

Name & UID

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
CS 1000 Tech & Society	3	
CS 2200 or MTH 2570 - Discrete Math *-IF NEEDED	4	College Algebra
Total Hours	18	

Term Two, Spring	Credit Hours	Pre-Requisites
CEG3310 Comp Org*	4	CS1181*
CS2800 Web Development I	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 2000/3000 level	3	varies by course
Total Hours	16	

Term Three, Summer	Credit Hours	Pre-Requisites
CS3100 Data Struct & Algorithms*	3	CS1181 & CEG3310 & CEG2350 & (MTH2570 or CS2200*)
CS or CEG Tech Elective 2000/3000 level (total 6 crdt hrs)	3 3	varies by course
CS or CEG Tech Elective 4000 level	3	
Paid Internship-Paid Internship-The department will assist with internship placement. Students will need to interview and be accepted by employer.		
Total Hours	12	

Term Four, Fall	Credit Hours	Pre-Requisites
CEG4110 Intro to Software Engineering	3	CS3100*
CS/CEG Tech Elective 4000 level (total 12 crdt hrs)	3 3 3 3	varies by course
EGR3350 Tech Comm Eng/Sci or	3	ENG1100
Total Hours	18	

*Minimum grade of C required

Program Total Hours: 64

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: (24 hours)

Upper Level (15 hours)

4000 level courses from CS or CEG

Notes:

- 1 CS/CEG Technical Electives: Some technical electives require additional pre-requisites please check specific course descriptions
- 2 MTH2570 or CS2200 is the entry level math course for the BA degree program. Pre-requisite math courses may be necessary for students with math skills below this level.
- 3 General Elective courses may be any course taken for credit and for a grade. KNH courses are excluded