

# Prehealth Recommended Course List

GIR →	<b>General Biology with lab (2 semesters)</b>	} Lab GIR
	Introductory Biology (7.012, 7.013, 7.014, 7.015, or 7.016)	
	<b>and one of the following:</b>	
	Fundamentals of Experimental Molecular Biology (7.002)	
	Laboratory Fundamentals in Biological Engineering (20.109)	
GIR {	Experimental Molecular Neurobiology (9.12)	}
	<b>General and Organic Chemistry with lab (3 semesters)</b>	
	Principles of Chemical Science (5.111 or 5.112)	
	or Intro to Solid State Chemistry (3.091)	
	<b>and</b>	
GIR {	Organic Chemistry I (5.12)	}
	<i>Note: Some schools require 2 semesters of organic chemistry</i>	
	<b>and</b>	
	Laboratory Chemistry (5.310)	
	or Fundamentals of Spectroscopy, Synthesis of Coordination Compounds and Kinetics, and Organic Structure Determination (5.351, 5.352, 5.363)	
GIR →	<b>Biochemistry (1 semester)</b>	}
	General Biochemistry (7.05)	
	or Biological Chemistry (5.07/20.507)	
GIR →	<b>Physics (2 semesters)</b>	}
GIR →	Physics I (8.01) and Physics II (8.02) or equivalent	
GIR →	<b>Math (2 semesters)</b>	
GIR →	Calculus (18.01) and Calculus II (18.02) or equivalent	}
	<i>Note: AP credit will be accepted for math.</i>	
GIR →	<b>English/Writing and Humanities (2 semesters)</b>	}
	Courses in writing and humanities that satisfy the CI-H requirement.	

## Prehealth Advising Basics

- **Science, CI-H, and Lab GIRs** are prerequisites (9 of the 12)
- **No grades 1<sup>st</sup> semester – P/NR**
- **2<sup>nd</sup> Semester** – only A, B, or C
- Strongly recommend taking **Statistics**: 18.05, 9.07, 7.093 and more...
- **Other Considerations:**  
MD-PhD - 18.03 Differential Equations and 18.06 Linear Algebra
- **Flexible P/NR Grading Option:**  
Prehealth Advising **does not** recommend taking any **prereqs** on **P/NR** after their first year fall semester.