Bachelor of Arts Computer Science

2nd Degree
Graduation Planning Strategy

Name & UID: _____

Total Program Hours: 64

* 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 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 prerequistes of the courses taken.

Year One — 46 Total Credit Hours (Fall 18, 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)
	CS 1000 Tech & Society (WSU Core Global Traditions)			3	None
	IF NEEDED 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
	CEG2400 Introduction to PC Networking			3	CS1150 or CS1160 or CS1180 or CEG2170
SPRING	CEG3120 Intro to the Design of Information Technology Systems			3	CS1180 or CS1161
	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 assit 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 Indroduction to Software Engineering			3	CS3100*
	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
	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 or 3000 level and 15 credit hours of 4000 level)