

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN APPLIED COMPUTER SCIENCE MAJOR—PROGRAM YEAR 2019-2020

	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
1 st Year	MTH 1112 (DR)	3	AREA IV SS COURSE	3	ENG 1102/04	3	IS 2241	3	AREA II HUM/FA COURSE	3
	ENG 1101/03	3	AREA II HUM/FA COURSE	3	AREA III SCI/LAB COURSE	3/	AREA IV SS COURSE	3		
	TROY 1101	1		Land.				5,4		
	TOTAL	7	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	3
2 ND YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	AREA II LIT Course	3	AREA IV HIS Course	3	AREA IV SS Course	3	MINOR COURSE	3	FREE ELEC	3
	AREA III SCI/LAB	3/	APPROVED MAJ ELEC	3	AREA II FINE ARTS COURSE	3	APPROVED MAJ ELEC	3	FREE ELEC	3
	COURSE			4				Y) -		
	TOTAL	7	TOTAL	6	TOTAL	-	TOTAL	6	TOTAL	6
	TERM 1		TERM 2		TOTAL 6 TERM 3		TERM 4		TERM 5	
3 RD YEAR	REQ MAJ	3	MINOR COURSE	3	REQ MAJ	3	MINOR COURSE	3	FREE ELEC	3
	COURSE	3	WINOR COOKSE	3	COURSE	3	WIIVOR COOKSE	J	TREETER	3
	REQ MAJ COURSE	3	APPROVED MAJ ELEC	3	APPROVED MAJ ELEC	3	APPROVED MAJ ELEC	3	FREE ELEC	3
			SE TRANSPORT							
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6
	TERM 4		TELDALO		TERMA		TEDAL		TERM	
4 TH YEAR	TERM 1		TERM 2		TERM 3		TERM 4		TERM 5	
	REQ MAJ COURSE	3	FREE ELEC	3	SS 4499	3	MINOR COURSE	3	FREE ELEC	3
	APPROVED MAJ ELEC	3	MINOR COURSE	3	APPROVED MAJ ELEC	3	MINOR COURSE	3	FREE ELEC	3
	Barrier de									
	TOTAL		ТОТИ				TION APPLICATION		ТОТИ	
	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL PROCEDA	6
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COMPLETE ALL REQUIREMENTS

(48 HOURS)

AREA I

TAKE THE FOLLOWING COURSES:
ENG 1101 COMP AND MODERN ENGLISH I
ENG 1102 COMP AND MODERN ENGLISH II
MINIMUM GRADE OF "C" REQ.

3 HOURS 3 HOURS

AREA II

TAKE ANY 1000 2000 LEVEL COURSE IN LITERATURE 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 2201 CALCULUS AND ITS APPLICATIONS
MINIMUM GRADE OF "C" REQ
TAKE ANY TWO 1000-2000 LEVEL SCIENCE CLASSES (CLASS
AND CORRESPONDING LAB) FROM THE FOLLOWING SCIENCE
DISCIPLINES: BIOLOGY, CHEMISTRY, PHYSICS, PHYSICAL SCIENCE, OR OTHER
SCIENCE AREAS. SELECT 2: 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 HOURS

8 HOURS

AREA IV

TAKE ANY 1000-2000 LEVEL COURSE WITH A PRIMARY FOCUS IN HISTORY TAKE THREE 1000-2000 LEVEL COURSE FROM THE FOLLOWING SOCIAL SCIENCE DISCIPLINES: ANTHROPOLOGY, BUSINESS, CRIMINAL JUSTICE, ECONOMICS, GEOGRAPHY, HISTORY, HUMAN SERVICES, LEADERSHIP,

3 HOURS 9 HOURS

INTERDISCIPLINARY STUDIES, NURSING, POLITICAL SCIENCE, PSYCHOLOGY, RELIGION, SOCIAL WORK, SOCIOLOGY, OR OTHER SOCIAL SCIENCE AREAS.

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

EVERY REASONABLE ATTEMPT TO ENSURE ACCURACY HAS BEEN MADE. SOME COURSES (SUCH AS DEVELOPMENTAL OR PRE-REQUISITE COURSES) ARE NOT REFLECTED IN THIS DEGREE MAP. COMPLETION OF DEGREE REQUIREMENTS IS BASED ON THE SPECIFIC CATALOG YEAR FOR EACH STUDENTA MINIMUM OF 120 HOURS IS REQUIRED FOR ALL BACCALAUREATE DEGREE PROGRAMS AT LEAST 25% OF THE CREDIT HOURS REQUIRED FOR THE DEGREE MUST BE COMPLETED IN RESIDENCY WITH TROY UNIVERSITY.AT IS SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN REACH MAJOR FIELD(S) OF STUDYA MINIMUM GPA OF 2.0 OVERALL AND IN THE MAJOR IS REQUIRED TO GRADUATE.NOTE: PLEASE CONSULT THE COLLEGE OF RATS AND SCIENCES OR CURRENT CATALOG FOR OTHER REQUIREMENTS NOT COVERED IN THIS DOCUMENT.NOTES: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. PLEASE CONSIDER THIS REQUIREMENT. WHEN SELECTING COURSEWORK IN AREAS II OR IV.



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AREA V

711	LILV								
	IS TROY MTH		COMPUTER CONCEPTS AND APPLICATIONS UNIVERSITY ORIENTATION APPLIED DISCRETE MATHEMATICS	3 HOURS 1 HOUR 3 HOURS					
APPLIED COMPUTER SCIENCE MAJOR									
	CS CS CS CS CS CS CS	THE FOLLO 2250 2255 2265 3330 4420 4443 4445 4447 4448	WING COURSES: 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	3 HOURS					
MAJOR ELECTIVES									
	SELECT THREE ADDITIONAL COURSES FROM THE FOLLOWING CS 3320, CS 3347, CS 4449, CS 4451, CS 4495, CS 4499, CS 4480, OR CS 4410								
MINOR									
AT LEAST ONE 18 SEMESTER HOUR MINOR IS REQUIRED TO COMPLETE THIS DEGREE PROGRAM. ADDITIONAL MAJORS ARE ACCEPTABLE.									
FREE ELECTIVES REQUIREMENT									
TAKE 18 SEMESTER HOURS OF FREE ELECTIVE CREDIT (MTH 1112 PRECALCULUS ALGEBRA IS RECOMMENDED BY THE DEPARTMENT									

AS A FREE ELECTIVE DUE TO BEING A PREREQUISITE COURSE FOR MTH 2201 AND MTH 2215. DR DENOTES DEPARTMENTAL RECOMMENDED COURSE.)

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 OFFICIAL DOCUMENT USED TO CLEAR STUDIENTS FOR GRADUATION. MY DEGREE MAP INICLUDES THE REQUIRED COURSE WORK AND SUGGESTED SEQUENCE OF COURSES FOR A PARTICULAR DEGREE PROGRAM. EVERY REASONABLE ATTEMPT HAS BEEN MADE TO ENSURE ACCURACY OF CONTENT. PLEASE KEEP IN MINDT THAT SOME COURSES, SUCH AS DEVELOPMENTAL OR PRE-REQUISITE COURSES, ARE NOT REFLECTED IN MY DEGREE MAP. COMPLETION 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.