

BS in Computer Science (440)

Catalog Year
2009 - 2010

General Information:

Academic Advising has provided a **recommended graduation plan** for every major we offer.

- This plan is built to meet the University's minimum credit requirement (120 credits for a bachelor's degree and 60 for an associate) in 8 semesters or less. Each plan includes all required courses, including Foundations and major as well as emphasis, minor or clusters (if applicable). The plan may also include elective courses to meet the credit requirement.
- Please note the following terms: Groups = A term used on the Degree Audit to reference a required group of classes that may be pre-selected or from which you can choose; General Elective = any course offering at BYU-Idaho which you are eligible to take; Major Elective = a required course from a list of multiple course options within your major. (A certain number of "major electives" may be required for your major, but you can select which course from the given list.)

Semester 1	Credits	Semester 2	Credits	Semester 3	Credits	Semester 4	Credits
CS 124	3	CS 165	3	CS 235	3	CS 238	3
*FDMAT 112	4	MATH 113 or 341	3	CS 213	3	CS 246	3
FDSCI 101	2	FDAMF 101	3	CS 237	3	ECEN 324	3
FDENG 101	3	FDSCI Issues	3	ECEN 224	3	**Science Elective	4
FDREL 121 or 122	2	FDREL 121 or 122	2	**Science Elective	4	FDREL 200	2
Total Credits	14	Total Credits	14	Total Credits	16	Total Credits	15

Semester 5	Credits	Semester 6	Credits	Off-Track	Credits	Semester 7	Credits
CS 308	2	CS 306	3	***CS 398 or 498	1	CS 416	2
CS 345	3	CS 364	4			^Supplemental Courses	3
^Supplemental Courses	3	^Supplemental Courses	3			^Supplemental Courses	3
^Supplemental Courses	3	FDHUM or FDWLD	2-3			#FDINT or FDWLD	2-3
FDMAT 224	3	FDREL Scriptures	2			FDENG 201	3
FDREL Scriptures	2	*Take one:	1-3			FDREL Scriptures	2
		FDMAT 108 (3 cr)					
		FDMAT 108T (1 cr)					
Total Credits	16	Total Credits	15-18	Total Credits	1	Total Credits	15-16

Semester 8	Credits
CS 470	3
CS 432	3
CS 499	3
FDSCI Issues	2
FDCNC 250	2
FDREL Elective	2
Total Credits	15

Special Instructions

~Computer Science is a Specialized major; no minor or clusters are allowed.

*Students will need to either take FDMAT 108-Mathematical Tools for the Real World (3 cr) or FDMAT 108T-Math for the Real World Test (1 cr) to complete the Quantitative Reasoning Requirement for Foundations. The prerequisite for FDMAT 108T will be the successful completion of any FDMAT course. The Computer Science department recommends that students majoring in CS choose FDMAT 112-Calculus as the prerequisite (FDMAT 112 is a prerequisite for Math 113) and take FDMAT 108T. Please see the Math homepage for more information on the Quantitative Reasoning requirement (<http://www.byui.edu/MATH/Foundations/foundations.htm>).

**Choose one area: (Chem 105 & Chem 1060, or (Geol 111, 111L, 112, 112L), or (PH 121, 150, 220, 250).

^Technical Electives - Take 15 credits from the following courses: CompE 360 (3 cr); CS 313 (3 cr); CS 356 (1 cr); CS 371 (3 cr); CS 460 (3 cr); CS 480 (3 cr); CS 490 (3 cr); CS 499S (1-2 cr).

***CS 398 or CS 498R- Internship can be taken for 1 - 3 credits. It is recommended it be taken during your off-track semester before your senior year.

#Complete FDINT 201-203 if a FDHUM course was previously taken; complete FDWLD 201 if FDWLD 101 was taken.

