



Electrical Engineering at GA Tech Lorraine Junior Fall

Approved 31 July 2018 by Prof. Holman

Semester 1	Course	Hrs
CHEM 1601, 1601L	General Chemistry	4
ES 1401, 1402, 1403	Intro to Engineering	3
MATH 1300	Acc Single-Var Calculus I	4
	LAC	3
	Vanderbilt Visions	0
	total hours	14

Semester 3	Course	Hrs
EECE 2112	Circuits I	3
EECE 2116, 2116L	Digital Logic	4
MATH 2300	Multivariable Calculus	3
PHYS 1602, 1602L	General Physics II & Lab	4
	LAC	3
	total hours	17

Semester 5	at GA Tech Lorraine	Hrs
ECE 3025 (3 hrs EECE 3233)	Electromagnetics	3
ECE 3040 (3 hrs EECE 3235, 1 hr EECE 2052)	Microelectronic Circuits	4
ECE 3043 (1 hr EECE 3235L, 1 hr EECE 2052)	Meas / Circ / Microelec Lab	2
MATH 3670 (3 hrs MATH 2810)	Prob & Stat with Applications	3
	LAC	3
	total hours	15

Semester 7	Course	Hrs
EECE 4950	Prog. & Project Mgmt for EECE	3
EECE 4959	Sr Engineering Design Seminar	1
	EE Program Elective	3
	EE Program Elective	3
	EE Program Elective	3
	Tech Elective	3
	total hours	16

Semester 2	Course	Hrs
CS 1101 (or 1103)	Programming and Problem Solving	3
MATH 1301	Acc Single-Var Calculus II	4
PHYS 1601, 1601L	General Physics I	4
MSE 1500, 1500L	Materials Science I	4
	total hours	15

Semester 4	Course	Hrs
EECE 2213, 2213L	Circuits II	4
MATH 2400	Diff Eq with Linear Algb	4
	Tech Elective	3
	Tech Elective	3
	LAC	3
	total hours	17

Semester 6	Course	Hrs
EECE 3214	Signals and Systems	3
	EE Program Elective	3
	EE Program Elective	3
	Tech Elective	3
ES 2100W	Technical Communications	3
	LAC	3
	total hours	18

Semester 8	Course	Hrs
EECE 4951	Electrical & Computer Eng. Design	3
	EE Program Elective	3
	Tech Elective	3
	Tech Elective	1
	LAC	3
	Open Elective	3
	total hours	16

total hours = **128**

This curriculum plan is a guide but is NOT authoritative. The Undergraduate Catalog is the authoritative document regarding degree requirements. Students considering studying abroad should consult the catalog and discuss their plans with their academic advisers.