

STUDY ABROAD: Chemistry or Biochemistry Major on Pre-Med Track

Possible academic plan for a Pre-Med student majoring in Chemistry or Biochemistry. 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.				
Year	CR	Fall Semester	CR	Spring Semester
Freshman	3	CHM 203: General Chemistry I	3	CHM 205 or CHM 285: General Chemistry II
	1	CHM 204: General Chemistry I Lab	1	CHM 206 or CHM 286: General Chemistry II lab
	3	BIO 201: General Biology I	3	Bio 202: General Biology II
	1	BIO 205: General Biology I Lab	1	BIO 206: General Biology II lab
		Register for Magis Core courses including RSP and subscribe to Pre-Health Info Community. If Calc was not taken in high school, might add MTH 245: Calc I to one of the freshman semesters, but only if not overloaded.		
Summer Session I	3	CHM 321: Organic Chem I		
	1	CHM 322: Organic Chem I lab		
Sophomore		Semester Abroad*		Semester at CU*
	3	Magis Core course	3	CHM 323: Organic Chemistry II
	3	Magis Core course	1	CHM 324: Organic Chem II Lab
	6-7	Elective or Major courses	4	MTH 246: Calculus II
	1	Possible Research	3	BIO 317 or BIO 362*
				Magis Core
		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.		
Junior	3	CHM 381: Biochemistry	3	CHM 343: Physical Chemistry II
	2	CHM 382: Biochem Lab (req if BCH major)	2	CHM 342: Physical Chemistry lab
	3	CHM 341: Physical Chemistry	3	BIO 449: Animal Physiology
	3	PHY 201 or 213: Gen Physics I		BIO 317 or BIO 362 (if needed before MCAT)
	1	PHY 205: Gen Physics I Lab	1	CHM 496: Directed Indpnt 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 2 nd semester of General Physics (all students), BIO 317 and/or BIO 362 (some students need), and BIO 401 or other statistics (all students). Before MCAT all students need PSY 201 and ANT or SOC.		
		PMED 300 all year. Remaining pre-MCAT courses include yet to be completed PSY 201 and ANT or SOC		

