

General Education (3)  
FA/SB

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MATH 321/ CS 321 (3)  
Discrete Structures I

Prereq: MATH 242 or equivalent  
Grade C or better

PHYS 313 (4)  
Physics for Scientist I

Cncprereq: MATH 243  
Grade C or better

CS 311 (4)  
Object-Oriented Programming

Prereq: CS 211  
Grade C- or better

MATH 322/ CS 322 (3)  
Discrete Structures II

Prereq: MATH 321  
Grade C or better

PHYS 314 (4)  
Physics for Scientist II

Prereq: MATH 243 Grade C or better  
and PHYS 313 Grade C- or better

ECE 238 (3) [CS 238]  
Assembly Language Programming

Prereq: CS 211  
Grade C- or better

Engineering+  
Requirement (1 of 3)

16	JUNIOR	15
FALL		SPRING
IME 255 (3) Engineering Econod Tmm[4D 82711 ]59954893 (Se51111 S86BBx422181872806 Dual (ig Systems and Anal) 194 (9)50682da Analysis of Algoritms and BT8 0 OC		
General Education SB/FA (3)  Note c		
CS 400 (4) Data Structures  Prereq: CS 311 Grade C- or better		Prereq: CS 311 and Math 322 Grades C or better
		CS 580 (3) Introduction to Software Engineering  Prereq: CS 311 Grade C- or better
Engineering+ Requirement (2 of 3)		Engineering+ Requirement (3 of 3)

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CS 664 (3)  
Computer Networks  
Prereq: CS311 and IME 254  
Grades C- or better

CS 540 (3)  
Digital Systems and Anal

Prereq: ECE 238 and CS 311  
Grades C- or better

CS 598 (2) [EE 585]  
Senior Design Project I  
Prereq: Senior standing, CS 580  
Cncprereq: PHIL 354  
Grades C- or better in each

CS 665 (3)  
Introduction to Database Systems

Prereq: CS 311 and Math 322  
Grades C- or better

Technical Elective (3)

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CS 656 (3)  
Introduction to Cybersecurity  
Prereq: CS664  
Grades C- or better

CS 560 (3)  
Data Analysis of Algorithms

Prereq: CS 400, MATH 322 & IME 254  
Grades C- or better

CS 599 (2) [EE 595]  
Senior Design Project II  
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Prereq: CS 598  
Grade C- or better

Technical Elective (3)

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