

ADVISING GUIDE

COURSES FOR THE BACHELOR OF SCIENCE DEGREE IN COMPUTER SCIENCE

2017 – 2019

FRESHMAN

FALL			SPRING		
ENG 1301	Written Communication (GEO)	3	ENG 1305	Written Communication (GEO)	3
MAT 2317	Calculus I	3	MAT 2318	Calculus II	3
	Biological Science (AK/GEO)	3		Information Literacy (GEO)	3
	Biological Sci. Lab (AK/GEO)	1	CSC 1311	Computer Programming II (GEO)	3
FYE 1250	First Year Experience I	2	CSC 1105	CSC Colloquium	1
CSC 1310	Computer Programming I (GEO)	3	FYE 1251	First Year Experience II	2
			CSC 2131	Professional Development	0-1
15			15-16		

SOPHOMORE

FALL			SPRING		
ENG 1305	Literature (AK/GEO)	(3)		Culture & Foreign Language (AK)	3
	Oral Communications (GEO)	3		Fine Arts (AK)	3
	Phy. Sci. Elective (AK/GEO)	3		Historical Studies (AK)	3
	Phy. Sci. Lab (AK/GEO)	1	CSC 2310	Intro to Software Systems	3
MAT 2337	Discrete Mathematics	3	CSC 2320	Intro to Hardware Org	3
CSC 2331	Data Structures	3		Social/Behavioral Science	3
	LAB Elective	1			
CSC 2131	Professional Development	0-1			
14-15			18		

JUNIOR

FALL			SPRING		
PHY 2331	General Physics I	3	PHY 2332	General Physics II	3
PHY 2131	General Physics I Lab	1	PHY 2132	General Physics II Lab	1
MAT 3310	Probability and Statistics	3	MAT 2316	Linear Algebra	3
CSC 3355	Database Management	3	CSC 3322	Computer Architecture	3
CSC 3321	Operating Systems	3	CSC 3331	Analysis of Algorithms	3
	Option Elective	3		Option Elective	3
CSC 2131	Professional Development	0-1			
16-17			16		

SENIOR

FALL			SPRING		
CSC 4340	Organ. of Programming Lang.	3	CSC 4388	Systems Design and Development	3
CSC 4350	Software Engineering	3	CSC 43	ADVANCED Elective ⁴	3
CSC 4387	Seminar in Computer Science	3		Curricular Theme #1	3
	CORE Elective	3		Curricular Theme #2	3
CSC 2131	Professional Development	0-1			
12-13			12		