

# Physics Major Adviser's Data Sheet

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

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

## *Physics Major (B.S.)*

### Option 1: Beginning Fall Semester Odd Years

<b>FRESHMAN YEAR (odd year fall, even year spring)</b>			
Fall Semester		Spring Semester	
ENG 1001G, Composition I	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 II Lab	1
CHM 1310G, General Chemistry I	3	Social Science, Humanities or Fine Arts (G)	3
CHM 1315G, General 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>			
Fall Semester		Spring Semester	
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 Physics 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	Social Science, Humanities, or Fine Arts (G)	3
	<b>16</b>		<b>15</b>
<b>JUNIOR YEAR (odd year fall, even year spring)</b>			
Fall Semester		Spring Semester	
Social Science, Humanities or Fine Arts (G)	3	Social Science, Humanities or Fine Arts (G)	3
Elective	3	Social Science, Humanities or Fine Arts (G)	3
PHY 4711, Experimental Physics I	1	PHY 4712, Experimental Physics II	1
PHY 4855, Quantum Mechanics	3	PHY 4865, Advanced Quantum Mechanics	3
PHY 4000, Seminar in Physics	1	PHY Elective (Recommend 4320)	4
PHY 4750, Thermodynamics and Stat. Mech.	3	PHY 4601, Research in Physics	1
	<b>14</b>		<b>15</b>
<b>SENIOR YEAR (even year fall, odd year spring)</b>			
Fall Semester		Spring Semester	
PHY 3410, Electricity & Magnetism I	3	PHY 3420, Electricity and Magnetism II	4
PHY 4713, Experimental Physics III	1	PHY Elective (Recommend 4100, 4780)	3
Senior Seminar	3	Scientific Awareness BIO Gen Ed	3
Major Elective (Recommend ENG 3005, GEO 3430, EGT 3103, BUS 3010)	3	Social Science, Humanities or Fine Arts (G)	3
PHY Elective (Recommend PHY 4470, 4601)	4	PHY Elective (Recommend 4601)	1
	<b>14</b>		<b>14</b>

## Physics Major Adviser's Data Sheet

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

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

### *Physics Major (B.S.)*

#### Option 1: Beginning Fall Semester Even Years

<b>FRESHMAN YEAR (even year fall, odd year spring)</b>			
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
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, Physics Orientation	1
	<b>16</b>		<b>16</b>
<b>SOPHOMORE YEAR (odd year fall, even year spring)</b>			
Fall Semester		Spring Semester	
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 Physics 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	Social Science, Humanities, or Fine Arts (G)	3
	<b>16</b>		<b>15</b>
<b>JUNIOR YEAR (even year fall, odd year spring)</b>			
Fall Semester		Spring Semester	
PHY 3410, Electricity & Magnetism I	3	PHY 3420, Electricity and Magnetism II	4
PHY 4711, Experimental Physics I	1	PHY Elective (Recommend 4100, 4780)	3
Social Science, Humanities or Fine Arts (G)	3	Scientific Awareness BIO Gen Ed	3
Major Elective (Recommend ENG 3005, GEO 3430, EGT 3103, BUS 3010)	3	Social Science, Humanities or Fine Arts (G)	3
PHY Elective (Recommend 4470, 4601)	4	PHY 4601, Research in Physics	1
	<b>14</b>	PHY 4712, Experimental Physics II	1
	<b>14</b>		<b>15</b>
<b>SENIOR YEAR (odd year fall, even year spring)</b>			
Fall Semester		Spring Semester	
Social Science, Humanities or Fine Arts (G)	3	Social Science, Humanities or Fine Arts (G)	3
Senior Seminar	3	PHY Elective (Recommend 4320, 4601)	4
PHY 4713, Experimental Physics III	1	PHY Elective (Recommend 4601)	1
PHY 4855, Quantum Mechanics	3	PHY 4865, Advanced Quantum Mechanics	3
PHY 4000, Physics Seminar	1	Elective	3
PHY 4750, Thermodynamics & Statistical Mech.	3		
	<b>14</b>		<b>14</b>