-Humanities (5cr) + WK-Social Science (5cr) + WE (5cr)
[CUE (3cr) if not included in one of the WK or the WE] + Foreign Language (if needed) (0-15cr)