	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
1st YEAR	MTH 1112	3	AREA II HUM/FA COURSE	3	AREA III SCI/LAB COURSE	3/1	IS 2241	3	MTH 2201	3
	TOTAL	6	TOTAL	6	TOTAL	7	TOTAL	6	TOTAL	4
	Fall Semester				Spring Semester				Summer Semester	

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

Complete all 6 sub-requirements   **(48 hours)**

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 2201 ("C" or better)	3 hours
Take any two 1000-2000 level science classes (class And corresponding lab both required) from the following science Disciplines: biology, chemistry, physics, physical science, or other Science areas. Select 2: BIO-1100/L100, BIO 1101/L101, BIO 2202/L202, 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.	8 hours

D. AREA IV:

Take The Following Courses:

Take any 1000-2000 level course with a primary focus in history	3 hours
Take Any 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: IS 2241 Computer Concepts & Applications			3 hours
MTH	2215	Applied Discrete Mathematics	3 hours
TROY	1101	University Orientation	1 hour

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

APPLIED COMPUTER SCIENCE MAJOR   **(27 hours)**

Minimum 2.0 overall GPA Required
Take the following courses:

CS	2250	Computer Science I	3 hours
CS	2255	Computer Science II	3 hours
CS	2265	Advanced Programming I	3 hours
CS	3330	Data Structure & Algorithms	3 hours
CS	4420	Introduction To Database Systems	3 hours
CS	4443	Web-Based Software Development	3 hours
CS	4445	Data Communication & Networking	3 hours
CS	4447	Systems Analysis And Design	3 hours
CS	4448	Operating Systems	3 hours

MAJOR ELECTIVES   **(9 hours)**

Take Three Additional Courses From The Following: 9 hours
CS 3320, CS 3332, CS 3347, CS 4449, CS 4451 OR CS 4495

MINOR   **(18 hours)**

At Least One 18 Semester Hour Minor Is Required To Complete This Degree
Program. Additional Majors Are Also Acceptable.

FREE ELECTIVES REQUIREMENT   **(18 hours)**

Take 18 semester hours of free elective credit.   18 Hours