

2nd Degree Computer Science (BA)

Name: _____

Term One, Fall	Credit Hours	Pre-Requisites
CS1181 Comp Sci II*	4	(CS1180 or CS1161) & (MTH1280 or Level 40)
CEG2350 OS Concepts & Usage	4	CS1180
CEG2400 Intro to PC Networking	3	CS1180
EGR3350 Tech Comm Eng/Sci	3	ENG1100
CS 2200 or MTH 2570 - Discrete Math *-IF NEEDED	4	College Algebra
Total Hours	18	

Term Three, Summer	Credit Hours	Pre-Requisites
CS3100 Data Struct & Algorithms*	3	CS1181 & CEG3310 & CEG2350 & (MTH2570 or CS2200*)
CS or CEG Tech Elective	6	varies by course
Paid Internship		arranged by CS dept.
Total Hours	9	

*Minimum grade of C required

UID: _____

Term Two, Spring	Credit Hours	Pre-Requisites
CEG3310 Comp Org*	4	CS1181*
CS2800 Web Design Fundament	3	CS1180 or CS1160 or CEG2170
CS3700 Intro to Oracle or SQL Databases	3	CS1180 or CS1160 or CEG2170
CEG3120 Intro to the Design Tech Sys	3	CS1180 or CS1161
CS or CEG Tech Elective	3	varies by course
Total Hours	16	

Term Four, Fall	Credit Hours	Pre-Requisites
CEG4110 Intro to Software Engineering	3	CS3100*
CS4000 Soc Implications Comp	3	EGR3350
CS or CEG Tech Elective 4000 level	12	varies by course
Total Hours	18	

Program Total Hours: 61

Before gaining admission to the program, CS 1180- Computer Science I or equivalent course and (CS 2200 OR MTH 2570- Discrete Mathematics) must be completed with minimum grades of C. NOTE: If the student has credit for CS 1180 but does not have credit for Discrete Mathematics, this course may be taken during Term One.

Assume that student has completed CORE math (i.e. STT 1600-Elementary Statistics, MTH 2280-Calculus for the Social Sciences) or acceptable substitutions.

Computer Science or Computer Engineering Tech Electives: (21 hours)

Upper Level (12 hours)

4000 level courses from CS or CEG

Notes:

1. Technical Electives: Some technical electives require additional pre-requisites please check specific course descriptions. All
2. MTH2570 is the entry level math course for the BA degree program. Pre-requisite math courses may be necessary for students
3. Senior standing is required to enroll in CS4000
4. General Elective courses may be any course taken for credit and for a grade. KNH courses are excluded