



Medical School Recommended Plan of Study

Science in the Evening (SIE) provides courses on a semester basis using the same course plan as any undergraduate pre-med student at UMD. This plan assumes a student starts fall semester at the beginning of the pre-med course work and takes all courses here at UMD. Individual plans may vary. Consult with Dr. Joelle Presson (email jpresson@umd.edu) to work out your own individual plan. All pre-requisites must be satisfied. A course **cannot** be taken in the same semester as the pre-requisite. For course pre-requisites, visit sie.umd.edu.

Year #	Semester	Course #	Course Title	Credit Level	Credits Per Term
1	Fall	BSCI170	Cellular and Molecular Biology	3	8
		BSCI171	Cellular and Molecular Biology Lab	1	
		CHEM131	General Chemistry I	3	
		CHEM132	General Chemistry I Lab	1	
	Spring	BSCI223	General Microbiology	4	8
		CHEM231	Organic Chemistry I	3	
		CHEM232	Organic Chemistry I Lab	1	
	Summer	PHYS121	Fundamentals of Physics I	4	8
PHYS122		Fundamentals of Physics II	4		
2	Fall	BSCI222	Principles of Genetics	4	8
		CHEM241	Organic Chemistry II	3	
		CHEM242	Organic Chemistry II Lab	1	
	Spring	BSCI330	Cell Biology & Physiology	4	8
		CHEM271	General Chemistry (II) & Energetics	2	
		CHEM272	General Chemistry (II) Lab	2	
3	Fall	BCHM463	Biochemistry of Physiology	3	6-7
		BCSI***	BSCI upper level course / Scientific Readings	3-4	
	Spring	BSCI440	Mammalian Physiology	4	7
		STAT464	Introduction to Biostatistics	3	
		Prepare for MCAT: See MCAT Preparation Advice Sheet			
	Summer	You may take MCAT; June Apply			
4 Glide Year	Fall	BCSI***	BSCI upper level course	3-4	3-4
	Spring	BCSI***	BSCI upper level course	3-4	3-4

*SIE is a fall/spring program. Tuition and fees associated with SIE are applicable **ONLY** for fall/spring. Students who take a course in Summer Session would pay the tuition/fees based on their residency classification. Residency determinations are made according to the [Board of Regents Policy on Student Residency Classification](#). For more information on Summer Session tuition & fees, see summer.umd.edu.