

MY DEGREE MAP COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN COMPUTER SCIENCE PROGRAM-PROGRAM YEAR 2017-18

	Term 1		TERM 2		Term 3		TERM 4		Term 5
1 st Year	ENG 1101/03	3	AREA IV SS COURSE	3	ENG 1102/04	3	AREA IV SS COURSE	3	TROY 1101 1
	MTH 1112 (DR)	3	AREA II FINE ARTS COURSE	3	AREA III PHY/CHM SEQ COURSE	3/1	FREE ELEC	3	MTH 1114 (DR) 3
	MTH TITZ (DR)	3	AREA II TINE ARTS COORSE	3	AREA III 1111/CIIW 3EQ COOKSE	3/1	FREE ELEC	3	M1H1114 (DR) 3
	TOTAL	6	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL 4
	FALL SEMESTER				SPRING SEMESTER			SUMMER SEMESTER	
	TROY 1101	1	AREA II FINE ARTS COURSE	3	ENG 1102/04	3	FREE ELEC	3	SELECT COURSES THAT HAVE NOT BEEN
	ENG 1101/03	3	AREA IV SS COURSE	3	AREA III PHY/CHM SEQ COURSE	3/1	MTH 1114 (DR)	3	COMPLETED FROM PREVIOUS TERMS O
	MTH 1112 (DR)	3	THE TIVES COUNTED		AREA IV SS COURSE	3	William (Dig		SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN
	the state of the s	TOTAL 13		7. C. 1. 1. 30 C. O. C.		TOTAL 16		OR COORSES TO BE RETAKEN	
	Term 1		TERM 2		Term 3		Term 4		Term 5
	AREA II LIT COURSE	3	MTH 1125	4	CS 2255	3	AREA IV SS COURSE	3	AREA II HUM/FA COURSE 3
	AREA III PHY/CHM SEQ COURSE	3/1	CS 2250	3	MTH 1126	4	MTH 2215	3	AREA IV HIS COURSE 3
2 ND	TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	6	TOTAL 6
YEAR	FAL	L SEM	ESTER		Spring	G SEM	ESTER		SUMMER SEMESTER
LLAK	AREA II LIT COURSE	3	CS 2250	3	AREA IV SS COURSE	3	MTH 2215	3	SELECT COURSES THAT HAVE NOT BEEN
	AREA III PHY/CHM SEQ COURSE	3/1	AREA II HUM/FA COURSE	3	MTH 1126	4	AREA IV HIS COURSE	3	COMPLETED FROM PREVIOUS TERMS O
	MTH 1125	4	THE RESERVE OF THE RE		CS 2255	3			SEMESTERS AS PREREQUISITE COURSES OR COURSES TO BE RETAKEN
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	Term 1		Term 2		Term 3		TERM 4		Term 5
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	REQ MAJ COURSE REQ MAJ COURSE	3	REQ MAJ COURSE MTH 2210	3	REQ MAJ COURSE REQ MAJ COURSE	3	REQ MAJ COURSE REQ MAJ COURSE	3	AREA II HUM/FA COURSE 3 FREE ELEC 1
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A. AREA I:

TAKE THE FOLLOWING COURSES:
MINIMUM GRADE OF "C" REQUIRED

ENG 1101 COMP AND MODERN ENGLISH I 3 HOURS
ENG 1102 COMP AND MODERN ENGLISH II 3 HOURS

B. 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.

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.

C. AREA III:

TAKE MTH 1125 ("C" OR BETTER)

4 HOURS
TAKE AN EIGHT-HOUR COURSE/LAB SEQUENCE IN CHEMISTRY OR PHYSICS

CHEMISTRY SEQUENCE CHM 1142/L142 AND CHM 1143/L143

OR

OR

PHYSICS SEQUENCE PHY 2252/L252 AND PHY 2253/L253

D. AREA IV:

Take The Following Courses:

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, Interdisciplinary Studies,

Nursing, Political Science, Psychology, Religion, Social Work, Sociology,

Or Other Social Science Areas.

E. AREA V:

TAKE THE FOLLOV	VING COURSES:	
CS 2250	COMPUTER SCIENCE I	3 HOURS
MTH 1126	CALCULUS II	4 HOURS
TROY 1101	University Orientation	1 HOUR

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 LEAST 12 SEMESTER HOURS OF RESIDENCY MUST BE COMPLETED IN EACH MAJOR FIELD(S) OF STUDY.A MINIMUM GPA OF 2.0 OVERALL AND IN THE MAJOR IS REQUIRED TO GRADUATE.NOTE: PLEASE CONSULT THE COLLEGE OF ARTS AND SCIENCES OR CURRENT CATALOG FOR OTHER REQUIREMENTS NOT COVERED IN THIS DOCUMENT.NOTES: A SEQUENCE IN LITERATURE OR HISTORY IS REQUIRED. WHEN SELECTING COURSEWORK IN AREAS II OR IV, PLEASE CONSULT THIS REQUIREMENT. COURSEWORK MARKED WITH AN ASTERISK (*) ARE INTERNATIONAL COURSES. SIX HOURS OF INTERNATIONAL COURSEWORK IS REQUIRED. CONSIDER THIS REQUIREMENT WHEN SELECTING COURSEWORK IN AREAS II AND IV.



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COMPUTER SCIENCE PROGRAM						
MINIM TAKE TO CS	AUM GRADI FHE FOLLOV 2255 3310 3323 3329 3332 3360 3365 3370 3372 4420 4445 4448 2210	FOUNDATIONS OF COMPUTER SCIENCE DATA STRUCTURES ANALYSIS OF ALGORITHMS SOFTWARE ENGINEERING I CONCEPTS OF OBJECT PROGRAM I INTRO COMPUTER ORGANIZATION & ARCHITECTURE NATURE OF PROGRAMMING LANGUAGE FORMAL LANGUAGE & THEORY OF COMPUTATION INTRODUCTION TO DATABASE SYSTEMS DATA COMMUNICATION & NETWORKING OPERATING SYSTEMS	3 HOURS			
MAJOR EL	(6 HOURS)					
Take Two Additional Courses From The Following: CS 3320, CS 3325, CS 3331, CS 3361, CS 4401, CS 4443, CS 4447, CS 4451, CS 4461, CS 4462, OR CS 4495.						
FREE ELECTIVES REQUIREMENT						
Take 22 semester hours of free elective credit.						
Take Mth 1112 and Mth 1114 if not automatically placed into Mth 1125 (departmental recommendation)						