

Biology-Chemistry and Pre-Pharmacy First Year Advising October 2017

1. **Biology and Chemistry.** Choose the proper one that matches what you are taking now. The traditional orders are below. Remember that you must also take accompanying labs:

Fall		Spring
BIOL-106 Principles of Biology I	→	BIOL-108 Principles of Biology II
BIOL-204 Fund. of Human Phys.	→	BIOL-202 Fund, of Human Anat.
CHEM-105 Intro to Inorganic Chem.		CHEM-106 Intro to Organic Chem.
CHEM-111 General Chemistry I	→	CHEM-113 General Chemistry II

2. **Math.** Pre-Calc does not count as core for the BS requirement, but Calculus 1 and Statistical Analysis do.

Pre-Pharmacy needs Calculus 1 and Statistical Analysis (MATH-210) for admission.

Pre-Med and **Pre-Vet** often need Calculus 1 for admission.

3. **Core.** Make choices that satisfy both MU Core requirements and professional school admissions requirements. Look for MU Core designations on Registrar's schedule.

Pre-Pharm will need courses in economics, communication, one additional social science, two humanities (from religion, philosophy, art, or literature), and one global connection.

Pre-Med may take any core, although psychology and sociology courses are required courses at some point.

Pre-Dental and **Pre-Vet** may take any core, although Pre-Vet still need an extra literature and Pre-Dental will need an extra writing course at some point.

4. **Plan ahead.**

Check admission requirements of ANY school to which you may someday apply.

Shadow a health care professional, if possible, this January and the summer after your first year.

Vary experiences by looking at different types of health care settings, for example compare small vs large practice group.

Record your hours and the contact info for where you work or shadow.

Apply for summer research options if you wish, realizing that your chances will improve with more science classes on your transcript.

Two-year Pre-Pharmacy will begin your application to pharmacy school in late summer this year.

Also you may take the PCAT this summer as well. Although MU Pharmacy does not require the PCAT, many other schools do.

5. **Questions.** Any of the Biology-Chemistry Council faculty can answer additional questions:

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