

Name & UID: \_\_\_\_\_

**Total Program Hours: 70**

**\* Minimum grade of C required.**

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 2300 Calculus I and MTH 2310 Calculus II

3 Science courses for engineers or science majors

Additional math courses may be necessary if you do not meet the prerequisite requirements for MTH 2570 or CS 2200

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

## Year One

40 Total Credit Hours (Fall 17, Spring 17, Summer 6)

	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)
	CS 1000 Tech & Society (WSU Core Global Traditions)			3	None
	ENG 2140 Research, Tech Wrting & Presentation for Sci & Eng or			3	ENG 1100 or ENG 1110 or ENG 1130 or ENG 1140
	EGR 3350 Technical Comm for Engineers and Comp Sci			3	ENG 1100
SPRING	CS/CEG 3000 level Tech Elective			3	
	CS 2200*/2200R Discrete Struct & Algorithms or			4	CS1200 or (MTH 1280 or MPL40)
	MTH 2570* Discrete Mth for Comp			4	MTH 1280 or MPL 40
	CEG 3310/3310L* Computer Organization			4	CS 1181 or (CEG2170 and(CEG 3320 or EE2000))
	MTH 2530 Elementary Linear Algebra			3	MTH 2300
SUMMER	CS 2210 Logic for Computer Scientists			3	MTH 2570 or CS 2200
	CS/CEG 3000 level Tech Elective			3	
	CS 3100* Data Structures & Algorithms			3	CS1181 and CEG2350 and CEG3310 and (MTH2570 or CS2200)
	ISE 2211 Statistics for Engineers or			3	EGR 1010 or MTH 2300
	STT 3600 Applied Statistics I			3	MTH 2310
	Paid Internship**				

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

Make a Senior Check appointment with the department for permission to register for CEG4980 Team Projects I. Apply for Graduation

## Year Two

30 Total Credit Hours (Fall 15, Spring 15)

	Course	Sem.	Grade		Prerequisites
FALL	CEG4980 Team Projects I			3	CS 3100 and (EGR 3350 or ENG 2140) Department Permission
	CS/CEG 4000 level Tech Elective			3	
	CEG 4110 Indroduction to Software Engineering			3	CS3100*
	CEG 4350 Operating System Internals and Design			3	CS 3100* and CEG 3310*
SPRING	CS/CEG 4000 level Tech Elective			3	
	CEG 4981 Team Projects II			3	CEG 4980
	CS3180 Comparative Languages			3	CS 3100*
	CS/CEG 4000 level Tech Elective			3	
	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.

21 credit hours of Computer Science or Computer Engineering Tech Electives required (6 credit hours or 3000 level and 15 credit hours of 4000 level)