

NAME:

COMPUTER SCIENCE - BACHELOR OF ARTS

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 grade of C or higher.

| | MIN. CREDITS | COURSES COMPLETED Subj. #:Course # | COMPLETED CREDITS Sem/Yr | OFFICE SENIOR REVIEW |
|--|-----------------|---------------------------------------|-----------------------------|----------------------------|
| <u>COURSES REQUIRED:</u> | | | | |
| 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 | 3 | 198:231 | _____ | _____ |
| DESIGN AND ANALYSIS OF ALGORITHMS | 3 | 198:371 | _____ | _____ |
| 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:_____ | _____ | _____ |
| <u>COURSES REQUIRED OUTSIDE MAJOR:</u> | | | | |
| LINEAR MATHEMATICS FOR BUSINESS & ECONOMICS or LINEAR ALGEBRA | 3 | 640:129 or 640:250 | _____ | _____ |
| CALCULUS FOR BUSINESS or UNIFIED CALCULUS | 3 or 4 | 640:130 or 640:121 | _____ | _____ |
| MATHEMATICS ELECTIVE 200 OR HIGHER (Excluding 640:237) | 3 | 640:_____ | _____ | _____ |
| NATURAL SCIENCE ELECTIVES (9 credits) In Biological Sciences, Chemistry, or Physics (excluding non-science major courses) | | | | |
| _____ | 3 | _____ | _____ | _____ |
| _____ | 3 | _____ | _____ | _____ |
| _____ | 3 | _____ | _____ | _____ |