

BS in Computer Engineering (450)

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 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	MATH 316	4
*FDMAT 112	4	MATH 215	4	CS 237	3	CompE 250	4
CompE 150	3	Chem 105	4	CompE 224	3	PH 121	3
FDENG 101	3	FDSCI 101	2	FDAMF 101	3	FDENG 201	3
FDREL 121 or 122	2	FDREL 121 or 122	2	FDSCI Issues	2	FDREL 200	2
Total Credits	15	Total Credits	15	Total Credits	14	Total Credits	16

Semester 5	Credits	Semester 6	Credits	Off-Track	Credits	Semester 7	Credits
CompE 324	3	CompE 340	3	***CompE 398	1-3	**Tech Elective	3
CS 308	2	PH 220	3			**Tech Elective	3
CompE 360	3	CompE 350	3			**Tech Elective	3
*FDMAT 224	3	*Take one:	1-3			FDSCI Issues	3
FDHUM or FDWLD	2-3	FDMAT 108 (3 cr)				FDREL Scriptures	2
FDREL Scriptures	2	FDMAT 108T (1 cr)					
		FDREL Scriptures	2				
		#FDINT or FDWLD	2-3				
Total Credits	15-16	Total Credits	14-17	Total Credits	1-3	Total Credits	14

Semester 8	Credits
*Tech Elective	3
*Tech Elective	3
CompE 499	3
FDCNC 250	2
FDREL Elective	2
^General Elective	2
Total Credits	15

Special Instructions

~Computer Engineering 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 CompE choose FDMAT 112-Calculus as the prerequisite (FDMAT 112 is a prerequisite for Math 113) and take FDMAT 108T. However, since there is a significant statistical element to FDMAT 108T, students may want to wait until completing FDMAT 224 before taking FDMAT 108T. Please see the Math homepage for more information on the Quantitative Reasoning requirement (<http://www.byui.edu/MATH/Foundations/foundations.htm>).

**Technical Electives - Take 5 courses from CompE 440, 450, 460, 470, 480, 490 OR take 4 courses from CompE 440, 450, 460, 470, 480, 490 and 1 course from CS 306, 345, 460, 490.

***CS 398 - Internship recommended to 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.

^Take only if total credits are under 120.

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
Total Credits		Total Credits		Total Credits		Total Credits	
Semester 5	Credits	Semester 6	Credits	Semester 7	Credits	Semester 8	Credits
Total Credits		Total Credits		Total Credits		Total Credits	

Student Name:

I number:

Advisor Name:

Date:
