

	Course ID/Name	Credits	Prerequisites	Satisfies	
First Year	Term 1				
	ENGL 100:	Academic English I	3	GEPT/TOEFL score/ENGL 098	GE
	CSC 122:	Computational Problem Solving	3	ENGL 098/100/110/112 and CS or ENGG student	MR
	CSC 123:	Fundamentals of Web Design	3	ENGL 100 co-req	GE
	MATH 131:	Analytic Geometry & Calculus I	3	MATH 098	GE
		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	CSC 122	MR
	MATH 140:	Elementary Linear Algebra	3	MATH 098	MR
	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 226:	Object-Oriented Programming II	3	CSC 225 co-req	MR
	CSC 225:	Programming & Data Structures	3	CSC 125	MR
	CSC 300:	Discrete Structure	3	CSC 125 and (MATH 131 or MATH 140)	MR
		Arab Heritage	3		GE
	Term 4				
	MATH 132:	Analytic Geometry & Calculus II	3	MATH 131	GE
	MATH 221:	Applied Statistics I	3	MATH131	MR
	CSC 230:	Digital Systems	4	CSC 125	MR
CSC 313:	Design and Analysis of Algorithms	3	CSC 225 and CSC 300	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	CSC 230	MR
	PHIL 245:	Ethics and The Computer	3	Combined 6 credits from MATH, CSC, or PHIL	GE
	MATH 232:	Introduction to Differential Equations	3	MATH 132	MR
	CSC 361:	Database Management Systems	3	CSC 313 pre or co-req	MR
		CSC Major Elective	3		ME
		Free Elective	3		FE
	Term 6				
	CSC 476:	Operating Systems	3	CSC 270	MR
	CSC 325:	Programming Languages	3	CSC 226	MR
MATH 331:	Numerical Analysis I	3	MATH 232 and CSC 125	MR	
	CSC Major Elective	3		ME	
	Humanities & Fine Arts offering	3		GE	
Forth Year	Term 7				
	CSC 350:	Software Engineering	3	CSC 226	MR
	CSC 492:	Practicum in Computer Science	3	CSC 473 co-req and CSC 361 co-req	MR
	CSC 473:	Computer Networks & Communication	3	CSC 313 and MATH 221	MR
		CSC Major Elective	3		ME
		Social Sciences offering	3		GE
	Term 8				
	CSC 451:	Capstone Project	3	CSC 350 and CSC 361 and PHIL 245	MR
	CSC 477:	Security in Computing	3	Senior Standing	MR
		CSC Major Elective	3		ME
	Communication offering	3		GE	
	Free Elective	3		FE	