



This is a possible academic plan for a Pre-Med student majoring in Chemistry (all tracks, including Biochemistry track) It assumes student had at least a standard year each of high school biology, chemistry, and physics, and math ACT is at least 24 OR math SAT is at least 560.

Please consult Chemistry Department, regarding math, physics and chemistry course recommendations. Statistics is within courses required for majors in the Chemistry Department, so students should not need BIO 301 (Biostatistics).

YEAR	CR	FALL SEMESTER	CR	SPRING SEMESTER
FRESHMAN	3	CHM 203: General Chemistry I	3	CHM 205: General Chemistry II
	1	CHM 204: General Chemistry I Lab	1	CHM 206: General Chemistry II lab
	3	BIO 201: General Biology	3	PHY 213: General Physics I
	1	BIO 205: General Biology I Lab	1	PHY 205: General Physics I Lab
	Register for Magis Core courses including RSP and subscribe to Pre-Health Info Community. If Calculus was not taken in high school, might add MTH 245: Calculus I to one of the freshman semesters, but only if not overloaded.			
SUMMER SESSION I & 2	3	CHM 321: Organic Chemistry I	3	BIO 202: General Biology II (online)
	1	CHM 322: Organic Chemistry I lab		

YEAR	CR	SEMESTER ABROAD	CR	SEMESTER AT CREIGHTON
SOPHOMORE	3	Magis Core course	3	CHM 323: Organic Chemistry II
	3	Magis Core course	1	CHM 324: Organic Chemistry II Lab
	6-7	Core/Elective coursework	4	MTH 246: Calculus II
	1	Possible research	3	BIO 317 or BIO 206 (1)
	PHLC 200 all year. Before MCAT will need PSY 201, and either ANT 111, ANT 113, or SOC 101; Sophomore year is a good option for these courses but freshman and junior years will also work. Junior year is when Biochemistry, Physiology, and General Physics II are taken, all essential before MCAT. Some students might need BIO 362: Cell Structure and Function, and/or BIO 317: Genetics, before the MCAT but others can omit or delay until senior year are taken, both essential before MCAT.			



YEAR	CR	FALL SEMESTER	CR	SPRING SEMESTER
JUNIOR	3	CHM 381: Biochemistry	3	CHM 343: Physical Chemistry II
	2	CHM 382: Biochemistry Lab (required if Biochemistry major)	2	CHM 342: Physical Chemistry lab
	3	CHM 341: Physical Chemistry 3	3	BIO 449: Animal Physiology
	3	PHY 203: General Physics II		BIO 317 or BIO 362 (if needed before MCAT)
	1	PHY 206: General Physics II Lab	1	CHM 496: Directed Independent Research
	1	CHM 496: Directed Independent Research	3	PHY 202 or 214: General Physics II
		Magis Core		PHY 206: General Physics II Lab
	PMED 300 all year. Remaining pre-MCAT courses can include whatever has not yet been completed among: CHM 371, BIO 449, the 2nd semester of General Physics (all students), BIO 317 and/or BIO 362 (some students need). Before MCAT all students need PSY 201 and ANT or SOC. Remaining pre-MCAT courses include yet to be completed PSY 201 and ANT or SOC			