

POSSIBLE COURSE SEQUENCE
Bachelor of Science in General Engineering (BSGE)
(8 semesters)

Semester 1 (15 SCH)
Eng 1301 English Composition I Csc 1401 Computer Programming Mth 1303 Differential & Integral Calculus Ssk 1211 Study Skills ① MTH1304 Discrete Mathematics for Engineering

Semester 2 (16 SCH)
Arb 13xx Arabic or Frn x3xx French ② Csc 2302 Data Structures Bio 1401/2 Principles of Biology I or II Phy 1401 Physics I Ssk 1212 Study Skills ①

Semester 3 (15 SCH)
Csc 2303 Advanced Prog./Object-Oriented Programming Egr 3331 Digital Design Mth 2301 Multivariable Calculus Phy 1402 Physics II Ssk 1213 Study Skills ①

Semester 4 (16 SCH) (suitable semester for exchange)
Arb 13xx Arabic or Frn x3xx French ② Arb/Frn Che 1401 General Chemistry I Mth 2303 Linear Algebra & Matrix Theory Eng 2303 Technical Writing CSC 2304 Computer Architecture

Semester 5 (17 SCH) (suitable semester for exchange)
Che 1402 General Chemistry II Egr 2402 Electrical Circuits Lit 230x, Hum 330x, or Phi 2301 ④ Mth 2304 Differential Equations Csc 3352 Computer Communication

Semester 6 (18 SCH)
Csc 3324 Software Engineering I Egr 2302 Engineering Economics Hum 3305, Hum 3306, or Phi 230x ⑦ Mth 3301 Probability and Statistics for Engineers Soc 1301, Psy 1301, SSC 1310, GEO1301 ⑧ Com 1301 Communication through Speaking

Semester 7 (18 SCH)
Csc 3326 Database Systems Egr 3306 Engineering Instrumentation I Egr 3308 Thermal Engineering His x301 or Psc 2301 History or Political Science ③ CSC 3351 Operating Systems CSC Adv 1 ⑥

Semester 8 (17 SCH)
CSC Adv 2 ⑥ Egr 3402 Statics & Dynamics Egr 4402 Capstone Design Egr 3304 Materials Science Elective

Summer Session (3 SCH)
Egr 4300 Internship ⑤

TOTAL SCH: 135

Notes:

- ① Ssk121x courses should be taken in the first semesters.
- ② Arb 13xx or Frn x3xx: Registration by placement tests only.
- ③ His 1301, His 2301, **or** Psc 2301.
- ④ Lit 2301, Hum 3301, Hum 3302, Hum 3303 (Arabic version), **or** Phi 2301.
- ⑤ Two options: (1) Internship in the summer, **or** (2) 7-SCH Internship for 4-6 months: Internship + Capstone.
- ⑥ Csc Adv: Csc 3309, 3325, 3327, 3328, 3341, 3353, 3354, **or** 3355
- ⑦ Select one course: Hum 3305, Hum 3306, **or** Phi 230x
- ⑧ Select one course: Soc 1301, Psy 1301, SSC 1310 or GEO1301

This sequence is subject to change at any time by appropriate action of the University.