

POSSIBLE COURSE SEQUENCE

Bachelor of Science in Computer Science

(9 Semesters)

BSCS

Semester 1 (14 SCH)

Csc 1401 Computer Programming I
 Eng 1301 English Composition I
 Mth 1304 Discrete Mathematics for Engineering
 Ssk 1203 Computer Skills for Independent Learning
 Arb 13xx Arabic

Semester 2 (16 SCH)

Csc 2302 Data Structures
 Mth 1303 Differential & Integral Calculus
 Ssk 1205 Interpersonal Skills & Social Interaction
 Psy 1301 Introduction to psychology **or** Soc 1301
or Ssc 1310
 Ssk 1201 Skills for Learning and Research

Semester 3 (15 SCH)

Csc 2303 Advanced Prog. /Object-Oriented Prog.
 Mth 2301 Multivariable Calculus
 Phy 1401 Physics I
 Che 1401 Chemistry **or** Bio 1401 **or** Bio 1402
 Ssk 1202 Critical Reading and Problem Solving

Semester 4 (16 SCH)

Com 1301 Communication through Speaking
 Csc 33xx Computer Science Major
 Csc 33xx Computer Science Major
 Egr 2302 Engineering Economics
 Phy 1402 Physics II
 Ssk 1204 Applied Independent Learning Methods

Semester 5 (15 SCH)

Eng 1302 English Composition II
 Frn 12xx French
 Csc 33xx Computer Science Major
 Egr 3331 Digital Design
 Ped 1201 Physical Education: Fitness For Living
1st Minor course

Semester 6 (17 SCH)

Arb 13xx **or** Frn 12xx Arabic **or** French
 Csc 2304 Computer Architecture
 Csc 33xx Computer Science Major
 Lit 2301 Major Works of world literature **or** Hum 3301
or Hum 3302 **or** Hum 3306 **or** Phi 2301
2nd Minor course

Semester 7 (15 SCH)

Csc 33xx Computer Science Major
 Csc 33xx Computer Science Major
 His 1301 History of the Arab World **or** His 2301 **or** Psc
 2301
 Mth 3301 Probability and Statistics for Engineers
3rd Minor course

Semester 8 (15 SCH)

Csc 33xx Advanced Computer Science 1
 Csc 33xx Advanced Computer Science 2
1st Elective course
2nd Elective course
4th Minor course

Semester 9 (13 SCH)

Csc 33xx Advanced Computer Science 3
 Egr 4402 Capstone Design
3rd Elective course
5th Minor course

Summer Session (3 SCH)

Egr 4300 Internship

TOTAL SCH: 138 - 139

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

POSSIBLE COURSE SEQUENCE

Bachelor of Science in Engineering & Management Science

(9 Semesters)

BSEMS

Semester 1 (14 SCH)

Arb 13xx	Arabic
Csc 1401	Computer Programming
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 2301	Multivariable Calculus
Phy 1401	Physics I
Ssk 1202	Critical Reading and Problem Solving
Ssk 1205	Interpersonal Skills & Social Interaction

Semester 3 (15 SCH)

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

Semester 4 (14 SCH)

Egr 2302	Engineering Economics
Egr 3331	Digital Design
Eng 1302	English Composition II
Mth 2303	Linear Algebra & Matrix Theory
Ped 1201	Physical Education: Fitness For Living

Semester 5 (15 SCH)

Che 1401	General Chemistry I
Com 1301	Communication through Speaking
Frn 12xx	French
Mgt 3301	Principles of Management
Mth 2304	Differential Equations

Semester 6 (16 SCH)

Che 1402	General Chemistry II
Csc 3324	Software Engineering I
Fin 3301	Business and Corporate Finance
Mth 3301	Probability and Statistics for Engineers
Psy 1301	Introduction to psychology or Soc 1301 or Ssc 1310

Semester 7 (16 SCH)

Csc 3326	Database Systems
Egr 2402	Electrical Circuits
Egr 3304	Materials Science
His 1301	History of the Arab World or His 2301 or Psc 2301
Mgt 3303	Operations Management

Semester 8 (16 SCH)

Csc 3323	Algorithms or Csc 3325
Egr 3402	Statics & Dynamics
Egr 3306	Engineering Instrumentation I
Lit 2301	Major Works of World Literature or Hum 3301 or Hum 3302 or Hum 3306 or Phi 2301
1 st Elective course	

Semester 9 (16 or 17 SCH)

Arb 13xx or Frn 12xx	Arabic or French
Egr 3308	Thermal Engineering
Egr 4402	Capstone Design
Gbu 4401	Advanced Quantitative Methods in Business
2 nd 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.

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
1 ST	Elective Course

Summer Session (3 SCH)

Egr 4300	Internship
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TOTAL SCH: 139 - 140

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