Bachelor of Science in Electrical Engineering
Spring 2003

FRESHMAN YEAR

MATH	261	Calculus I		3	MATH	262	Calculus II		3
CHEM	105	General Chemistry		3	CSCI	259	Programming in C		3
CHEM	115	Gen Chemistry Lab		1	LIBA	102	First Year Seminar		3
ENGL	101	English Comp		3	PHYS	211	Phys. for Sci. & Eng.		3
CSCI	251	Prog. for Eng. & Sci.		3	PHYS	221	Phys. for Sci. & Eng. Lab		1
EL E	100	Introduction to EE		1	S-H-F Elective				3
US	101	University Studies		1					
S-H-F Elective				3					
		Semester Total:		18			Semester Total:		16

SOPHOMORE YEAR

MATH	263	Calculus III		3	MATH	264	Calculus IV		3
PHYS	212	Phys. for Sci. & Eng.		3	MATH	353	Differential Equations		3
PHYS	222	Phys. for Sci. & Eng. Lab		1	ENGR	360	Electric Circuit Theory		4
EL E	335	Digital Systems		3	ENGR	361	Electric Circuits Lab		1
EL E	336	Digital Systems Lab		1	S-H-F Elective				3
ECON	310	Eng. Economics		3	S-H-F Elective				3
S-H-F Elective				3					
		Semester Total:		17			Semester Total:		17

JUNIOR YEAR

ENGR	410	Eng. Analysis II		4	ENGR	310	Eng. Analysis I		4
ENGR	321	Thermodynamics		3	EL E	331	Linear Systems		3 *
ENGR	309	Eng. Mechanics		3	EL E	341	Theory of Fields		3
EL E	351	Models & Circuits I		3	EL E	352	Models & Circuits II		3
EL E	367	CAD in EE I		2	EL E	353	Electronics Lab		1
EL E	385	Advanced Digital Sys.		3	EL E	368	CAD in EE II		1
					EL E	386	Adv. Digital Sys. Lab		1
		Semester Total:		18			Semester Total:		16

SENIOR YEAR

EL E	431	Theory of Control Sys.		3	EL E	462	Senior Design II		2
EL E	441	Electromag. Theory I		3	Tech. Electives				14
EL E	447	Mod., Noise, & Comm.		3					
EL E	461	Senior Design I		1					
EL E	485	Micropr. Sys. Eng.		2					
EL E	486	Micropr. Sys. Eng. Lab		1					
EL E	533	Electronic Prop. Mat.		3					
		Semester Total:		16			Semester Total:		16

Total Semester Hours: 134

* ENGR 330 can be used as a substitute course, ONLY if EL E 331 is not being taught.