

## COMPUTER SCIENCE - BACHELOR OF SCIENCE

To continue in the program and graduate with a degree in computer science, a student must achieve a grade of C (2.0) or better in all computer science courses required for the major.

All Computer Science prerequisites (courses beginning with 50:198) must be satisfied with a C or higher.

<b><u>COURSES REQUIRED:</u></b>	MIN. CREDITS	COURSES COMPLETED Subj. #:Course #	COMPLETED CREDITS		OFFICE SENIOR REVIEW
			Sem	Yr	
PROGRAMMING FUNDAMENTALS	4	198:111	_____	_____	_____
OBJECT-ORIENTED PROGRAMMING	3	198:113	_____	_____	_____
MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE	3	198:171	_____	_____	_____
C AND SYSTEMS PROGRAMMING	3	198:211	_____	_____	_____
DATA STRUCTURES	3	198:213	_____	_____	_____
INTRODUCTION TO COMPUTER ORGANIZATION DESIGN AND ANALYSIS OF ALGORITHMS	3	198:231	_____	_____	_____
OPERATING SYSTEMS	3	198:443	_____	_____	_____
 COMPUTER SCIENCE ELECTIVES (300-400 level) At most 3 credits each of 198:494 and 198:497					
_____	3	198:_____	_____	_____	_____
_____	3	198:_____	_____	_____	_____
_____	3	198:_____	_____	_____	_____
_____	3	198:_____	_____	_____	_____
_____	3	198:_____	_____	_____	_____
 <b><u>COURSES REQUIRED OUTSIDE MAJOR:</u></b>					
UNIFIED CALCULUS I, II	8	640:121, 122	_____	_____	_____
LINEAR ALGEBRA	3	640:250	_____	_____	_____
MATHEMATICS ELECTIVE 200 OR HIGHER (Excluding 640:237)	3	640:_____	_____	_____	_____
ELEMENTS OF PHYSICS I AND LAB	4	750:131, 133	_____	_____	_____
ELEMENTS OF PHYSICS II AND LAB	4	750:132, 134	_____	_____	_____
NATURAL SCIENCE ELECTIVES (4 credits) In Biological Sciences, Chemistry, or Physics (excluding non-science major courses)					
_____	4	_____	_____	_____	_____