

## California State University, Chico — Electrical and Computer Engineering Dept. Four-Year Curriculum

**2009/2011 Catalog**

**❖ BS in Electrical/Electronic Engineering ❖**

Students following the program below will satisfy the requirements for the Electrical/Electronic Engineering major as well as the General Education requirement of the University. Also required: 132 semester units; 2.0 GPA required: in major (105 units), in all CSUC EECE- prefix courses, and in all CSUC courses.

FRESHMAN YEAR					SOPHOMORE YEAR						
Course No.	Title	Offered	Fall	Grade	Course No.	Title	Offered	Fall	Grade		
EECE 101	Intro to ECE	Fa/Sp	2		EECE 221	Proc .Architect./Assembly Lang. Program	Fa/Sp	3			
CHEM 111	General Chemistry(B1)	Fa/Sp	4		PHYS 204B	Electricity/Magnetism	Fa/Sp	4			
MATH 120	Anal. Geometry & Calculus (B3)	Fa/Sp	4		MATH 220	Anal. Geometry & Calculus	Fa/Sp	4			
ENGL 130	Academic Writing (A2)	Fa/Sp	3		GE	Area B2	Fa/Sp	3			
GE	Area C1, C2, or C3 (see Gen Ed )		3		HIST 130	United States History (C)	Fa/Sp	3			
				<b>Spring</b>	Grade					<b>Spring</b>	Grade
EECE 135	Algorithms & Programs for Engineers	Fa/SP		3	EECE 211	Linear Circuits I	Fa/Sp		3		
EECE 144	Logic Design Fundamentals	Fa/Sp		4	EECE 211L	Linear Circuits I Activity	Fa/Sp		1		
MATH 121	Anal. Geometry & Calculus	Fa/Sp		4	MATH 260	Elem. Differential Equations	Fa/Sp		4		
PHYS 204A	Mechanics	Fa/Sp		4	PHYS 204C	Heat/Wave Motion/Sound/Light	Fa/Sp		4		
GE	Area D1,D2, or D3 (see Gen Ed)	Fa/Sp		3	CMST 131	Speech/Comm Fundamentals (A1)	Fa/Sp		3		
					POLS 155	American Government (D)	Fa/Sp		3		
<b>Freshman Year Units</b>			<b>16</b>	<b>18</b>	<b>Sophomore Year Units</b>			<b>17</b>	<b>18</b>		

  

JUNIOR YEAR					SENIOR YEAR						
Course No.	Title	Offered	Fall	Grade	Course No.	Title	Offered	Fall	Grade		
EECE 311	Linear Circuits II (UT)	Fa/Sp	4		EECE 335	Project Req., Design & Testing	Fa/Sp	3			
EECE 315	Electronics I	Fa/Sp	4		CIVL 495	Lifelong Develop. For Engineers (E)	Fa/SP	3			
EECE 344	Digital Systems Design	Fa/Sp	4		EECE 482	Control Systems Design	Fa	4			
CIVL 302	Engineering Econ & Statistics (D)	Fa/Sp	3		EECE 490A	Senior Project (WP)	Fa/Sp	3			
					GE	^Upper Division Thematic	Fa/Sp	3			
				<b>Spring</b>	Grade					<b>Spring</b>	Grade
EECE 316	Electronics II	Sp		4	EECE 465	Digital Signal Processing	Sp		4		
EECE 343	Computer Interface Circuits	Fa/Sp		4	EECE 453	Communication Systems Design	Sp		4		
EECE 365	Continuous-Time Sig & Trans.	Fa/Sp		4	EECE 490B	Senior Project	Fa/Sp		2		
EECE 375	Fields and Waves	Sp		3	+	Restricted Elective	Fa/Sp		4		
					GE	^Upper Division Thematic	Fa/Sp		3		
<b>Junior Year Units</b>			<b>15</b>	<b>15</b>	<b>Senior Year Units</b>			<b>16</b>	<b>17</b>		
<b>TOTAL PROGRAM UNITS</b>								<b>132</b>			

+ Restricted Electives: Any approved upper-division ECE course not otherwise required, with adviser approval.

^ Upper-Division Thematic: (See GE Thematic)

General Education courses taken under Areas C1, C2, C3, D1, D2, D3 or Upper Division Thematic must include one Ethnic and one Non-Western course.

WP = Writing Proficiency course; UT = Upper-Division Thematic

February 24, 2009