



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

\*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: 3 hours  
\*ENG 2205, \*ENG 2206, ENG 2211, ENG 2212,  
ENG 2244, or ENG 2245

Group 4: Take three semester hours from the following: 3 hours  
\*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

#### C. AREA III:

Group 1: Take BIO 1100/L 100 General Biology w/Lab 3/1 hours  
Group 2: Take MTH 2201 Business Calculus 3 hours  
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.  
CHM 1142/L142 or PHY 2252/L252, 3/1 hours

#### D. AREA IV:

Group 1: Take three hours from the following: HIS 1101, 3 hours  
HIS 1102, HIS 1111, HIS 1112, HIS 1122  
or HIS 1123  
Group 2: Take nine semester hours from the following: 9 hours  
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

#### E. AREA V:

Take the following courses:

IS 2241 Intro to Computer Applications 3 hours  
MTH 2215 Applied Discrete Math 3 hours  
TROY 1101 University Orientation 1 hour

Applied Computer Science Major - Program 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 |