

**POSSIBLE COURSE
 SEQUENCE**
**Bachelor of Science in General
 Engineering**
(9 Semesters)

BSGE

Semester 1 (14 SCH)

Arb 13xx	Arabic
Csc 1401	Computer Programming I
Mth 1303	Differential & Integral Calculus
Ssk 1201	Skills for Learning and Research
Ssk 1203	Computer Skills for Independent Learning

Semester 2 (14 SCH)

Csc 2302	Data Structures
Mth 1304	Discrete Mathematics for Engineering
Phy 1401	Physics I
Ssk 1202	Critical Reading and Problem Solving
Ssk 1205	Interpersonal Skills & Social Interaction

Semester 3 (15 SCH)

Csc 2303	Advanced Prog./Object-Oriented Programming
Eng 1301	English Composition I
Mth 2301	Multivariable Calculus
Phy 1402	Physics II
Ssk 1204	Applied Independent Learning Methods

Semester 4 (14 SCH)

Csc 3352	Computer Communication
Egr 3331	Digital Design
Eng 1302	English Composition II
Mth 2303	Linear Algebra & Matrix Theory
Ped 1201	Physical Education: Fitness For Living

Semester 5 (16 SCH)

Che 1401	General Chemistry I
Com 1301	Communication through Speaking
Csc 2304	Computer Architecture
Frn 12xx	French
Egr 2402	Electric Circuits

Semester 6 (16 SCH)

Che 1402	General Chemistry II
Csc 3351	Operating Systems
Egr 2302	Engineering Economics
Mth 2304	Differential Equations
Psy 1301	Introduction to psychology or Soc 1301 or Ssc 1310

Semester 7 (16 SCH)

Bio 1401	Principles of Biology I or Bio 1402
Csc 3324	Software Engineering I
Egr 3304	Materials Science
Egr 3306	Engineering Instrumentation
Mth 3301	Probability and Statistics for Engineers

Semester 8 (15 or 16 SCH)

Arb 13xx or Frn 12xx	Arabic or French
Csc 3326	Database Systems
Csc 33xx	Advanced Computer Science
Egr 3402	Statics & Dynamics
His 1301	History of the Arab World or His 2301 or Psc 2301

Semester 9 (16 SCH)

Csc 33xx	Advanced Computer Science
Egr 3308	Thermal Engineering
Egr 4402	Capstone Design
Lit 2301	Hum 3301/2/6, or Phi 2301
1ST	Elective Course

Summer Session (3 SCH)

Egr 4300	Internship
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TOTAL SCH: 139 - 140

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