

Physics Major Adviser's Data Sheet

Name of Student _____ High School _____
 Home Address _____ ACT (Composite Score) _____

**Physics Major (B.S.)
 Computational Physics Option
 Option 1: Beginning Fall Semester Odd Years**

FRESHMAN YEAR (odd year fall, even year spring)			
Fall Semester		Spring Semester	
ENG 1001G, Composition	3	ENG 1002G, Literature	3
MAT 1441G, Calculus 1	5	MAT 2442, Calculus 2	5
PHY 1351G, General Physics I	3	PHY 1361, General Physics II	3
PHY 1352G, General Physics I Lab	1	PHY1362, General Physics Lab II	1
CHM 1310G, Chemistry 1	3	Social Science, Humanities, or Fine Arts (G)	3
CHM1315G, Chemistry 1 Lab	1		
	16		15
SOPHOMORE YEAR (even year fall, odd year spring)			
Fall Semester		Spring Semester	
MAT 2443, Calculus 3	4	MAT 3501, Differential Equations I	3
PHY 1371, General Physics III	3	PHY 2400, Dynamics	3
PHY 1372, General Physic Lab III	1	PHY 3080, Modern Physics	3
PHY 2390, Statics	3	CMN 1310, Introduction to Speech Communication	3
Social Science, Humanities, or Fine Art (G)	3	Social Science, Humanities, or Fine Arts (G)	3
PHY 4711, Experimental Lab	1		
	15		15
JUNIOR YEAR (odd year fall, even year spring)			
Fall Semester		Spring Semester	
MAT 2170, Computer Science I	4	MAT 2550, Intro to Linear Algebra	3
Social Science, Humanities or Fine Arts (G)	3	Social Science, Humanities or Fine Arts (G)	3
PHY 4850, Quantum Mech & Atomic Physics I	4	PHY 3320, Computational Methods in Phy & Eng	4
PHY 4000, Seminar	1	PHY 4010, Seminar	1
PHY Elective (Recommend 3090, 4470, 4870)	3	PHY Elective (Recommend 3270, 4100,4860)	3
	15		14
SENIOR YEAR (even year fall, odd year spring)			
Fall Semester		Spring Semester	
Social Science, Humanities or Fine Arts (G)	3	PHY 4320, Computational Physics	4
PHY 3410, Electricity & Magnetism I	3	PHY 3420, Electricity and Magnetism II	3
Senior Seminar	3	PHY Elective (Recommend 3270, 3300, 3350, 3420)	3
Elective	3	Scientific Awareness BIO Gen Ed	3
Elective	3	Elective	3
	15		16

Physics Major Adviser's Data Sheet

Name of Student _____ High School _____
 Home Address _____ ACT (Composite Score) _____

**Physics Major (B.S.)
 Computational Physics Option
 Option 1: Beginning Fall Semester Even Years**

FRESHMAN YEAR (even year fall, odd year spring)			
Fall Semester		Spring Semester	
ENG 1001G, Composition	3	ENG 1002G, Literature	3
MAT 1441G, Calculus 1	5	MAT 2442, Calculus 2	5
PHY 1351G, General Physics I	3	PHY 1361, General Physics II	3
PHY 1352G, General Physics I Lab	1	PHY1362, General Physics Lab II	1
CHM 1310G, Chemistry 1	3	Social Science, Humanities, or Fine Arts (G)	3
CHM1315G, Chemistry 1 Lab	1		
	16		15
SOPHOMORE YEAR (odd year fall, even year spring)			
Fall Semester		Spring Semester	
MAT 2443, Calculus 3	4	MAT 3501, Differential Equations I	3
PHY 1371, General Physics III	3	PHY 2400, Dynamics	3
PHY 1372, General Physic Lab III	1	PHY 3080, Modern Physics	3
PHY 2390, Statics	3	CMN 1310, Intro to Speech Communication	3
Social Science, Humanities, or Fine Art (G)	3	PHY 3320- Computational Methods in Phy & Eng	4
PHY 4711, Experimental Lab	1		
	15		16
JUNIOR YEAR (even year fall, odd year spring)			
Fall Semester		Spring Semester	
Social Science, Humanities or Fine Arts (G)	3	MAT 2550, Intro to Linear Algebra	3
PHY 3410, Electricity & Magnetism I	3	PHY 4320, Computation Physics	4
PHY 4000, Seminar	1	PHY Elective (Recommend 3270, 3300, 3350, 3420)	3
PHY Elective(Recommend 3090, 4470, 4870)	4	PHY 4010, Seminar	1
MAT 2170, Computer Science I	4	Social Science, Humanities or Fine Arts (G)	3
	15		14
SENIOR YEAR (odd year fall, even year spring)			
Fall Semester		Spring Semester	
Senior Seminar	3	Social Science, Humanities or Fine Arts (G)	3
PHY 4850, Quantum Mech & Atomic Physics I	4	Social Science, Humanities or Fine Arts (G)	3
PHY Elective (Recommend 3090, 4470, 4870)	4	PHY Elective (Recommend 4100, 4860)	3
Elective	3	Scientific Awareness BIO Gen Ed	3
		PHY 4000, Seminar	1
		Elective	3
	14		16