



Name & UID: _____

To be able to follow this schedule you must have completed the following:

CS 1180 or equivalent Course with minimum grade of C

WSU Core courses

MTH 2280 Business Calculus or MTH 2240 Applied Calculus and STT 1600 Statistical Concepts

CS 2200*/2200R Discrete Struct & Algorithms or MTH 2570* Discrete Math for Computer Scientists (can also be taken fall of year one)

Part time variations of this program may be followed as long as you meet the course prerequisites.

Year One

43 Total Credit Hours (Fall 15, Spring 16, Summer12)

| | Course | Sem. | Grade | | Prerequisites |
|--------|---|------|-------|---|--|
| FALL | CEG 2350/2350L Operating System Concepts and Usage | | | 4 | CS 1160 or CS 1180 or CEG 2170 |
| | CS 1181*/1181L Computer Science II | | | 4 | CS 1180 and (MTH 1280 or MPL 40) |
| | IF NEEDED CS 2200*/2200R Discrete Struct & Algorithms or | | | 4 | CS 2200 - CS1200 or (MTH 1280 or MPL40) |
| | MTH 2570* Discrete Mth for Comp | | | | |
| | CEG2400 Introduction to PC Networking | | | 3 | CS1150 or CS1160 or CS1180 or CEG2170 |
| SPRING | CEG3120 Intro to the Design of Information Technology Systems | | | 3 | CS 1181 |
| | CEG 3310/3310L* Computer Organization | | | 4 | CS 1181 or (CEG2170 and(CEG 3320 or EE2000)) |
| | CS 2800 Web Development I | | | 3 | CS 1160 or CS1180 or CEG2170 |
| | CS3700 Introduction to Oracle/SQL Databases | | | 3 | CS1180 or CS1160 or CEG2170 |
| | CS/CEG 2000/3000 level Tech Elective | | | 3 | |
| SUMMER | CS 3100* Data Structures & Algorithms | | | 3 | CS1181 and CEG2350 and CEG3310 and (MTH2570 or CS2200) |
| | CS/CEG 2000/3000 level Tech Elective | | | 3 | |
| | CS/CEG 2000/3000 level Tech Elective | | | 3 | |
| | CS/CEG 4000 level Tech Elective | | | 3 | |
| | Paid Internship** | | | | |

** The department will assist with internship placement. You will need to interview and be accepted by the employer.

Year Two

18 Total Credit Hours

| | Course | Sem. | Grade | | Prerequisites |
|------|---|------|-------|---|---|
| FALL | CS/CEG 4000 level Tech Elective | | | 3 | |
| | CS/CEG 4000 level Tech Elective | | | 3 | |
| | CEG 4110 Introduction to Software Engineering | | | 3 | CS3100* |
| | ENG 2140 Research, Tech Writing & Presentation for Sci & Eng or | | | 3 | ENG 2140 - ENG 1100 or ENG 1110 or ENG 1130 or ENG 1140 |
| | EGR 3350 Technical Comm for Engineers and Comp Sci | | | | |
| | CS/CEG 4000 level Tech Elective | | | 3 | |
| | CS/CEG 4000 level Tech Elective | | | 3 | |

Notes Technical Electives: Some technical electives require additional pre-requisites please check specific course descriptions.

24 credit hours of Computer Science or Computer Engineering Tech Electives required (9 credit hours of 3000 level and 15 credit hours of 4000 level)