

POSSIBLE COURSE SEQUENCE

Bachelor of Science in Computer
Science

BSCS

(9 Semesters)

Semester 1 (14 SCH)

Csc 1401	Computer Programming I
Mth 1304	Discrete Mathematics for Engineering
Ssk 1203	Computer Skills for Independent Learning
Arb 13xx	Arabic
Ssk 1201	Skills for Learning and Research

Semester 2 (14 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
Eng 1301	English Composition I

Semester 3 (16 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 (18 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 (16 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 (14-15 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.