

Electrical Engineering Major Adviser's Data Sheet

Name of Student _____
 Home Address _____

High School _____
 ACT (Composite Score) _____
 Engineering field _____

Freshman Year (fall odd year, spring even year)			
Fall Semester		Spring Semester	
ENG 1001G Composition	3	MAT 2442 Calculus II	5
MAT 1441G Calculus I	5	PHY 1361 General Physics II	3
PHY 1351G General Physics I	3	PHY 1362 General Physics II, Lab	1
PHY1352G General Physics I Lab	1	EEN 1100 Logic Design	3
CHM 1310G Chemistry I	3	EEN 1101 Logic Design Lab	1
CHM 1315G Chemistry I Lab	1	EEN 1001 Intro to Physics & Engineering	1
	16		14
Sophomore Year (fall even year, spring odd year)			
Fall Semester		Spring Semester	
MAT 2443 Calculus III	4	MAT 3501, Differential Equations I	3
PHY 1371 General Physics III	3	MAT 2550 Intro to Linear Algebra	3
PHY 1372 General Physics III Lab	1	EEN 3270 Intro Circuit Analysis	4
EEN 3150 Electronics	4	CMN 1310 Intro to Speech Communications	3
CSM 2170 Computer Science I	4	ENG 1002G Literature	3
	16		16
Junior Year (fall odd year, spring even year)			
Fall Semester Odd Years		Spring Semester Even Years	
MAT 3701 Probability and Statistics I	3	Social Sciences, Humanities, or Fine Arts(G)	3
EEN 4601 Semiconductor Device Physics	3	EEN 4501 Feedback & Control Systems	4
Social Sciences, Humanities, or Fine Arts(G)	3	Social Sciences, Humanities, or Fine Arts(G)	3
Social Sciences, Humanities, or Fine Arts(G)	3	EEN Elective (Recommend CSM 2670)	4
EEN 4401 Signals and Systems	3		
	15		14
Senior Year (fall even year, spring odd year)			
Fall Semester Even Years		Spring Semester Odd Years	
EEN 4301 Digital Systems and Design	4	EEN 4701 Senior Design*	3
PHY 3415 Electricity and Magnetism I	4	EEN 4330 Embedded Systems	4
Social Sciences, Humanities, or Fine Arts(G)	3	Social Sciences, Humanities, or Fine Arts(G)	3
EEN Elective (Recommend CSM 3670)	3	Senior Seminar	3
		Scientific Awareness Bio (G)	3
	14		16

The one or two semester hour of EEN 4275 Internship in Electrical Engineering is usually completed during the summer.

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Freshman Year (fall even year, spring odd year)			
Fall Semester		Spring Semester	
ENG 1001G Composition	3	MAT 2442 Calculus II	5
MAT 1441G Calculus I	5	PHY 1361 General Physics II	3
PHY 1351G General Physics I	3	PHY 1362 General Physics II, Lab	1
PHY1352G General Physics I Lab	1	EEN 1100 Logic Design	3
CHM 1310G Chemistry I	3	EEN 1101 Logic Design Lab	1
CHM 1315G Chemistry I Lab	1	EEN 1001 Intro to Physics & Engineering	1
	16		14
Sophomore Year (fall odd year, spring even year)			
Fall Semester		Spring Semester	
MAT 2443, Calculus III	4	MAT 3501, Differential Equations I	3
PHY 1371, General Physics III	3	MAT 2550 Intro to Linear Algebra	3
PHY 1372, General Physics III Lab	1	EEN 3270 Intro Circuit Analysis	4
EEN 3150, Electronics	4	CMN 1310 Intro to Speech Communications	3
CSM 2170, Computer Science I	4	ENG 1002G Literature	3
	16		16
Junior Year (fall even year, spring odd year)			
Fall Semester Even Years		Spring Semester Odd Years	
EEN 4301 Digital Systems and Design	4	Scientific Awareness Bio (G)	3
PHY 3415 Electricity and Magnetism I	4	EEN 4330 Embedded Systems	4
EEN Elective (Recommend CSM 2670)	4	Social Sciences, Humanities, or Fine Arts(G)	3
Social Sciences, Humanities, or Fine Arts(G)	3	EEN Elective (Recommend EEN 4780)	3
		Social Sciences, Humanities, or Fine Arts(G)	3
	15		16
Junior Year (fall odd year, spring even year)			
Fall Semester Odd Years		Spring Semester Even Years	
MAT 3701, Probability and Statistics I	3	EEN 4701 Senior Design	3
EEN 4601 Semiconductor Device Physics	3	EEN 4501 Feedback & Control Systems	4
Social Sciences, Humanities, or Fine Arts(G)	3	Social Sciences, Humanities, or Fine Arts(G)	3
EEN 4401, Signals and Systems	3	EEN Elective (Recommend EEN 4430)	3
Social Sciences, Humanities, or Fine Arts(G)	3	Senior Seminar	3
	15		16

The one or two semester hour of EEN 4275 Internship in Electrical Engineering is usually completed during the summer.