BYU Computer Science
Major
Requirements / Prerequisites
Fall 2017

Major (74-77 Hours)
1. Grades below C- are not allowed in major courses.
2. Complete the following courses: CS 142, 224, 235, 236, 240, 252, 312, 324, 340, 404
3. Complete the following supporting courses: Engi 316, Math 112, 113, 313, and Phscs 121
4. Complete one of the following: Math 431, Stat 121 or Stat 201
5. Complete a total of 8 elective courses from the three groups:
   b. Up to 3 courses from the following courses: CS 256, 260, 405, EC EN 424, EC EN 425, IT 567, MATH 411, MATH 485
   c. Up to 2 courses from the following courses: CS 493R**, 494, 495, 497R**, 498R**
   (If CS 401R or 493R or 497R or 498R is selected, it must be taken for three credit hours)

Elective Information:
Students must complete a total of 8 elective courses. At least 4 electives must come from elective group A. The remaining 4 electives can be taken from the elective groups A (up to 4), B (up to 3), or C (up to 2).
BYU Computer Science
Major
Animation Emphasis
(78.5-79.5 Hours)
Fall 2017

A. Grades below C- are not allowed in major courses

Core Course Requirements
B. Complete the following prerequisite courses:
   - CS 142, CS 235, CSAnm 150
C. Apply to the program
D. Complete the following:
   - CS 224, 236, 240, 252, 312, 324, 340, 355, 404, 455
E. Complete the following supporting courses:
   - CSAnm 354, Engl 316, Math 112, 113, 313
   - Phscs 121, TMA 102, 294 and Stat 121 or 201
F. Complete either CSAnm 450R or 459R

Elective Course Requirements
G. Complete 1 course from the following:
   - ArtHC 111, ArtHC 202, or Tech 201
H. Complete 1 course from the following:
   - CS 498R*, 501R*, CSAnm 351R, 354, 452R, 458,
     CHEM 500, EC EN 425, or any 400 or 500-level course not used in above requirements
I. Complete 1 course from the following:
   - CS 256, 260, 330, 345, EC En 425, or any 400-level
     CS courses (except CS 404, 405, 455, and
     498R*)

*CS 401R, 498R & 501R must be taken for 3 credits

Updated 6/8/2017  Guide only – Consult MyMap for your major/minor requirements
1. Grades below C- are not allowed in major courses.
2. Complete the following courses:
   CS 142, 224, 235, 236, 240, 252, 312, 324, 340, 404, 418.
3. Complete the following additional courses:
   a. Engl 316.
   b. Math 112, 113, 313.
   c. Phscs 121.
   d. Stat 121 or 201
   e. Bio 130, 465
   f. Chem 105.
   g. MMBio 240.
   h. PWS 340.
3. Elective Course Requirements
   Complete 18 hours from the courses
   B. Complete 0-2 elective courses CS 493R, 494, 495, 497R, 498R

Guide only – Consult MyMap for your major/minor requirements
BYU Computer Science Minor
(22 Credit Hours)
Fall 2017

A. Grades below C- are not allowed in minor courses

Core Requirements

B. Complete the following courses:
   CS 142, 235, 236, 240

Elective Course Requirements

C. Complete up to six hours from the following courses:

D. Complete up to three hours from the following courses:

* Note: if these classes are chosen, they must be taken for three credit hours.

Guide only – Consult MyMap for your major/minor requirements

Updated 6/8/2017