

Tentative Four Year Plan: BS Molecular Biology and Biotechnology / Pre-PT

The below is a tentative schedule and assumes the incoming student with the following placements; Pre-Calculus (Math 171) and College Writing II (ENGL 111). It is highly recommended that you consult a pre-professional faculty advisor to adapt the schedule to your particular circumstances.

Please check with any specific Physical Therapy program requirements not covered below. Some possible recommended courses would include the following: Microeconomics or Macroeconomics, Kinesiology, and Medical Terminology

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Class	Fall Term	Spring Term
Freshman	BIOL 105: Freshman Biology Seminar BIOL 155: Principles of Biology I BIOL165: Principles of Biology I Laboratory CHEM 153: General Chemistry I CHEM 163: General Chemistry I Laboratory INQ 1XX: Freshman Inquiry Seminar ENG 111: College Writing <div style="text-align: right;">Credits: 15</div>	BIOL 156: Principles of Biology II BIOL 166: Principles of Biology II Laboratory CHEM 154: General Chemistry II CHEM:164: General Chemistry II Laboratory MATH 171: Precalculus PYSH 211: General Psychology <div style="text-align: right;">Credits: 15</div>

Summer: Job Shadow, Find Clinical Experience

Sophomore	BIOL 201: Genetics BIOL 203: Cell Biology CHEM 251: Organic Chemistry I CHEM 261: Organic Chemistry I Laboratory SOC 211: Principles of Sociology NFSS 111: Health Education <div style="text-align: right;">Credits:15</div>	BIOL 341: General Microbiology CHEM 252: Organic Chemistry II CHEM 262: Organic Chemistry II Laboratory MATH 270: Calculus I Gen Ed: English <div style="text-align: right;">Credits: 15</div>
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Summer: Job Shadow, Clinical Experience, GRE Prep

Junior	BIOL 251: Anatomy and Physiology I BIOL 261: Anatomy and Physiology I Laboratory PH 251: General Physics I BCHM 453: Biochemistry BCHM 463: Biochemistry Lab BIOL 483: Molecular Biology <div style="text-align: right;">Credits: 16</div>	BIOL 252: Anatomy and Physiology II BIOL 262: Anatomy and Physiology Laboratory II PH 252: General Physics II MATH 221: Statistics Gen Ed: Elective (as needed) <div style="text-align: right;">Credits: 14</div>
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Summer: Take GRE, Clinical Experience, and Submit Application

Senior	BIOL Elective (BIOL 300+) BIOL Elective (BIOL 300+) Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) <div style="text-align: right;">Credits: 15-17</div>	BIOL 485: Biotechnology BIOL 450: Cell Physiology Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) Gen Ed: Elective (as needed) Personal Performance: 1 Cr PE <div style="text-align: right;">Credits: 15</div>
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