

**Bachelor of Science in Electrical Engineering**  
**College of Engineering**  
**University of Texas at Arlington**  
**General Requirements 2007-2008** ■ **Total Credit Hours = 129**

**Freshman**

First Semester			Hours	Second Semester			Hours
CHEM	1441	General Chemistry I (w/ Lab)	4	CSE	1311	Intro to Programming for Engr. And Scientists	3
EE	1104	Introduction to Engineering	1	ENGL	1302	Critical Thinking, Reading and Writing II	3
EE	1105	Introduction to EE	1	HIST	1311	U.S. History to 1865	3
ENGL	1301	Critical Thinking, Reading and Writing I	3	MATH	2425	Calculus II	4
MATH	1426	Calculus I	4	PHYS	1444	Technical Physics II (w/ Lab)	4
PHYS	1443	Technical Physics I (w/ Lab)	4				
<b>Total Credit Hours</b>			<b>17</b>	<b>Total Credit Hours</b>			<b>17</b>

**Sophomore**

First Semester			Hours	Second Semester			Hours
CE	2312	Statistics & Dynamics	3	COMS	3302	Prof & Tech Communication	3
EE	2315	Circuit Analysis I	3	EE	2303	Electronics I	3
EE	2347	Computer Methods for Elec. Engineering	3	EE	2307	Electromagnetics I	3
HIST	1312	U.S. History since 1865	3	EE	2446	Circuit Analysis II (w/ Lab)	4
MATH	2326	Calculus III	3	MATH	3319	Diff Equations & Linear Algebra	3
<b>Total Credit Hours</b>			<b>15</b>	<b>Total Credit Hours</b>			<b>18</b>

**Junior**

First Semester			Hours	Second Semester			Hours
EE	3302	Fundamentals of Power Systems	3	EE	3310	Microprocessors	3
EE	3308	Electromagnetics II	3	EE	3318	Discrete Signals & Systems	3
EE	3317	Linear Systems	3	EE	3330	Probability & Random Signals	3
EE	3341	Digital Circuits Design	3	MAE	3309	Thermal Engineering	3
EE	3444	Electronics II (w/ Lab)	4	POLS	2311	U.S. Government	3
						Fine Arts Elective ■	3
<b>Total Credit Hours</b>			<b>16</b>	<b>Total Credit Hours</b>			<b>18</b>

**Senior**

First Semester			Hours	Second Semester			Hours
ECON	2305	Macroeconomics	3	EE	4349	Engineering Design Project	3
EE	4314	Control Systems	3	ENGL	X3XX	Literature	3
EE	4330	Fundamentals of Telecommunications Sys.	3	POLS	2312	State & Local Government	3
EE	4340	Concepts & Exercises in Engineering Practice	3			Engineering Elective §	3
		Engineering Elective §	3			Math/Science Elective ■	3
<b>Total Credit Hours</b>			<b>15</b>	<b>Total Credit Hours</b>			<b>15</b>

Students who do not have two units of a single foreign language in high school will be required to take two courses of a single foreign language in addition to the previously listed curriculum requirements.

§ To be chosen from the approved list of technical electives available in the EE office, 520 NH.

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This document serves as a supplement to the UTA Undergraduate 2007-2008 Catalog, the on-line version of which is the official source of university information.

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