

Medical School (MD or DO)

This is an example 4-year plan for a health science major who aspires to go into **Medical School** and has declared a chemistry minor. There are many possible variations. **Bolded classes are sequential and need to be taken in a particular order. Other classes can be easily interchanged in different terms.** **Yellow highlighted** classes are those that satisfy prerequisites for many MD/DO graduate programs or are recommended for optimal preparation for the Medical School Admission Test (MCAT). It is the student's responsibility to identify prerequisite courses for all programs to which they will apply. All students planning on going to medical school should conduct research while an undergraduate. **Green highlighted** courses are recommended for **research** and satisfy elective requirements in the major.

Students should also actively prepare to take the MCAT. <https://students-residents.aamc.org/prepare-mcat-exam/prepare-mcat-exam>. Some programs also require the Casper Assessment.

	Fall Semester	Spring Semester	Comments
1	BSHS 110 Intro to Healthcare *fall or spring 1 st yr* CH 105 Gen Chem 1 MA 162 or AR 210 Statistics FYS 101 First Year Seminar 1 SW 200 Sociology PCA or other core class BSHS 100 Explore*Prepare*Succeed (EPS) 1	BSHS 110 Intro to HC *fall or spring 1 st yr* CH 106 Gen Chem 2 BI 210 Genetics FYS 102 First Year Seminar 2 TI or other core class BSHS 105 EPS 2	At least 20 hours shadowing outside classroom also required
2	BI 220 Cell Bio CH 351 Organic Chemistry 1 BSHS 225 Interprofessional Health Education BSHS 215 Medical Terminology SW 250 Intro to Psychology WB or other core class BSHS 200 EPS 3	BI 325 Microbiology CH 352 Organic Chemistry 2 BSHS 290 Public Health BSHS 230 Health System and Policy GHS core class 1 BSHS 205 EPS 4	Also gain HC experience outside classroom
3	BSHS 334 Anatomy & Physiology 1 w/lab PH 107 Physics 1* CH 362 Biochemistry 1 BSHS 396 BSHS Research Methods BSHS 397 BSHS Undergraduate Research Thesis Proposal BSHS 300 EPS 5	BSHS 335 Anatomy & Physiology 2 w/lab PH 108 Physics 2 CH 462 Biochemistry 2 BSHS 450 Healthcare Biostats BSHS 398 BSHS Undergrad Research BSHS 305 EPS 6	Prepare for and take MCAT. Start applying to medical schools summer after jr year, if not taking a gap year.
4	BSHS 470 Intro to Pharmacology BSHS 460 Evidence Based Healthcare BSHS 398 BSHS Undergrad Research BSHS 340 Healthcare Communication BSHS 360 Healthcare Ethics BSHS 400 EPS 7	CH course for minor BSHS 350 Health Disparities BSHS 430 Healthcare Quality & Improvement BSHS 399 Research Thesis/Manuscript Preparation and Publication GHS core class 2 BSHS 405 EPS 8	Must have at least 200 hours of HC experience outside of classroom completed prior to graduation

*Students may wish to consider taking one of the science sequences in summer school to balance/avoid having 3 science heavy classes simultaneously