### Fall Semester Freshman Year (17 s.h.)
- **CHE 140 (IC-NSA)**: 4 s.h.  
- **ENG 101 (IC)**: 3 s.h.  
- **MAT 144**: 4 s.h.  
- **PHY 107**: 2 s.h.  
- **FOR**<sup>b</sup>: 4 s.h.

### Spring Semester Freshman Year (15 s.h.)
- **CHE 141**: 4 s.h.  
- **COM 110 (IC)**: 3 s.h.  
- **MAT 145 (IC-M)**: 4 s.h.  
- **PHY 110 (IC-NSA)**: 4 s.h.

### Summer Semester (4 s.h.)
- **MAT 146 (MC-QR)**: 4 s.h.

### Fall Semester Sophomore Year (15 s.h.)
- **BSC 101**<sup>c</sup>: 3 s.h.  
- **MAT 147**: 4 s.h.  
- **PHY 111**: 4 s.h.  
- **PHY 209**: 1 s.h.  
- **(MC-ICL)**: 3 s.h.

### Spring Semester Sophomore Year (17 s.h.)
- **GEOL 100**<sup>c</sup>: 4 s.h.  
- **PHY 112**: 4 s.h.  
- **PHY 217**: 3 s.h.  
- **(MC-LH)**: 3 s.h.  
- **(MC-UST)**: 3 s.h.

### Fall Semester Junior Year (15 s.h.)
- **C&I 212**: 2 s.h.  
- **PHY 205 (OC-SMT)**: 3 s.h.  
- **PHY 220**: 3 s.h.  
- **PHY 302**: 1 s.h.  
- **PSY 110 (MC-IS)**: 3 s.h.  
- **(OC-SS)**: 3 s.h.

### Spring Semester Junior Year (14 s.h.)<sup>e</sup>
- **C&I 214**: 3 s.h.  
- **PHY 270**: 2 s.h.  
- **PHY 310**: 3 s.h.  
- **PSY 215**: 3 s.h.  
- **(OC-FA)**: 3 s.h.

### Fall Semester Senior Year (15 s.h.)
- **C&I 216**: 3 s.h.  
- **EAF 228/231/235**<sup>d</sup>: 3 s.h.  
- **PHY 240**: 3 s.h.  
- **PHY 311**: 3 s.h.  
- **(OC-H)**: 3 s.h.

### Spring Semester Senior Year (12 s.h.)
- **PHY 312**: 3 s.h.  
- **PHY 353**: 1 s.h.  
- **STT 399.72**: 8 s.h.

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<sup>a</sup> This generic plan of study is recommended for students taking Mathematics 144 their first semester. See the PTE advisor for specific advice in relation to your personal plan of study.

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<sup>d</sup> Students must choose one course from the three. EAF 231 is recommended.

<sup>e</sup> An additional course is recommended if more hours are needed. Recommended courses include Communication 223 (Small Group Processes), Communication 283 (Communication in the Classroom), and Philosophy 250 (Philosophy of Science).
**Recommended Plan of Study for PTE Majors Catalog Year 07/08**  
**PHY 240 Option (Electricity & Magnetism I)**  
**Mathematics 145-based Sequence**

### Fall Semester Freshman Year (17 s.h.)
- CHE 140 (IC-NSA) 4 s.h.
- ENG 101 (IC) 3 s.h.
- MAT 145 (IC-M) 4 s.h.
- PHY 107 2 s.h.
- FOR\(^b\) 4 s.h.

### Spring Semester Freshman Year (15 s.h.)
- CHE 141 4 s.h.
- COM 110 (IC) 3 s.h.
- MAT 146 (MC-QR) 4 s.h.
- PHY 110 (IC-NSA) 4 s.h.

### Fall Semester Sophomore Year (15 s.h.)
- BSC 101\(^c\) 3 s.h.
- MAT 147 4 s.h.
- PHY 111 4 s.h.
- PHY 209 1 s.h.
- (MC-ICL) 3 s.h.

### Spring Semester Sophomore Year (17 s.h.)
- GEOL 100\(^c\) 4 s.h.
- PHY 112 4 s.h.
- PHY 217 3 s.h.
- (MC-LH) 3 s.h.
- (MC-US) 3 s.h.

### Fall Semester Junior Year (15 s.h.)
- C&I 212 2 s.h.
- PHY 205 (OC-SMT) 3 s.h.
- PHY 220 3 s.h.
- PHY 302 1 s.h.
- PSY 110 (MC-IS) 3 s.h.
- (OC-SS) 3 s.h.

### Spring Semester Junior Year (14 s.h.)\(^e\)
- C&I 214 3 s.h.
- PHY 270 2 s.h.
- PHY 310 3 s.h.
- PSY 215 3 s.h.
- (OC-FA) 3 s.h.

### Fall Semester Senior Year (15 s.h.)
- C&I 216 3 s.h.
- EAF 228/231/235\(^d\) 3 s.h.
- PHY 240 3 s.h.
- PHY 311 3 s.h.
- (OC-H) 3 s.h.

