

SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN COMPUTER PROGRAMMING

Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
COMP 141 Computer Programming I.....	3	COMP 220 Computer Programming II.....	3
COMP 155 Introduction to Computer Science.....	3	General Electives.....	6
Writing Requirement.....	3	HUMA Course.....	3
General Elective.....	3	Foundations of Social Science Course.....	<u>3</u>
Natural Science with Lab.....	4		15
HUMA 100 The Humanities.....	<u>1</u>		
	17		

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
COMP 222 Introduction to Data Structures & Algorithms..	3	COMP 205 Ethics, Faith, and the Conscious Mind.....	3
COMP 244 Database Management.....	3	COMP 230 Advanced Programming.....	3
MATH 118 Finite Mathematics.....	3	MATH 141 Business Calculus.....	4
HUMA Course.....	3	HUMA Course.....	3
General Electives.....	<u>3</u>	General Electives.....	<u>3</u>
	15		16

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
COMP 325 Computer Architecture & Organization.....	3	COMP 342 Data Comm. & Networking; or COMP 340 OS.....	3
PSYC 201 or STAT 131 Stat. Methods.....	3	COMP 350 Software Engineering.....	3
Computer Science Elective.....	3	Computer Science Elective.....	3
HUMA Course.....	3	Computer Science Elective.....	3
General Electives.....	<u>5</u>	HUMA Course.....	<u>3</u>
	17		15

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
COMP 451 Senior Project I.....	3	COMP 452 Senior Project II.....	4
Computer Science Elective.....	3	Computer Science Elective.....	3
HUMA 300 Gospel and the Good Life: Christian Ethics...	2	General Electives.....	<u>9</u>
General Electives.....	<u>9</u>		16
	17		

Students must work with their advisor during their sophomore year to create a plan for their computer science electives, since some electives are only offered in alternate years and require certain prerequisites.