

Undergraduate Course Selection Guidelines – Fall 2015

During this time of transition between course requirements to competency requirements by medical schools, the following must be considered as serving as a guide in helping students plan their academic courses during their time here at Trinity. As the transition is completed over the next few years, students are advised to meet with a member of the HPAC frequently to assess progress towards fulfilling course “pre-reqs.”

Medical School Pre-requisite Courses	Trinity College Course Equivalent
1 year of Inorganic Chemistry with Lab	CHEM 111L (fall); CHEM 112L (spring)
1 year of Organic Chemistry with Lab	CHEM 211L (fall); CHEM 212L (spring)
1 year of Introductory Biology with Lab	BIOL 182L (fall); BIOL 183L (spring)
1 year of Physics with Lab	PHYS 101L (fall); PHYS 102L (spring) *
1 year of Mathematics §	MATH 131 (fall); MATH 207 (spring)
1 year of English	Typically a writing intensive course and a literature course
It is strongly recommended that a course in genetics and/or biochemistry be taken	BIOL 224; BIOL 317

* - PHYS 141L and PHYS 231L (calculus-based physics) would replace PHYS 101L and 102L, respectively, if required for your major; please consult with a member of the HPAC.

§ - the large majority of medical schools do not have a mathematics requirement, please consult with a member of the HPAC.

Additional Course Suggestions:

The new MCAT, MCAT²⁰¹⁵, contains sections that require a background in Biochemistry, Psychology, and Sociology. This background can be obtained through a one semester course in Biochemistry, Introduction to Psychology and Introduction to Sociology. Some medical schools have listed these courses as required. Consult the Medical School Admissions Requirements and an HPAC advisor.

Also, English writing courses such as RHET 103 Special Writing Topics: Analytical Thinking and Writing and RHET 208; Argument and Research Writing are beneficial to students interested in obtaining admission to a graduate program in the health professions.

YEAR BY YEAR ENROLLMENT – suggested sequence – Consult with a member of the HPAC

	Fall Semester	Spring Semester
First Year	CHEM 111L; BIOL 182L; MATH 131	CHEM 112L; BIOL 183L; English Writing course
Sophomore Year	CHEM 211L; BIOL 224; English Lit.	CHEM 212L; MATH 207
Junior Year	PHYS 101L; BIOL 317L; PSYC 101	PHYS 102L; SOCL 101
Senior Year	Electives; Internships	Electives; Internships

