



## Pre-Health Advising

# Pre-Pharmacy Course Planning Guide

### REQUIRED BY MOST PROGRAMS

Course Subjects	Course Numbers and Semesters Offered	PCAT?
General Chemistry with lab	<ul style="list-style-type: none"> <li>CHEM 11a (fall, summer) - <i>Strongly recommend MATH 5a or placement into MATH 10a</i></li> <li>CHEM 11b (spring, summer) - <i>prereq: Chem 11a</i></li> <li>CHEM 18a lab (fall, summer)</li> <li>CHEM 18b lab (spring, summer)</li> </ul> <p><b>OR</b></p> <ul style="list-style-type: none"> <li>CHEM 15a Honors (fall)</li> <li>CHEM 15b Honors (fall) - <i>prereq: Chem 15a</i></li> <li>CHEM 19a Honors lab (spring)</li> <li>CHEM 19b Honors lab (spring)</li> </ul>	Yes
Biology with lab	BIOL 14a (fall, spring) BIOL 15b (fall, spring, summer) *  BIOL 12b lab (fall, summer) – <i>prereq: BIOL 15b</i> <p><b>OR</b></p> BIOL 18b lab, Biology majors only (fall)* - <i>prereq: BIOL 15b</i>  BIOL 12a lab (spring, summer)* - <i>prereq: BIOL 12b &amp; 14a</i> <p><b>OR</b></p> BIOL 18a lab, biology majors only (spring)* - <i>prereq: BIOL 14a &amp; 18b</i>	Yes
Organic Chemistry with lab	CHEM 25a (fall, summer) – <i>prereq: 1 year of General Chemistry with lab</i> CHEM 25b (spring, summer) CHEM 29a lab (fall, summer) CHEM 29b lab (spring, summer)	Yes
Physics with lab	PHYS 10a (fall) PHYS 10b (spring) PHYS 18a lab (fall) PHYS 18b lab (spring)	No
Statistics	MATH 8a (fall, spring, summer) <p><b>OR</b></p> BIOL 51a (spring) – <i>prereq: BIOL 14a &amp; 15b</i> <p><b>OR</b></p> PSYC 51a (fall, spring, summer) – <i>prereq: PSYC 10a or instructor permission</i>	Yes
English/Writing	<ul style="list-style-type: none"> <li>UWS</li> <li>Any English dept. course</li> <li>A course in a related department with literature in the title (e.g., HSSP 118: <i>Viewing medicine and Health Policy through the lens of literature</i>)</li> </ul> <p>A non-science designated WI and taught in the English language</p>	Helpful
Calculus	MATH 10a (fall, spring, summer) – <i>prereq. MATH 5a or placement</i>	Yes

Economics	Econ 2a (fall, spring, summer)	No
Microbiology	BIOL 132a (fall) - <i>prereq: BIOL 14a and BIOL 15b</i> BIOL 159a (L) (spring) - <i>prereq: BIOL 12a and 12b or BIOL 18a and 18b</i>	No

### REQUIRED BY SOME PROGRAMS

Course Subjects	Course Numbers and Semesters Offered	PCAT?
Public Speaking	Tha 15b	No

Prerequisite courses vary from school to school. It's very important that you check the websites of schools you know you want to apply to in order to make sure you're taking the courses they require. The courses in this table are a summary of the most common requirements.

\* Sophomore Check-In with pre-health advisors would be helpful and is highly recommended. More information could be found on <https://www.brandeis.edu/academic-services/pre-health-advising/prepare/sophomore-check-in.html>

*Last Updated: July, 2024*