

Name & UID

Term One, Fall	Credit Hours	Pre-Requisites
CS1180 Comp Sci I*	4	MTH1280 or Level 40
ENG1100 Academic Writing & Reading*	3	
MTH2570 Discrete Mth for Comp or CS2200 Discrete Struct & Algorithms*	4	For MTH2570 - MTH1280 or Level 40 For CS2200 - CS1200
CS1030 Survey of CS & CEG	1	
WSU Core	3	
<b>Total Hours</b>	<b>15</b>	

Term Two, Spring	Credit Hours	Pre-Requisites
CS1181 Comp Sci II*	4	(CS1180 or CS1161) & (MTH1280 or Level 40)
MTH 2300 Calc I	4	MTH1340 or Level 50
EGR1900 Intro to Co-Op and Internship	1	Recommended
CEG2350 OS Concepts & Usage	4	CS1180 or CS1160 or CEG2170
CS1000 Tech & Society	3	WSU Core Global Traditions
<b>Total Hours</b>	<b>16</b>	

Term Three, Fall	Credit Hours	Pre-Requisites
CEG3310 Comp Org*	4	CS1181*
PHY2400 & 2400L Gen Physics I	5	MTH 2300 or EGR 1010
MTH 2310 Calc II	4	MTH 2300
CEG 3320 Digital Sys Design	4	(CS1180 or CS1160 or CEG2170) & (MTH 1280 or Level 40)
<b>Total Hours</b>	<b>17</b>	

Term Four, Spring	Credit Hours	Pre-Requisites
CS3100 Data Struct & Algorithms*	3	CS1181 & CEG3310 & CEG2350 & (MTH2570 or CS2200*)
PHY2410 & 2410L Gen Physics II	5	PHY 2400 & MTH 2300
EGR3350 Tech Comm or ENG 2140	3	ENG 1100
MTH2350 Differential Equa w/Matrix Alg	4	MTH 2310
<b>Total Hours</b>	<b>15</b>	

Term Five, Fall	Credit Hours	Pre-Requisites
WSU Core (Mth or Sci Elec)	3	
CEG4330 Microprocessor-Based Embedded Systems	4	CEG3320 or EE2000
EE2010 & 2010L Circuit Analysis	4	ENG1100 & MTH2310 & PHY2410
CEG4350 Operating Syst & Internals	3	CS3100 & CEG3310
<b>Total Hours</b>	<b>14</b>	

Term Six, Spring	Credit Hours	Pre-Requisites
EE3210 Linear Sys	3	EE2010*
ISE2211 or STT3600 Stat	3	MTH2300
WSU Core	3	
WSU Core	3	
CS or CEG Tech Elective 3000 level	3	
<b>Total Hours</b>	<b>15</b>	

Term Seven, Fall	Credit Hours	Pre-Requisites
EE3310 & 3310L Elec Dev	4	EE2010
CEG4980 Team Projects I	3	CS3100* and (EGR3350 or ENG2140) Advisor Approval
CS or CEG Tech Elective 4000 level (total 6 crdt hrs)	3 3	
General Elective	3	
<b>Total Hours</b>	<b>16</b>	

Term Eight, Spring	Credit Hours	Pre-Requisites
CS or CEG Tech Electives 4000 level	3	
CEG4981 Team Projects II	3	CEG4980
General Elective	3	
WSU Core	3	
<b>Total Hours</b>	<b>12</b>	

\*Minimum grade of C required

## Wright State Core

### Element III. Global Traditions (6 hours)

**One Global Traditions:** AFS2000,ATH2500, CS1000, CST2210, 2310, 2320, 2410, 2420, 2430, 2510, EC2100, 2500, 2900, RST2610, 2620, 2710, 2810, 2910, 2920, URS2000

**One History:** CLS1500, HST1100, 1200

### Element IV. Arts or Humanities (3 hours)

**One Course:** ART2140, CLS2040, CST2310, 2420, ENG2040, 2050, MP1310, MUS1210, 2140, 2900, PHL2040, REL2040, UH2010

### Element V. Social Science (6 hours)

**Two Courses from Different Disciplines:** ATH2200, EC2100, E2040, EC2050, EC2500, EC2900, PLS2000, PSY1010, SOC2000, UH2020, WMS2000

### Element VI. Natural Science (10 hours)

PHY 2400 & 2400L, 2410 & 2410L

### Additional Core Courses (7 hours)

MTH 2310 Calculus II and one additional course from Element VI **Additional courses** in MTH, STT, CHM, BIO, PHY, or EES appropriate for Computer Science or Engineering majors

A minimum of two courses must be designated as MC and IW.

## Consult DARS for complete and updated course listing

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### **Computer Science or Computer Engineering Tech Electives: (12 hours)**

Upper Level (9 hours) - 4000 level courses from CS or CEG

### **Notes:**

- 1 Technical Electives: Some technical electives require additional pre-requisites please check specific course descriptions.
- 2 MTH2570 is the entry level math course for the BA degree program. Pre-requisite math courses may be necessary for students with math skills below this level.
- 3 General Elective courses may be any course taken for credit and for a grade. KNH courses are excluded