

Astronomy Concentration Adviser's Data Sheet

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

Physics Major Astronomy Concentration (B.S.) 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 Lab I	1	PHY 1362, General Physics Lab II	1
PHY 1055G, Principles of Astronomy	3	Social Science, Humanities or Fine Arts (G)	3
PHY 1056G, Principles of Astronomy Lab	1	PHY 1001, Intro to Physics and Engineering	1
	16		16
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	CMN 1310 Intro Speech Communications	3
PHY 1372, General Physics Lab III	1	Social Science, Humanities or Fine Arts (G)	3
PHY 3150, Electronics	4	PHY 2450, Classical Dynamics	3
CSM 2170, Computer Science I	4	Elective	3
	16		15
JUNIOR YEAR (odd year fall, even year spring)			
Fall Semester		Spring Semester	
Social Science, Humanities or Fine Arts (G)	3	Social Science, Humanities or Fine Arts (G)	3
Social Science, Humanities or Fine Arts (G)	3	Major Elective (Recommend CSM 2760)	4
PHY 4601, Research in Physics	1	Scientific Awareness BIO Gen Ed	4
PHY Elective (Recommend 4855, 4750)	3	PHY Elective (Recommend 4320, 4865)	3
PHY 4000, Physics Seminar	1	PHY Elective (Recommend PHY 4601)	1
Elective	3		
	14		15
SENIOR YEAR (even year fall, odd year spring)			
Fall Semester		Spring Semester	
Senior Seminar (G)	3	PHY 4100, Astrophysics	3
PHY Elective (recommend 4601)	1	Elective	3
Social Science, Humanities or Fine Arts (G)	3	PHY Elective (Recommend 4780, 3420)	3-4
PHY Elective (Recommend PHY 3415)	4	GEO 3275, Planetary Geology	3
PHY 4470, Optics	4	PHY Elective (Recommend 4601)	1
	14		14

Astronomy Concentration Adviser's Data Sheet

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

Physics Major Astronomy Concentration (B.S.) Option II: 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 Lab I	1	PHY 1362, General Physics Lab II	1
PHY 1055G, Principles of Astronomy	3	Social Science, Humanities or Fine Arts (G)	3
PHY 1056G, Principles of Astronomy Lab	1	PHY 1001, Intro to Physics and Engineering	1
	16		16
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	CMN 1310 Intro Speech Communications	3
PHY 1372, General Physics Lab III	1	Social Science, Humanities or Fine Arts (G)	3
PHY 3150, Electronics	4	PHY 2450, Classical Dynamics	3
CSM 2170, Computer Science I	4	Elective	3
	16		15
JUNIOR YEAR (even year fall, odd year spring)			
Fall Semester		Spring Semester	
PHY 4601, Research in Physics	1	Social Science, Humanities or Fine Arts (G)	3
Social Science, Humanities or Fine Arts (G)	3	PHY 4100, Astrophysics	3
PHY 4470, Optics	4	PHY Elective (Recommend 4601)	1
Elective	3	PHY Elective (Recommend 4780, 3420)	3-4
PHY Elective (Recommend PHY 3415)	4	GEO 3275, Planetary Geology	3
	14		14
SENIOR YEAR (odd year fall, even year spring)			
Fall Semester		Spring Semester	
Senior Seminar (G)	3	PHY Elective (Recommend 4320, 4865)	4
Social Science, Humanities or Fine Arts (G)	3	Scientific Awareness BIO Gen Ed	3
PHY 4000, Physics Seminar	1	Social Science, Humanities or Fine Arts (G)	3
PHY Elective (Recommend PHY 4601)	1	Elective	3
PHY Elective (Recommend 4855, 4750)	3		
Major Elective (Recommend CSM 2670)	4		
	15		14