



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

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

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

	Course	Sem.	Grade		Prerequisites
<b>FALL</b>	CS1030 Survey of CS & CEG			1	None (General Elective) Freshman Status Only
	<b>CS 1180*/1180L Computer Science I or</b>			4	<b>MTH 1280 or MPL 40</b>
	<b>CS 1160* Introduction to Computer Programming OR</b>			4	<b>MPL 30 or DEV 0970</b>
	<b>CEG2170* Intro to C Programming for Scientists &amp; Engineers</b>			4	<b>MTH 1280 or MPL 40</b>
	<b>ENG 1100* Academic Writing &amp; Reading</b>			3	
	CS 1150/1150L Introduction to Computer Science			4	
	WSU Core Course			3	Suggested Element Global Traditions History
<b>SPRING</b>	EGR 1900 Exploring Engineering Internships			1	None (Recommended General Elective)
	CS 2800 Web Development I			3	CS 1160 or CS1180 or CEG2170
	<b>MTH 2240* Applied Calculus OR</b>			4	<b>MPL 40 or MTH 1280</b>
	<b>MTH 2280* Business Calculus OR</b>			4	<b>MPL 40 or MTH 1280</b>
	<b>EGR 1010/1010L/1010R* Introductory Math for Engineering Applications</b>			4	<b>MTH 1350 or MPL 40</b>
	<b>OR</b>				
	<b>CS 2200*/2200R Discrete Struct &amp; Algorithms</b>			4	<b>CS1200</b>
	<b>CEG 2350/2350L* Operating System Concepts and Usage</b>			4	<b>CS 1160 or CS 1180 or CEG 2170</b>
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. Must be a full major to take the following courses ERG 3350, CS 2210, CS 3200, or any 4000 level technical electives.

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

	Course	Sem.	Grade		Prerequisites	
<b>FALL</b>	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	Suggested Element Arts or Humanities
<b>SPRING</b>	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
<b>FALL</b>	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	
<b>SPRING</b>	CS 3170 Mobile Application Development			3	CEG 2350
	CEG 4424 Security Attacks & Defenses			3	CEG 4350 or CEG 4350 with concurrency or CEG 3400
		WSU Core Course		3	additional core
		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		Prerequisites
<b>FALL</b>	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	
<b>SPRING</b>	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**

<b>Wright State Core</b>	<b>Element III</b>	<b>Global Traditions (6 credit hours)</b> One History: CLS1500, HST1100, 1200 and CS1000(IW,MC, required)
	<b>Element IV</b>	<b>Arts or Humanities (3 credit hours)</b> 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)
	<b>Element V</b>	<b>Social Science (6 credit hours)</b> 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)
	<b>Element VI</b>	<b>Natural Science (8 credit hours)</b> CS 1150 (required), ATH 2100, BIO 1050, 1060, 1070, 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 hrs of 2000/3000 level and 9 credit hrs of 4000 level classes from CS or CEG

**General Electives (19 credit hours)** Including CS 1030 and EGR 1900. The department recommends pursuing an minor or certificate.

**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. **KNH courses are excluded**

If you are interested in the MS Cyber Security degree CEG 3310/L, CS 3100, and CEG 4350 are required. They may be taken as Tech Electives.