MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
COMPUTER SCIENCE MAJOR-PROGRAM YEAR 2022-23

1ST YEAR

TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
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	3
ENG 1101/03	3	AREA II FINE ARTS COURSE	3	AREA III PHY 2252L252 OR PHY 2262/L262	3/1	AREA IV SS COURSE	3		
TROY 1101	1								
TOTAL	**7**	**TOTAL**	**6**	**TOTAL**	**7**	**TOTAL**	**6**	**TOTAL**	**3**

2ND YEAR

TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
AREA II LIT COURSE	3	AREA IV HIS COURSE	3	MTH 1125	4	AREA IV SS COURSE	3	MTH 1126	4
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**

3RD YEAR

TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
STAT 2210	3	AREA II HUM/FA COURSE	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3
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**

4TH YEAR

TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
REQ MAJ COURSE	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	FREE ELEC	3
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, CS 4462, OR CS 4495.

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.)