

## Physics for Students Entering Fall 2007 or Later

Fall Semester	Hours
ENGL 1101 (English Composition I)	3
MATH 1113 (Precalculus)	3
CHEM 1211 (Principles of Chemistry I)	3
CHEM 1211L (Chemistry Lab I)	1
HIST 1112 (World Civilization II)	3
PSYC 1001 (Leadership)	1
<b>Total</b>	<b>14</b>

### 1st Year

Spring Semester	Hours
ENGL 1102 (English Composition II)	3
MATH 2450 (Calculus I)	4
CHEM 1212 (Principles of Chemistry II)	3
CHEM 1212L (Chemistry Lab II)	1
PHYS 2211 (Principles of Physics I)	3
PHYS 2211L (Physics Lab I)	1
<b>Total</b>	<b>15</b>

Fall Semester	Hours
PHYS 2212 (Principles of Physics II)	3
PHYS 2212L (Physics Lab II)	1
MATH 2460 (Calculus II)	4
HIST 211x (U.S. History I or II)	3
MUSC 1100 (Music Appreciation)	3
PHED 1000 (Wellness)	3
<b>Total</b>	<b>17</b>

### 2nd Year

Spring Semester	Hours
MATH 2470 (Calculus III)	4
MATH 3000 (Differential Equations)	3
GEOG 1101 (Human Geography)	3
ENGL 21xx (Literature)	3
CPSC 1301 (Computer Science I)	3
<b>Total</b>	<b>16</b>

Fall Semester	Hours
PHYS 3310 (Modern Physics)	3
PHYS 3310L (Modern Physics Lab)	1
PHYS 3111 (Mechanics I)	3
SPAN 1001 (Spanish I)	3
PSYC 1101 (Intro to Psychology)	3
**Technical elective	3
<b>Total</b>	<b>16</b>

### 3rd Year

Spring Semester	Hours
PHYS 3411 (Electricity & Magnetism)	3
PHYS 3610 (Thermal Physics)	3
*PHYS elective	3
SPAN 1002 (Spanish II)	3
Free elective	3
<b>Total</b>	<b>15</b>

Fall Semester	Hours
PHYS 3710 (Electronics)	3
PHYS 4011L (Advanced Lab I)	1
*PHYS elective	3
**Technical elective	3
Free elective	3
Free elective	3
<b>Total</b>	<b>16</b>

### 4th Year

Spring Semester	Hours
***PHYS 4350 (Quantum Mechanics)	3
PHYS 4012L (Advanced Lab II)	1
PHYS 4990 (Senior Seminar)	1
**Technical elective	3
*PHYS elective	3
Free elective	3
<b>Total</b>	<b>14</b>

**Notes:**

\* PHYS elective = upper-level physics or astronomy course

\*\* Technical elective = computer science, math, chemistry, engineering or upper-level geography

\*\*\* PHYS 4350 is offered only in the spring semester of odd-numbered years.

If necessary, take it in the spring of the junior year.