TROY UNIVERSITY ™

MY DEGREE MAP
COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
COMPUTER SCIENCE PROGRAM-PROGRAM YEAR 2016-17

1st Year

Term 1		Term 2		Term 3		Term 4		Term 5	
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
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 completed from previous terms or semesters as prerequisite courses or courses to be retaken	
ENG 1101/03	3	AREA IV SS COURSE	3	AREA III PHY/CHM SEQ COURSE	3/1	MTH 1114 (DR)	3		
MTH 1112 (DR)	3			AREA IV SS COURSE	3				
			TOTAL 13				TOTAL 16		

2nd Year

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
TOTAL	7	TOTAL	7	TOTAL	7	TOTAL	6	TOTAL	6

Fall Semester				Spring Semester				Summer Semester	
AREA II LIT COURSE	3	CS 2250	3	AREA IV SS COURSE	3	MTH 2215	3	Select courses that have not been completed from previous terms or semesters as prerequisite courses or courses to be retaken	
AREA III PHY/CHM SEQ COURSE	3/1	AREA II HUM/FA COURSE	3	MTH 1126	4	AREA IV HIS COURSE	3		
MTH 1125	4			CS 2255	3				
			TOTAL 17				TOTAL 16		

3rd 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	AREA II HUM/FA COURSE	3
REQ MAJ COURSE	3	MTH 2210	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	FREE ELEC	1
TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	4

Fall Semester				Spring Semester				Summer Semester	
REQ MAJ COURSE	3	MTH 2210	3	REQ MAJ COURSE	3	REQ MAJ COURSE	3	Select courses that have not been completed from previous terms or semesters as prerequisite courses or courses to be retaken	
REQ MAJ COURSE	3	AREA II HUM/FA COURSE	3	REQ MAJ COURSE	3	FREE ELEC	1		
REQ MAJ COURSE	3			REQ MAJ COURSE	3				
			TOTAL 15				TOTAL 13		

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	APPROVED MAJ ELEC	3
FREE ELEC	3	FREE ELEC	3	FREE ELEC	3	FREE ELEC	3	APPROVED MAJ ELEC	3
				Remember to File Your Intent to Graduate					
TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6	TOTAL	6

Fall Semester				Spring Semester				Summer Semester	
REQ MAJ COURSE	3	FREE ELEC	3	REQ MAJ COURSE	3	FREE ELEC	3	Select courses that have not been completed from previous terms or semesters as prerequisite courses or courses to be retaken	
REQ MAJ COURSE	3	FREE ELEC	3	REQ MAJ COURSE	3	FREE ELEC	3		
APPROVED MAJ ELEC	3			APPROVED MAJ ELEC	3				
Remember to File Your Intent to Graduate			TOTAL 15				TOTAL 15		

Total Program 120

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COLLEGE OF ARTS AND SCIENCES APPROVED ACADEMIC PLAN
COMPUTER SCIENCE PROGRAM-PROGRAM YEAR 2016-17

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	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

C. AREA III:

Take MTH 1125 ("C" or better)	4 HOURS
Take an Eight-Hour Course/Lab Sequence In Chemistry Or Physics	8 HOURS

Chemistry Sequence CHM 1142/L142 AND CHM 1143/L143
                        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	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

E. AREA V:

Take the following courses:

CS	2250	Computer Science I	3 HOURS
MTH	1126	Calculus II	4 HOURS
TROY	1101	University Orientation	1 HOUR

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COMPUTER SCIENCE PROGRAM-PROGRAM YEAR 2016-17

COMPUTER SCIENCE PROGRAM   (37 HOURS)

Minimum 2.0 overall GPA Required
Minimum Grade Of 'C' Required In All 2000 Level Courses
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
MTH	2210	Appllied Statistics	3 Hours
MTH	2215	Applied Discrete Mathematics	3 Hours

MAJOR ELECTIVES   (6 HOURS)

Take Two Additional Courses From The Following: 6 Hours
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   (22 HOURS)

Take 22 semester hours of free elective credit.   22 Hours

Take mth 1112 and mth 1114 if not automatically placed into mth 1125   6 Hours
(departmental recommendation)