

Complete all 6 sub-requirements

A. AREA I:

MINIMUM GRADE OF "C" REQUIRED

**COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
APPLIED COMPUTER SCIENCE MAJOR – PROGRAM YEAR 2014-2015**

APPLIED COMPUTER SCIENCE MAJOR

Take the following courses:

2.0 GPA REQUIRED:

CS 2250	COMPUTER SCIENCE I	3 HOURS
CS 2255	COMPUTER SCIENCE II	3 HOURS
CS 2265	ADVANCED PROGRAMMING I	3 HOURS
CS 3330	DATA STRUCTURE & ALGORITHMS	3 HOURS
CS 4420	INTRODUCTION TO DATABASE SYSTEMS	3 HOURS
CS 4443	WEB-BASED SOFTWARE DEVELOPMENT	3 HOURS
CS 4445	DATA COMMUNICATION & NETWORKING	3 HOURS
CS 4447	SYSTEMS ANALYSIS AND DESIGN	3 HOURS
CS 4448	OPERATING SYSTEMS	3 HOURS

MAJOR ELECTIVES

(9 hours)

TAKE 9 ADDITIONAL HOURS FROM THE FOLLOWING:

CS 3320	BUSINESS SYSTEMS PROGRAMMING	3 HOURS
CS 3332	SOFTWARE ENGINEERING I	3 HOURS
CS 3347	ADVANCED PROGRAMMING II	3 HOURS
CS 4449	APPLIED NETWORKING	3 HOURS
CS 4451	COMPUTER SECURITY	3 HOURS
CS 4495	SPECIAL TOPICS IN COMPUTER SCIENCE	3 HOURS

MINOR:

(18 hours)

AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED COMPLETE THIS DEGREE PROGRAM. ADDITIONAL MAJORS ARE ALSO ACCEPTABLE.

FREE ELECTIVES:

(17 hours)

TAKE 17 SEMESTER HOURS OF FREE ELECTIVE CREDIT