

In-Depth Physics Major (starting in odd numbered year)

First Year	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Fall(17cr)</div> <ul style="list-style-type: none"> <input type="checkbox"/> 4 Physics 132 Matter, Light, and Energy <input type="checkbox"/> 4 Math 171 Calculus I <input type="checkbox"/> 4 Computer Science 106 Intro to Scientific Computation and Modeling <input type="checkbox"/> 0 Physics 195 Seminar <input type="checkbox"/> 4 <i>Foreign Language #1</i> <input type="checkbox"/> 1 <i>Interdisciplinary 149</i> <i>First Year Seminar</i> <div style="border: 1px solid black; padding: 5px; width: 200px;"> This worksheet <u>assumes</u> that 2 years of high school foreign language have been completed. </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">INT</div> <ul style="list-style-type: none"> <input type="checkbox"/> 3 <i>Interdisciplinary 150</i> <i>Developing A Christian Mind</i> </div>
Second Year	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Fall(16cr)</div> <ul style="list-style-type: none"> <input type="checkbox"/> 4 Physics 235 Introductory Physics: Electricity & Magnetism <input type="checkbox"/> 4 Math 271 Multivariable Calculus <input type="checkbox"/> 0 Physics 195 Seminar <input type="checkbox"/> 4 <i>History 151 or 152</i> <input type="checkbox"/> 3 <i>English 101</i> <input type="checkbox"/> 1 <i>PE #2</i> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">INT</div> <ul style="list-style-type: none"> <input type="checkbox"/> 3 <i>Cross Cultural Engagement</i> </div>
Third Year	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Fall(17cr)</div> <ul style="list-style-type: none"> <input type="checkbox"/> 1 Physics 237 Einstein's Theory of Relativity <input type="checkbox"/> 4 Physics 306 Introduction to Quantum Physics <input type="checkbox"/> 4 Astronomy 212 Galactic Astronomy and Cosmology <input type="checkbox"/> 4 Math 231 Differential Equations with Linear Algebra <input type="checkbox"/> 0 Physics 195 Seminar <input type="checkbox"/> 3 <i>Bibl/Theol. Foundations I</i> <input type="checkbox"/> 1 <i>PE #3</i> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Spring(17cr)</div> <ul style="list-style-type: none"> <input type="checkbox"/> 4 Physics 246 Waves, Optics, and Optical Technology <input type="checkbox"/> 3 Physics 376 Quantum Mechanics II <input type="checkbox"/> 2 Physics 379 Advanced Quantum Physics Laboratory <input type="checkbox"/> 0 Physics 195 Seminar <input type="checkbox"/> 3 <i>Philosophy 153</i> <input type="checkbox"/> 3 <i>Bibl/Theol. Foundations II</i> or Math 333 <input type="checkbox"/> 3 <i>Arts</i> </div>
Fourth Year	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Fall(15cr)</div> <ul style="list-style-type: none"> <input type="checkbox"/> 4 Physics 365 Thermodynamics and Statistical Mechanics <input type="checkbox"/> 3 Physics 375 Quantum Mechanics I <input type="checkbox"/> 4 Math 333 <i>or core</i> Partial Differential Equations <input type="checkbox"/> 0 Physics 195 Seminar <input type="checkbox"/> 3 <i>Persons in Community</i> <input type="checkbox"/> 3 <i>Rhetoric in Culture</i> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">INT</div> <ul style="list-style-type: none"> <input type="checkbox"/> 3 <i>Elective</i> </div>
Fourth Year	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Fall(15cr)</div> <ul style="list-style-type: none"> <input type="checkbox"/> 4 Physics 335 Classical Mechanics <input type="checkbox"/> 3 Physics 345 Electromagnetism <input type="checkbox"/> 2 Physics 339 Advanced Classical Mechanics Laboratory <input type="checkbox"/> 0 Physics 195 Seminar <input type="checkbox"/> 3 <i>Global & Historical Studies</i> <input type="checkbox"/> 3 <i>Societal Structures</i> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Spring(16cr)</div> <ul style="list-style-type: none"> <input type="checkbox"/> 3 <i>Elective</i> <input type="checkbox"/> 3 Physics 346 Advanced Optics <input type="checkbox"/> 1 Physics 347 Relativistic Electrodynamics <input type="checkbox"/> 2 Physics 349 Advanced Electromagnetism and Optics Laboratory <input type="checkbox"/> 0 Physics 195 Seminar <input type="checkbox"/> 4 Engineering 204 Circuits Analysis and Electronics <input type="checkbox"/> 3 <i>Literature</i> <input type="checkbox"/> 3 <i>Integrative Studies</i> </div>

