

## BS in Computer Science (440)

Catalog Year  
2011 - 2012

**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 to choose 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 160	3	**Science Elective	4
FDREL 121 or 122	2	FDREL 121 or 122	2	**Science Elective	4	FDREL 200	2
<b>Total Credits</b>	<b>14</b>	<b>Total Credits</b>	<b>14</b>	<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>15</b>

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	*Take one:	1-3			FDENG 201	3
FDREL Scripture	2	FDMAT 108 (3 cr)				FDREL Elective	2
		FDMAT 108T (1 cr)					
		FDREL Scripture	2				
<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>15-18</b>	<b>Total Credits</b>	<b>1</b>	<b>Total Credits</b>	<b>15-16</b>

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

**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 106), or (GEOL 111, 111L, 112, 112L), or (PH 121, 150, 220, 250).
- ^Technical Electives - Take 15 credits from the following courses: Ecen 460 (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.

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**Instructions:**

Now that you have seen the sample schedule for your major, please chart your own personalized plan taking into account the following: track, course availability, completed coursework, and planned graduation. Use this sample schedule, along with your degree audit, to create your plan. You can access your degree audit from your my.byui.edu portal under the Student tab, Degree Information. Once you have completed your planning, please bring this form to the Satellite Advising Center over your major so that an advisor can approve your plan and help you with any fine-tuning.

Semester 1	Credits	Semester 2	Credits	Semester 3	Credits	Semester 4	Credits
Semester 5	Credits	Semester 6	Credits	Semester 7	Credits	Semester 8	Credits

Student Name:

I-Number:

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Advisor Name:

Date:

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