

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

c forfowing courses.		
REQUIRED:		
COMPUTER SCIENCE I	3 HOURS	
COMPUTER SCIENCE II	3 HOURS	
ADVANCED PROGRAMMING I	3 HOURS	
DATA STRUCTURE & ALGORITHMS	3 HOURS	
INTRODUCTION TO DATABASE SYSTEMS	3 HOURS	
WEB-BASED SOFTWARE DEVELOPMENT	3 HOURS	
DATA COMMUNICATION & NETWORKING	3 HOURS	
SYSTEMS ANALYSIS AND DESIGN	3 HOURS	
OPERATING SYSTEMS	3 HOURS	
MAJOR ELECTIVES		
ADDITIONAL HOURS FROM THE FOLLOWING:		
	REQUIRED:  COMPUTER SCIENCE I  COMPUTER SCIENCE II  ADVANCED PROGRAMMING I  DATA STRUCTURE & ALGORITHMS INTRODUCTION TO DATABASE SYSTEMS WEB-BASED SOFTWARE DEVELOPMENT DATA COMMUNICATION & NETWORKING SYSTEMS ANALYSIS AND DESIGN OPERATING SYSTEMS	

CS	3320	BUSINESS SYSTEMS PROGRAMMING	3 HOURS
CS	3332	SOFTWARE ENGINEERING I	3 HOURS
CS	3347	ADVANCED PROGRAMMING II	3 HOURS
CS	5 4449	APPLIED NETWORKING	3 HOURS
CS	5 4451	COMPUTER SECURITY	3 HOURS
CS	8 4495	SPECIAL TOPICS IN COMPUTER SCIENCE	3 HOURS

MINOR:

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

FREE ELECTIVES:

TAKE 17 SEMESTER HOURS OF FREE ELECTIVE CREDIT

My Degree Map serves as a guide to assist you with the proper sequence and selection of courses. It does not replace your Program Evaluation (available through Trojan Web Express), which depicts the ocial document used to clear students for graduation. My Degree Map includes the required coursework and suggested sequence of courses for a particular degree program. Every reasonable a tempt has been made to ensure accuracy of content. Please keep in mind that some courses, such as developmental or pre-requisite courses, are not reflected in My Degree Map. Comple on of degree requirements is based on the specific catalog year under which you were admitted to TROY. Please consult the college catalog, your academic advisor, your specific school, department, or your Program Evaluation for any additional requirements.