

B.Sc. MAJOR in COMPUTING SCIENCE

Program Requirements

2017-18
Calendar

English 3 credit hr	Humanities 3 credit hr	Arts/ECON 12 credit hr	Electives 24 credit hr	MATH/CSCI (6 credit hr)	Science Breadth 18 credit hr	MAJOR Subject Area CSCI (45) + MATH (15) Total 60 credit hr	
ENGL 1205				◆		CSCI 1226 Intro. to Comp. Sci. & Programming	MATH 1210 Introductory Calculus I
				◆		CSCI 1228 Adv. Comp. Programming & Prob. Solving	MATH 1211 Introductory Calculus II
						CSCI 2307 Theoretical Foundations of Computer Sci.	MATH 1216 Intro. Math. Statistics
						CSCI 2308 Introduction to Numerical Analysis	MATH 2301 Applied Linear Algebra
						CSCI 2327 Digital Logic & Comp. Architecture	MATH 2305 Survey of Discrete Math
						CSCI 2341 Data Structures & Algorithms I	
						CSCI 2355 Internet Technol. or CSCI 2356 Mobile App Dev.	
						CSCI (2306-level or above)	
						CSCI 3428 Software Engineering	
						CSCI 3430 Principles of Programming Language	
						CSCI 3431 Operating Systems	
						CSCI 3461 Database Systems or	
						CSCI 4477 Data Mining	
						CSCI 4471 Computer Graphics or	
						CSCI 4476 Comp. Vis. & Dig. Image Proc.	
						CSCI (3000-level or above)	
						CSCI (3000-level or above)	

NOTES:

A minimum GPA of 2.2 is required in the Major Subject Area courses

◆ This degree requirement already satisfied by using MATH from Major subject area.

LIGHT GRAY = *suggested* schedule for Year 1

DARK GRAY = *suggested* schedule for Year 2

Every effort is made to ensure that the information summarized here is accurate. Students are reminded that the University Academic Calendar is the official source of Program information.