

	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 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	CSC122	MR
	CSC 130:	Discrete Structures	3	CSC122 and MATH098 co-req.	MR
MATH 210:	Elementary Linear Algebra	3	MATH098 or MATH131 or MATH130	MR	
	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 and CSC130	MR
	MATH 132:	Analytic Geometry & Calculus II	3	MATH131	GE
		Free Elective	3		FE
	Term 4				
	CSC 226:	Object-Oriented Programming II	3	CSC225 co-req	MR
	CSC 313:	Design and Analysis of Algorithms	3	CSC225	MR
	MATH 231:	Analytic Geometry & Calculus III	3	MATH132	MR
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
	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
		Arab Heritage	3		GE
		Free Elective	3		FE
	Term 6				
	CSC 361:	Database Management Systems	3	CSC313 pre or co-req	MR
	CSC 325:	Programming Languages	3	CSC226	MR
CSC 473:	Computer Networks & Communication	3	CSC313 and MATH221	MR	
MATH 331:	Numerical Analysis I	3	MATH232 and CSC125	MR	
	Humanities & Fine Arts offering	3		GE	
Forth 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 Major Elective	3		ME
		CSC Major Elective	3		ME
	Communication offering	3		GE	
	Free Elective	3		FE	