### Spring Semester Senior Year (12 s.h.)
- PHY 312 3 s.h.
- PHY 353 1 s.h.
- STT 399.72 8 s.h.

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<tr>
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<td>COM 110 (IC) 3 s.h.</td>
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<td>MAT 145 (IC-M) 4 s.h.</td>
</tr>
<tr>
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<td>PHY 110 (IC-NSA) 4 s.h.</td>
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<th>Summer Semester (4 s.h.)</th>
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<tbody>
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<td>MAT 146 (MC-QR) 4 s.h.</td>
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<tr>
<th>Fall Semester Sophomore Year (15 s.h.)</th>
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</thead>
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<tr>
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<td>GEOL 100(^c) 4 s.h.</td>
</tr>
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<td>MAT 147 4 s.h.</td>
<td>PHY 112 4 s.h.</td>
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<td>PHY 111 4 s.h.</td>
<td>PHY 217 3 s.h.</td>
</tr>
<tr>
<td>PHY 209 1 s.h.</td>
<td>(MC-LH) 3 s.h.</td>
</tr>
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<td>(MC-ICL) 3 s.h.</td>
<td>(MC-UST) 3 s.h.</td>
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<th>Spring Semester Junior Year (14 s.h.)(^e)</th>
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<tr>
<td>C&amp;I 212 2 s.h.</td>
<td>C&amp;I 214 3 s.h.</td>
</tr>
<tr>
<td>PHY 205 (OC-SMT) 3 s.h.</td>
<td>PHY 270 2 s.h.</td>
</tr>
<tr>
<td>PHY 220 3 s.h.</td>
<td>PHY 284 3 s.h.</td>
</tr>
<tr>
<td>PHY 302 1 s.h.</td>
<td>PHY 310 3 s.h.</td>
</tr>
<tr>
<td>PSY 110 (MC-IS) 3 s.h.</td>
<td>PSY 215 3 s.h.</td>
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<td>(OC-SS) 3 s.h.</td>
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<tr>
<th>Fall Semester Senior Year (15 s.h.)</th>
<th>Spring Semester Senior Year (12 s.h.)</th>
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<tbody>
<tr>
<td>C&amp;I 216 3 s.h.</td>
<td>PHY 312 3 s.h.</td>
</tr>
<tr>
<td>EAF 228/231/235(^d) 3 s.h.</td>
<td>PHY 353 1 s.h.</td>
</tr>
<tr>
<td>PHY 311 3 s.h.</td>
<td>STT 399.72 8 s.h.</td>
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<tr>
<td>(OC-FA) 3 s.h.</td>
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<tr>
<td>(OC-H) 3 s.h.</td>
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**Recommended Plan of Study for PTE Majors Catalog Year 07/08**  
PHY 284 Option (Quantum Mechanics I)  
Mathematics 145-based Sequence

### Fall Semester Freshman Year (17 s.h.)
- **CHE 140 (IC-NSA)** 4 s.h.
- **ENG 101 (IC)** 3 s.h.
- **MAT 145 (IC-M)** 4 s.h.
- **PHY 107** 2 s.h.
- **FOR** 4 s.h.

### Spring Semester Freshman Year (15 s.h.)
- **CHE 141** 4 s.h.
- **COM 110 (IC)** 3 s.h.
- **MAT 146 (MC-QR)** 4 s.h.
- **PHY 110 (IC-NSA)** 4 s.h.

### Fall Semester Sophomore Year (15 s.h.)
- **BSC 101** 3 s.h.
- **MAT 147** 4 s.h.
- **PHY 111** 4 s.h.
- **PHY 209** 1 s.h.
- **(MC-ICL)** 3 s.h.

### Spring Semester Sophomore Year (17 s.h.)
- **GEOL 100** 4 s.h.
- **PHY 112** 4 s.h.
- **PHY 217** 3 s.h.
- **(MC-LH)** 3 s.h.
- **(MC-UST)** 3 s.h.

### Fall Semester Junior Year (15 s.h.)
- **C&I 212** 2 s.h.
- **PHY 205 (OC-SMT)** 3 s.h.
- **PHY 220** 3 s.h.
- **PHY 302** 1 s.h.
- **PSY 110 (MC-IS)** 3 s.h.
- **(OC-SS)** 3 s.h.

### Spring Semester Junior Year (14 s.h.)
- **C&I 214** 3 s.h.
- **PHY 270** 2 s.h.
- **PHY 284** 3 s.h.
- **PHY 310** 3 s.h.
- **PSY 215** 3 s.h.

### Fall Semester Senior Year (15 s.h.)
- **C&I 216** 3 s.h.
- **EA 228/231/235** 3 s.h.
- **PHY 311** 3 s.h.
- **(OC-FA)** 3 s.h.
- **(OC-H)** 3 s.h.

### Spring Semester Senior Year (12 s.h.)
- **PHY 312** 3 s.h.
- **PHY 353** 1 s.h.
- **STT 399.72** 8 s.h.

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