

## BS in Electrical Engineering (445)

Catalog Year  
2014 - 2015

**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	CHEM 105	4	CS 241	4	CS 237	3
*FDMAT 112	4	ECEN 160	3	ECEN 260	3	ECEN 250	4
ECEN 150	3	MATH 215	4	PH 220	3	MATH 316	4
FDENG 101	3	PH 121	3	FDAMF 101	3	FDENG 201	3
FDREL 121 or 122	2	FDREL 121 or 122	2	**FDSCI 101	2	FDREL 200	2

<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>16</b>	<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>16</b>
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Winter	Credits	Spring	Credits	Fall	Credits	Winter	Credits
ECEN 350	3	CS 308	3	##ECEN 398R	1	#Supplemental Course	3
#Supplemental Course	2	MATH 330	3			#Supplemental Course	3
ECEN 340	3	#Supplemental Course	3			ECEN 390	3
ECEN 380	3	*Cultural Awareness	3			###Math/Sci Elective	3
*Cultural Awareness	2	FDMAT 108T	1			FDREL Elective	2
FDREL Scripture-based	2	FDREL Scripture-based	2				

<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>1</b>	<b>Total Credits</b>	<b>14</b>
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Spring	Credits
#Supplemental Course	3
#Supplemental Course	3
ECEN 499	3
FDCNC 350	2
FDREL Elective	2
<b>Total Credits</b>	<b>13</b>

**Special Instructions**

- ~ Electrical Engineering is a Specialized major; no minor or clusters are allowed.
- \*Complete either FDCA 101 and a FDCA 200-level course, or complete FDWLD 101 and FDWLD 201.
- #Supplemental Courses: Take 4 courses ECEN 324, 420, 430, 440, 450, 460, 470, 480, 490, ME 310.#ECEN 398R -
- ##Internship recommended to be taken during your off-track semester before your senior year.
- ###May choose any five courses among the science courses list; there is no need for the two courses to be within one subject.