



Pre-Health Advising

Pre-Vet Course Planning Guide

REQUIRED BY MOST PROGRAMS

Course Subjects	Course Numbers and Semesters Offered
General Chemistry with lab	<ul style="list-style-type: none"> CHEM 11a (fall, summer) - <i>Strongly recommend MATH 5a or placement into MATH 10a</i> CHEM 11b (spring, summer) - <i>prereq: Chem 11a</i> CHEM 18a lab (fall, summer) CHEM 18b lab (spring, summer) <p>OR</p> <ul style="list-style-type: none"> CHEM 15a Honors (fall) CHEM 15b Honors (fall) - <i>prereq: Chem 15a</i> CHEM 19a Honors lab (spring) CHEM 19b Honors lab (spring)
Biology with lab	<p>BIOL 14a (fall, spring) BIOL 15b (fall, spring, summer) *</p> <p>BIOL 12b lab (fall, summer) – <i>prereq: BIOL 15b</i></p> <p>OR</p> <p>BIOL 18b lab, Biology majors only (fall)* - <i>prereq: BIOL 15b</i></p> <p>BIOL 12a lab (spring, summer)* - <i>prereq: BIOL 12b & 14a</i></p> <p>OR</p> <p>BIOL 18a lab, biology majors only (spring)* - <i>prereq: BIOL 14a & 18b</i></p>
Organic Chemistry with lab	<p>CHEM 25a (fall, summer) – <i>prereq: 1 year of General Chemistry with lab</i></p> <p>CHEM 25b (spring, summer)</p> <p>CHEM 29a lab (fall, summer)</p> <p>CHEM 29b lab (spring, summer)</p>
Physics with lab	<p>PHYS 10a (fall)</p> <p>PHYS 10b (spring)</p> <p>PHYS 18a lab (fall)</p> <p>PHYS 18b lab (spring)</p>
Statistics	<p>MATH 8a (fall, spring, summer)</p> <p>OR</p> <p>BIOL 51a (spring) – <i>prereq: BIOL 14a & BIOL 15b</i></p> <p>OR</p> <p>PSYC 51a (fall, spring, summer) – <i>prereq: PSYC 10a or instructor permission</i></p>
2 semesters of English/Writing	<p>Can be completed as follows:</p> <ul style="list-style-type: none"> UWS Any English dept. course 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>) <p>A non-science designated WI and taught in the English language</p>

Biochemistry	BCHM 88b (fall, summer) – <i>prereq: BIOL 14a & 15a; 1 year of organic chem. w/lab</i>
	OR
	BCHM 100a (fall, spring) – <i>prereq: 1 year of organic chem w/lab</i>

REQUIRED BY SOME PROGRAMS

Course Subjects	Course Numbers and Semesters Offered
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>
Oral Comm/Public Speaking	Tha 15b (fall, spring)
Animal Nutrition	Not offered
Genetics	Check with programs
Calculus	MATH 10a (fall, spring, summer) – <i>prereq. MATH 5a or placement</i>

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>

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