## Prehealth Advising Basics

- **Science, CI-H, and Lab GIRs** are prerequisites (9 of the 12)
- **No grades** 1\textsuperscript{st} semester – P/NR
- **2\textsuperscript{nd} 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 prerequisites on P/NR after their first year fall semester.

## Prehealth Recommended Course List

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

- **Lab GIR**