ENG 1101/03 Comp/Mod English I#	3.	BIO 1100 Principles of Bio and Lab	4.		
MTH 2201 Business Calculus#	3.	AREA IV, Group 2 elective**	3.		
AREA II, Group 4 elective	3.	ART 1133* or MUS 1131* DRA 2200	2.		
ART 1133* or MUS 1131* or DRA 2200	2	IS 2241 Computer Concepts/Applications	3.	· · · · · · · · · · · · · · · · · · ·	
AREA IV, Group 2 elective**	3.				
TOTAL	15 <sup>-</sup>	TOTAL	15 <sup>°</sup>		
•	•	•	•	•	•
3 <sup>rd</sup> Semester/Term 1 2	Hours	4 <sup>th</sup> Semester/Term 3 4	Hours	3 <sup>rd</sup> Semester/T5	Hours
AREA II, Group 3 literature elective	3.	AREA IV, Group 2 elective**	3.	Select courses that have not been completed from t	
AREA III, Continued, science elective	4 '	COM 2241 Fundamentals of Speech	3.	previous 2 semesters/ 4 terms or courses such as	
History Course from AREA IV	3.	CS 2255 Computer Science II	3.	prerequisite courses or courses to be retaken	
CS 2250 Computer Science 1	3.	Course to apply in minor	3.		
MTH 2215 Discrete Math	3.	Free electives	3.		
	•				
TOTAL	16 <sup>°</sup>	TOTAL	15 <sup>°</sup>		
•	•	•	•	•	•
5 <sup>th</sup> Semester/Term 1 2	Hours	6 <sup>th</sup> 'Semester/Term '3 4'	Hours	3 <sup>rd</sup> Semester/T5	Hours
CS 2265 Advanced Programming	3.	Required Computer Science Major course	3.	Select courses that have not been completed from the	
Required Computer Science Major course	3.	Required Computer Science Major course	3.	previous '2 semesters/ 4 terms or courses such as	
Course to apply in minor	3.	Course to apply in minor	3.	prerequisite courses or courses to be retaken	
Course to apply in minor	3.	Free electives	3.		
Free electives	3.	Free electives	3.		
TOTAL	15 <sup>°</sup>	TOTAL	15 <sup>°</sup>	•	•
·	•	•	•	·	•

7<sup>th ·</sup>

Required Computer Science Major course	3.	Required Computer Science Major course	3.	Select courses that have not been completed from the		
Required Computer Science Major course	3.	Approved Computer Sci Major elective	3.	previous 2 semesters/ 4 terms or courses such as		
Approved Computer Sci Major elective	3.	Approved Computer Sci Major elective	3.	prerequisite courses or courses to be retaken		
Course to apply in minor	3.	Course to apply in minor	3.		·	
Free electives	3.	Free electives	2		•	
TOTAL	15 <sup>°</sup>	TOTAL	14 <sup>°</sup>		·	
Minimum number of hours required for this major:TOTAL 120 Hours						

\*Indicates an international scope class (6 hours required)

\*\*A sequence is required in either literature or history. "Make selections from AREA II and IV" accordingly."

# Indicates courses which require approved placement scores

Courses in BOLD require a grade of C or above.

A minimum of 120 hours is required for all baccalaureate degree programs.

At least 50% of required coursework must be earned at a senior institution.

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.

Approved by the AEC 01/14

General Studies: Applied Computer Science Majors (49 Hours)

Complete all 6 subrequirements

	Group 3: Take three semester hours from the following: *ENG 2205, *ENG 2206, ENG 2211, ENG 2212, ENG 2244, or ENG 2245	3 hours
	Group 4: Take three semester hours from the following: *CLA 2260 , *ENG 2205, *ENG 2206, ENG 2211, ENG 2212, ENG 2244, ENG 2245, *FRN 1101, *GER 1121, *GRK 1111, IDS 2200, *LAT 1131, PHI 2203, PHI 2204, ANT 2280 or SPN 1141	3 hours
С	AREA III:	
	<ul> <li>Group 1: Take BIO 1100/L 100 General Biology w/Lab</li> <li>Group 2: Take MTH 2201 Business Calculus</li> <li>Area III: CONTINUED Select one course with corresponding Lab. NOTE: An 8 hour sequence in chemistry or physics is required in Areas III and V.</li> </ul>	3/1 hours 3 hours
	CHM 1142/L142 or PHY 2252/L252,	3/1 hours
	D. AREA IV:	
	Group 1: Take three hours from the following: HIS 1101, HIS 1102, HIS 1111, HIS 1112, HIS 1122 or HIS 1123	3 hours
	Group 2: Take nine semester hours from the following: ANT 2200, *ECO 2251, *ECO 2252, *GEO 2210, HIS 1101, HIS 1102, HIS 1111, HIS 1112, HIS 1122, HIS 1123, IDS 2200, *POL 2260, POL 2241, PSY 2200, PSY 2210 or SOC 2275	9 hours
E.	AREA V:	
	Take the following courses:	
	IS 2241 Intro to Computer Applications MTH 2215 Applied Discrete Math	3 hours 3 hours
	TROY 1101 University Orientation	1 hour

## Applied Computer Science Major - Piogram Year 2013-2014 (36 hours)

1. Take all of the following Computer Science 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 Structures and Algorithms	3 hours
CS 4420	Intro to Database Systems	3 hours