

**MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
COMPUTER SCIENCE MAJOR-PROGRAM YEAR 2023-24**

	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	1ST YEAR	DR FREE ELEC MTH 1112	3	AREA IV SS COURSE	3	ENG 1102/04	3	DR FREE ELEC MTH 1114	3	AREA II HUM/FA COURSE
ENG 1101/03		3	AREA II FINE ARTS COURSE	3	AREA III PHY 2252/L252 OR PHY 2262/L262	3/1	AREA IV SS COURSE	3		
TROY 1101		1								
TOTAL		7	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	3
	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	2ND YEAR	AREA II LIT COURSE	3	AREA IV HIS COURSE	3	MTH 1125	4	AREA IV SS COURSE	3	MTH 1126
AREA III SCI/LAB COURSE		3/1	CS 2250	3	CS 2255	3	MTH 2215	3	FREE ELEC	3
TOTAL		7	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	7
		TERM 1		TERM 2		TERM 3		TERM 4		TERM 5
	3RD YEAR	STAT 2210	3	AREA II HUM/FA COURSE	3	REQ_MAJ COURSE	3	REQ_MAJ COURSE	3	REQ_MAJ COURSE
CS 2220		3	REQ_MAJ COURSE	3	REQ_MAJ COURSE	3	FREE ELEC	3	FREE ELEC	1
TOTAL		6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	4
		TERM 1		TERM 2		TERM 3		TERM 4		TERM 5
	4TH YEAR	REQ_MAJ COURSE	3	REQ_MAJ COURSE	3	REQ_MAJ COURSE	3	REQ_MAJ COURSE	3	FREE ELEC
REQ_MAJ COURSE		3	REQ_MAJ COURSE	3	FREE ELEC	3	APPROVED MAJ ELEC	3	APPROVED MAJ ELEC	3
					SUBMIT GRADUATION APPLICATION					
TOTAL		6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6
									TOTAL	120

COMPLETE ALL REQUIREMENTS

(53 HOURS)

AREA I

TAKE THE FOLLOWING COURSES:

ENG 1101	COMP AND MODERN ENGLISH I	3 HOURS
ENG 1102	COMP AND MODERN ENGLISH II	3 HOURS
MINIMUM GRADE OF "C" REQ		

AREA II

TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE	3 HOURS
TAKE ANY 1000 2000 LEVEL COURSE WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN FINE ARTS, INCLUDING THE DISCIPLINES OF ART, MUSIC, THEATRE, FILM, OR OTHER FINE ARTS AREA.	3 HOURS
TAKE ANY TWO 1000 2000 LEVEL COURSES WITH AN EXPANDED HISTORICAL AND CULTURAL SCOPE IN THE HUMANITIES/FINE ARTS DISCIPLINES, INCLUDING ENGLISH, FOREIGN LANGUAGES, RELIGION, PHILOSOPHY, CLASSICS, THEATRE, MUSIC, DANCE, COMMUNICATION, SIGN LANGUAGE, INTERDISCIPLINARY STUDIES, OR OTHER HUMANITIES/ FINE ARTS AREAS.	6 HOURS

NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

AREA III

MTH 1125	CALCULUS 1	4 HOURS
MINIMUM GRADE OF "C" REQ		
TAKE ONE OF THE FOLLOWING:		
PHY 2252/L252 OR PHY 2262/L262		3/1 HOURS
TAKE ANY 1000-2000 LEVEL SCIENCE CLASS, THAT HAS NOT ALREADY BEEN TAKEN, FROM THE FOLLOWING SCIENCE DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER SCIENCE AREAS. BIO 1100/L100, BIO 1101/L101, BIO 1120/L120, BIO 2229/L229, CHM 1115/L115, CHM 1142/L142, CHM 1143/L143, CHM 2242/L242, PHY 2252/L252, PHY 2253/L253, PHY 2262/L262, PHY 2263/L263, SCI 2233/L233, SCI 2234/L234, SCI 2240/L240.		3/1 HOURS

AREA IV

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY	3 HOURS
TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP, INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.	9 HOURS

NOTE: A SEQUENCE IN LITERATURE OR HISTORY IS REQ. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSIDER THIS REQUIREMENT.

AREA V

CS 2220	NUMERICAL METHODS	3 HOURS
MTH 1126	CALCULUS II	4 HOURS
TROY 1101	THE UNIVERSITY EXPERIENCE	1 HOUR
CS 2250	COMPUTER SCIENCE I	3 HOURS

COMPUTER SCIENCE MAJOR

(48 HOURS)

TAKE THE FOLLOWING COURSES:

CS	2255	COMPUTER SCIENCE II	3 HOURS
CS	3310	FOUNDATIONS OF COMPUTER SCIENCE	3 HOURS
CS	3323	DATA STRUCTURES	3 HOURS
CS	3329	ANALYSIS OF ALGORITHMS	3 HOURS
CS	3332	SOFTWARE ENGINEERING I	3 HOURS
CS	3360	CONCEPTS OF OBJECT PROGRAM I	3 HOURS
CS	3365	INTRO COMPUTER ORGANIZATION & ARCHITECTURE	3 HOURS
CS	3370	NATURE OF PROGRAMMING LANGUAGE	3 HOURS
CS	3372	FORMAL LANGUAGE & THEORY OF COMPUTATION	3 HOURS
CS	4420	INTRODUCTION TO DATABASE SYSTEMS	3 HOURS
CS	4445	DATA COMMUNICATION & NETWORKING	3 HOURS
CS	4448	OPERATING SYSTEMS	3 HOURS
STAT	2210	INTRODUCTORY STATISTICS	3 HOURS
MTH	2215	APPLIED DISCRETE MATHEMATICS	3 HOURS

MAJOR ELECTIVES

SELECT TWO ADDITIONAL COURSES FROM THE FOLLOWING 6 HOURS
 CS 3320, CS 3325, CS 3331, CS 3361, CS 4401, CS 4410, CS 4443, CS 4447, CS 4451,
 CS 4461, OR CS 4462.

FREE ELECTIVES REQUIREMENT

(19 HOURS)

TAKE 19 SEMESTER HOURS OF FREE ELECTIVE CREDIT 19 HOURS
 (MTH 1112 AND MTH 1114 ARE RECOMMENDED BY THE DEPARTMENT
 AS A FREE ELECTIVES DUE TO BEING PREREQUISITE COURSES FOR MTH 1125.
 DR DENOTES DEPARTMENTAL RECOMMENDED COURSES.)