

	Course ID/Name	Credits	Prerequisites	Satisfies
First Year	Term 1			
	ENGL 100: Academic English I	3	GEPT/TOEFL score/ENGL 098	GE
	CSC 122: Introduction to Computer Programming	3	ENGL 098/100/110/112 and CS student	MR
	CSC 123: Fundamentals of Web Design	3	ENGL 100 co-req	GE
	MATH 140: Elementary Linear Algebra	3	MATH 098	MR
	Social Sciences offering	3		GE
	Term 2			
	ENGL 110: English Composition I	3	GEPT/TOEFL score/ENGL 100	GE
	CSC 125: Object-Oriented Programming I	3	CSC122	MR
	MATH 131: Analytic Geometry & Calculus I	3	MATH 098	GE
Free Elective	3		FE	
Any 1 course from PHYS 110, CHEM 110, BIOL 110 and its lab	3+1		GE	
Second Year	Term 3			
	ENGL 112: English Composition II	3	GEPT/TOEFL score/ENGL 110	GE
	CSC 230: Digital Systems	4	CSC125	MR
	CSC 225: Programming & Data Structures	3	CSC125	MR
	CSC 300: Discrete Structure	3	CSC125 and MATH140	MR
	Arab Heritage	3		GE
	Term 4			
	CSC 226: Object-Oriented Programming II	3	CSC225 co-req	MR
	CSC 313: Design and Analysis of Algorithms	3	CSC225 and CSC300	MR
	MATH 132: Analytic Geometry & Calculus II	3	MATH131	GE
MATH 221: Applied Statistics I	3	MATH131	MR	
Any 1 course from PHYS 110, CHEM 110, BIOL 110 and its lab	3+1		GE	
Third Year	Term 5			
	CSC 270: Computer Systems: Arch. and Org.	3	CSC230	MR
	CSC 325: Programming Languages	3	CSC226	MR
	PHIL 245: Ethics and The Computer	3	Combined 6 credits from MATH, CSC, or PHIL	GE
	MATH 232: Introduction to Differential Equations	3	MATH132	MR
	CSC Major Elective	3		ME
	Free Elective	3		FE
	Term 6			
	CSC 361: Database Management Systems	3	CSC313 pre or co-req	MR
	CSC 473: Computer Networks & Communication	3	CSC313 and MATH221	MR
MATH 331: Numerical Analysis I	3	MATH232 and CSC125	MR	
CSC Major Elective	3		ME	
Humanities & Fine Arts offering	3		GE	
Fourth Year	Term 7			
	CSC 350: Software Engineering	3	CSC226	MR
	CSC 476: Operating Systems	3	CSC270 and CSC313	MR
	CSC 492: Practicum in Computer Science	3	CSC473 co-req and CSC361 co-req	MR
	CSC Major Elective	3		ME
	Social Sciences offering	3		GE
	Term 8			
	CSC 451: Capstone Project	3	CSC350 and CSC361 and PHIL245	MR
	CSC 477: Security in Computing	3	Senior standing	MR
	CSC Major Elective	3		ME
Communication offering	3		GE	
Free Elective	3		FE	