

Engineering Physics (3-2) Adviser's Data Sheet

Name of Student _____
 Home Address _____

High School _____
 ACT (Composite Score) _____

Physics Major (B.S.)
Engineering Physics with 2 years at another institution (recommend UIUC or SIUC)
Option 1: Beginning Fall Semester Odd Years

Freshman Year (fall odd year, spring even year)			
Fall Semester		Spring Semester	
ENG 1001G Composition	3	ENG 1002G Literature	3
MAT 1441G Calculus I	5	MAT 2442 Calculus II	5
PHY 1351G General Physics I	3	PHY 1361 General Physics II	3
PHY1352G General Physics I Lab	1	PHY 1362 General Physics II, Lab	1
CHM 1310G Chemistry I	3	EEN 1100 Logic Design	3
CHM 1315G Chemistry I Lab	1	EEN 1101 Logic Design Lab	1
		EEN 1001 Intro to Physics & Engineering	1
	16		17
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	Humanities and Fine Arts (G)	3
PHY 1372, General Physics III Lab	1	PHY 2450, Classical Dynamics	3
EEN 3150, Electronics	4	CMN 1310 Intro to Speech Communications	3
PHY 2390 Statics	3	ECN 2801G Principles of Macroeconomics	3
	15		15
Junior Year (fall odd year, spring even year)			
Fall Semester Odd Years		Spring Semester Even Years	
PHY 4000 Physics Seminar	1	Social & Behavioral Sciences (G)	3
PHY 4711 Advanced Lab I	1	Humanities and Fine Arts (G)	3
Social & Behavioral Sciences (G)	3	PHY 4712 Advanced Lab II	1
Humanities and Fine Arts (G)	3	PHY Elective (Recommend PHY 4320)	4
PHY 4855 Quantum Mechanics	3	Scientific Awareness Biological Science (G)	3
PHY Elective (Recommend 4750)	3	PHY Elective (Recommend 3270 or 4865)	3
	14		17

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Physics Major (B.S.)
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Option 2: Beginning Fall Semester Even Years

Freshman Year (fall even year, spring odd year)			
Fall Semester		Spring Semester	
ENG 1001G Composition	3	ENG 1002G Literature	3
MAT 1441G Calculus I	5	MAT 2442 Calculus II	5
PHY 1351G General Physics I	3	PHY 1361 General Physics II	3
PHY1352G General Physics I Lab	1	PHY 1362 General Physics II, Lab	1
CHM 1310G Chemistry I	3	EEN 1100 Logic Design	3
CHM 1315G Chemistry I Lab	1	EEN 1101 Logic Design Lab	1
		EEN 1001 Intro to Physics & Engineering	1
	16		17
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	Humanities and Fine Arts (G)	3
PHY 1372, General Physics III Lab	1	PHY 2450, Classical Dynamics	3
EEN 3150, Electronics	4	CMN 1310 Intro to Speech Communications	3
PHY 2390 Statics	3	ECN 2801G Principles of Macroeconomics	3
	15		15
Junior Year (fall even year, spring odd year)			
Fall Semester		Spring Semester	
PHY 4000 Physics Seminar	1	Social & Behavioral Sciences (G)	3
PHY 4711 Advanced Lab I	1	Humanities and Fine Arts (G)	3
Social & Behavioral Sciences (G)	3	PHY 4712 Advanced Lab II	1
Humanities and Fine Arts (G)	3	PHY Elective (Recommend PHY 4780)	3
PHY 3410 Electricity & Magnetism I	3	Scientific Awareness Biological Science (G)	3
PHY Elective (Recommend 4470)	4	PHY Elective (Recommend 3270 or 3420)	3
	15		16