



Name & UID: _____

*** Minimum grade of C required.**

Year One 30 Total Credit Hours (Fall 15, Spring 15)

	Course	Sem.	Grade		Prerequisites
FALL	CS1030 Survey of CS & CEG			1	None
	CS 1180*/1180L Computer Science I or			4	MTH 1280 or MPL 40
	CS 1160* Introduction to Computer Programming OR			4	MPL 30 or DEV 0970
	CEG2170* Intro to C Programming for Scientists & Engineers			4	MTH 1280 or MPL 40
	ENG 1100* Academic Writing & Reading			3	
	CS 1150/1150L Introduction to Computer Science			4	
	WSU Core Course			3	Suggested Element Global Traditions History
SPRING	EGR 1900 Exploring Engineering Internships			1	None (Recommended)
	CS 2800 Web Development I			3	CS 1160 or CS1180 or CEG2170
	MTH 2240* Applied Calculus OR			4	MPL 40 or MTH 1280
	MTH 2280* Business Calculus OR			4	MPL 40 or MTH 1280
	EGR 1010/1010L/1010R* Introductory Math for Engineering Applications			4	MTH 1350 or MPL 40
	OR				
	CS 2200*/2200R Discrete Struct & Algorithms			4	CS1200
	CEG 2350/2350L* Operating System Concepts and Usage			4	CS 1160 or CS 1180 or CEG 2170
CS 1000 Tech & Society (WSU Core Global Traditions)			3	None	

Make Full Major Admission Appointment with your advisor after successfully completing ENG1100, CS1180 or CS1160 or CEG2170, CEG2350, MTH2240 or MTH 2280 or EGR1010 or CS2200 with a 2.25 GPA and 24 or more semester hours. Make an admission verification appointment with the Computer Science & Engineering Department (937) 775-5131

Year Two 30 Total Credit Hours (Fall 16, Spring 16)

	Course	Sem.	Grade		Prerequisites
FALL	STT1600 Statistical Concepts			4	MPL 30 or DEV0970 or DEV0990
	CEG 3400 Introduction to Cyber Security			3	CS 1160* or CS 1180* or CEG 2170*
	CEG2400 Introduction to PC Networking			3	CS1150 or CS1160 or CS1180 or CEG2170
	ENG 2140 Research, Tech Writing & 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
		WSU Core Course			3
SPRING	CEG2410 System Administration			3	CEG 2400
		Natural Science		4	See list on back
		General Elective		1	
		WSU Core Course		3	Suggested Element Social Science
	CS3700 Introduction to Oracle/SQL Databases			3	CS1180 or CS1160 or CEG2170

Year Three 30 Total Credit Hours (Fall 16, Spring 15)

	Course	Sem.	Grade		Prerequisites
FALL	CEG 3410 Intro to Digital Forensics			3	(CS 1160 or CS1180 or CEG 2170) and CEG 2400
		WSU Core Course		3	suggested element Social Science
		CS/CEG 2000/3000 level Tech Elective		3	
		General Elective		3	
	CS 3170 Mobile Application Development			3	CEG 2350
SPRING	CEG 4424 Security Attacks & Defenses			3	CEG 4350 or CEG 4350 with concurrency or CEG 3400
		WSU Core Course		3	additional core suggested Math or Science
		General Elective		3	
		CS/CEG 2000/3000 level Tech Elective		3	
		CS/CEG 2000/3000 level Tech Elective		3	

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

Year Four

30 Total Credit Hours (Fall 15, Spring 15)

	Course	Sem.	Grade	Credits	Prerequisites
FALL	CEG 4430 Cyber Network Security			3	CS 3100 or CEG 3410
	CEG4980 Team Projects I			3	(CS 3100 and (EGR 3350 or ENG 2140) or (CEG 3410 and (EGR 3350 or ENG 2140) Department Permission
	CS/CEG 4000 level Tech Elective			3	
	General Elective			3	
	General Elective			3	
SPRING	CEG 4981 Team Projects II			3	CEG 4980
	CS/CEG 4000 level Tech Elective			3	
	CS/CEG 4000 level Tech Elective			3	
	General Elective			3	
	General Elective			3	

Consult uAchieve for complete and updated course listings

Wright State Core	Element III	Global Traditions (6 credit hours) One History: CLS1500, HST1100, 1200 and CS1000(IW,MC, required)
	Element IV	Arts or Humanities (3 credit hours) One Course: ART2140, CLS1600, 2040(IW), ENG2040(IW), 2050(IW,MC), 2310(IW,MC), ML2020(MC), 2040(MC),2050(MC) MP1310, MUS1210, 2140, 2420(IW,MC), 2900(IW,MC), PHL2040(IW), 2050(IW), 2100, REL2040(IW), TH2140, UH2010(IW)
	Element V	Social Science (6 credit hours) Two Courses from Different Disciplines: ATH2200, EC2000(IW), 2040, 2050, 2500(IW,MC), 2900(IW,MC), FIN2050, PLS2000(MC after F15,IW), 2120(MC),PSY1010(IW), SOC2000(IW, MC after SU15), SW2720(IW,MC), UH2020(IW), WGS2000(IW,MC)
	Element VI	Natural Science (8 credit hours) CS 1150 (required), ATH 2100, BIO 1120, 1150, 3450, CHM1020, 1050, 1060, 1070, 1210/1210L, 1220/1220L, 2450, EES 1030, 1050, 1060, 1070, 2510, 2550, 3450, KHN 2500, PHY 1050/1050L, 1060/1060L, 2400/2400L, 2410/2410L, SM 1010

Additional Core Courses (7 credit hours)

ST1600 (required) and additional course (3 credit hours) see uAchieve for list.

A minimum of two core courses in the major must be designated as MC and IW.

Computer Science or Computer Engineering Tech Electives (18 credit hours) 9 credit hours of 2000/3000 level and 9 credit hours of 4000 level classes from CS or CEG

Notes

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

General Elective courses may be any course taken for credit and for a grade. **KNH courses are excluded**

