

**Summary of Essential Pre-Pharmacy Courses in Math and Sciences Required by Most Pharmacy Colleges, with Notes on NDSU and U of M**

**Chemistry**

			<b><u>Semester Offered</u></b>	
General Chemistry I (lab)	Chem 150	4	Fall*	
General Chemistry II (lab)	Chem 210	4	Spring*	
Organic Chemistry I (lab)	Chem 350/355	4	Fall	
Organic Chemistry I (lab)	Chem 360/365	4	Spring	

**Biology**

Organismal Biology (lab)	Biol 115	4	Fall	
Cell Biology (lab)	Biol 111	4	Spring	
Human Anatomy (lab)	Biol 323	4	Fall	
Human Physiology (lab)	Biol 349	4	Spring	U of M does not Require
Microbiology (lab)	Biol 350	4	Fall	

**Physics**

Physics I (lab)		4	Fall	
Physics II (lab)		4	Spring	NDSU does not Require

**Mathematics**

Calculus I	Math 261	4	Both	
Calculus II	Math 262	4	Both	U of M does not Require

**Economics**

Microeconomics	Econ 201	3	Both	
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