Curriculum Guide

Bachelor of Arts in

Computer Science

Fall 2015

**CORE REQUIREMENTS**

**Literacies**

**Composition**
- ENG 111 OWE I 3 CH
- ENG 112 OWE II 3 CH

Writing Intensive courses (no more than 3 in major)
- ________________
- ________________
- ________________
- ________________

**Presentation**
- IND 100 1 CH

PIC courses (no more than 2 in major)
- ________________
- ________________
- ________________
- ________________

**Foreign Language**
- 150 3 CH
- 151 3 CH
- Or proficiency score

**Quantitative/Scientific Reasoning**
- MATH 181 or higher 4 CH
- Or proficiency test score (calc or higher)
- Lab Science 4 CH
- Science or Quantitative course 3 or 4 CH

**Creative**
- Fine or Performing Arts course 3 or 4 CH

**Socio-Political**
- (any social science course, includes economics) 3 or 4 CH

**Humanistic**
- REL 120 3 CH
- Any course in Humanities discipline 3 CH

**Seminar Series**
- SEMS 100 Introduction to Seminar Series 1 CH
- SEMS 200 Western Traditions 3 CH
- SEMS 250 World Cultures 3 CH
- SEMS 400 Global Issues 3 CH

**Practicum Series**
(choose 2 of the following):
- Citizenship
- Leadership
- Study Away/Abroad
- Scholarship

**Concern for Physical Well-Being**
- Theory 2 CH
- Phys. Activ. 2 CH

**MAJOR REQUIREMENTS**

- MATH 181 Calculus I 4
- MATH 182 Calculus II 4
- MATH 211 Elementary Statistics 4
- MATH 221 Discrete Math Structures 3
- CSCI 109 Computer Science 3
- CSCI 159 Intro. to Programming 4
- CSCI 169 Data Structures 4
- CSCI 269 Theory of Prog. Lang. 4
- CSCI 319 Database Mgmt. 4
- CSCI 347 Theory of Computation 3
- CSCI 369 Design Analysis of Algorithms 3
- CSCI 319 Comp. Org. w/ Assembler 4
- CSCI 427 Operating Systems 3

Any CSCI 300 or higher 3-4

All courses applied to the major must be completed with a grade of C minus or higher.

To satisfy the prerequisite for a course the student must earn a C minus or higher in the listed course(s). A prerequisite may always be waived for selected students by permission of the instructor. Junior or senior standing is required for courses numbered 300 and above.

To determine fulfillment of requirements for graduation, consult the department to certify major requirements and the registrar to certify the core requirements.