TROY UNIVERSITY™

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

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 2017-18

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

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)