

## Physics Major Adviser's Data Sheet

Name of Student \_\_\_\_\_  
 Home Address \_\_\_\_\_  
 \_\_\_\_\_

High School \_\_\_\_\_  
 ACT (Composite Score) \_\_\_\_\_

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

<b>FRESHMAN YEAR (odd year fall, even year spring)</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
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
PHY 1352G, General Physics I Lab	1	PHY 1362, General Physics II Lab	1
CHM 1310G, Chemistry I	3	Social Science, Humanities, or Fine Arts (G)	3
CHM 1315G, Chemistry I Lab	1	PHY 1001, Intro to Physics & Engineering	1
	<b>16</b>		<b>16</b>
<b>SOPHOMORE YEAR (even year fall, odd year spring)</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
MAT 2443, Calculus III	4	MAT 3501, Differential Equations I	3
PHY 1371, General Physics III	3	PHY 2450, Classical Dynamics	3
PHY 1372, General Physic III Lab	1	MAT 2550, Introduction to Linear Algebra	3
CSM 2170, Computer Science I	4	CMN 1310G, Intro to Speech Communication	3
PHY 3150 Electronics	4	CSM 2670, Computer Science II	4
	<b>16</b>		<b>16</b>
<b>JUNIOR YEAR (odd year fall, even year spring)</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
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
	<b>15</b>		<b>14</b>
<b>SENIOR YEAR (even year fall, odd year spring)</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
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
Social Science, Humanities, or Fine Art (G)	3	Scientific Awareness BIO Gen Ed	3
Elective	3	Elective	3
	<b>15</b>		<b>16</b>

## Physics Major Adviser's Data Sheet

Name of Student \_\_\_\_\_  
 Home Address \_\_\_\_\_  
 \_\_\_\_\_

High School \_\_\_\_\_  
 ACT (Composite Score) \_\_\_\_\_

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

<b>FRESHMAN YEAR (even year fall, odd year spring)</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
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
PHY 1352G, General Physics I Lab	1	PHY1362, General Physics Lab II	1
CHM 1310G, Chemistry I	3	Social Science, Humanities, or Fine Arts (G)	3
CHM1315G, Chemistry I Lab	1		
	<b>16</b>		<b>15</b>
<b>SOPHOMORE YEAR (odd year fall, even year spring)</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
MAT 2443, Calculus III	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		
	<b>15</b>		<b>16</b>
<b>JUNIOR YEAR (even year fall, odd year spring)</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
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
	<b>15</b>		<b>14</b>
<b>SENIOR YEAR (odd year fall, even year spring)</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
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
	<b>14</b>		<b>16</b>