Catalog Year 2011-12

PreMed Basics (Recommended Schedule for students planning to attend medical school)

Fall Year 1	Spring Year 1	Summer Year 1	Fall Year 2	Spring Year 2	Summer Year 2
Bio 111 (4)	Bio 112 (4)		Bio 208 (4)	Chem 331 (4)	
Chem 115 (4)	Chem 116 (4) (optional, but		Chem 231 (4)	Phys 112 (4) or	Summer
FYS 101 (1)	highly recommended)		Phys 111 (4) or	Bio 344(4)	Internship
	,		Bio 343 (4) (recommended	Remaining hours: (5-7)	(recommended)
Remaining hours: (7-9)			elective for PreMed)	-Gen Ed Regs	
Gen Ed Reqs	Remaining hours: (8-10)		Remaining hours: (5-7)	-Cell/Molec core/electives	
Free Electives	Gen Ed Reqs		-Cell/Molec core/electives	-Free Electives	
	Free Electives		-Gen Ed Reqs/free electives		
Fall Year 3	Spring Year 3	Summer Year 3	Fall Year 4	Spring Year 4	Summer Year 4
Chem 345 (4)	Bio 351 (4)		Complete degree program	Bio 489 or 319 (3)*	
Phys 111 (4) or	Bio 319 or 489 (3)*	Summer		Complete degree program	
Bio 343(4) (recommend. elect.)	Phys 112 (4) or	Internship			
Remaining hours:(5-7) Options:	Bio 344(4)	(recommended)	Remaining hours: (16-18)	Remaining hours: (13-15)	
-Gen Ed Reqs	Remaining hours: (5-7)		-Gen Ed Reqs	-Gen Ed Reqs	
-Cell/Molec core/electives	-Cell/Molec core/electives	Take MCAT or in	-Cell/Molec core/electives	-Cell/Molec core/electives	
-Free Electives	-Gen Ed Reqs/Free Electives	previous spring*	-Free Electives	-Free Electives	
	Take MCAT or in summer*				
Gen Ed Reqs not met by <u>B.S. Bio</u>	Biology Core	Cell/Molec. Bio	Recommended Cell/Molec.	Chemistry minor (Optional)	*The MCAT is the
History (3)		<u>emphasis</u>	Electives:		single most
Oral Communication (3)	Bio 111 Bio 112 (4)	Core plus	Bio 271 (3)	Chem 115	important part of a
Composition (Eng 102) (3)	Bio 208 (4) Math 122 (3)	Bio 344 (4)	Bio 343 (4)	Chem 116	PreMed student's
Literature (Eng 201) (3)	Phys 111 (4) Phys 112 (4)	Bio 319 (3)*	Bio 371 (3)	Chem 231	resumé. Students
Fine Arts (6)	Chem 115 (4) Chem 231 (4)	Bio 351 (4)	Bio 450 (3)	Chem 331	may wish to take
Biblical Literacy (6)	Bio 399 (3) OR	Bio 489 (3)*	Bio 499 Honors Bio	Chem 345	an MCAT prep
(from Rel 101,121 & 131)	approved internship	Chem 345 (4)	Medical Terminology (2)		course (Kaplan).
Theo 210 (3)	Math 182(3) or Math 184(4)	Bio electives (8)		Note: Pre-Med students are	At the very least
Global/Multicultural Study (3)	Note: Math 184 is offered in	*Bio 319 and 489	Note: This is the preferred	expected to take Chem 116 and	they should plan
SocSci (6)	the fall and Math 182 is	are offered in	emphasis for Pre-Med	Chem 331; Pre-Med students	for extensive study
Health & Hum. Perform. (2)	offered in spring	alternating springs;	students, these students are	who choose this emphasis will	to prepare for the
Supplemental Gen Ed Reqs		students should	encouraged to take the above	automatically earn a minor in	test. Numerous
1. Global Multicultural (GMC) crs		take whichever one	courses; other biology course	Chemistry	resources are
2. Service Learning (SL) course		is offered spring of	offerings will also fulfill		available.
3. Writing Intensive (WI) course		junior year and	elective requirements		
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4. FinL 100 and FinL 400 (online		then the other			
4. FinL 100 and FinL 400 (online courses in financial literacy)		spring of senior			

IMPORTANT INFO FOR PreMed STUDENTS: Completing the above requirements meets requirements for a B.S. in Biology with an emphasis in Cell and Molecular Biology and a minor in Chemistry under the 2011-12 catalog. Medical school entrance requirements do NOT specify particular majors or degrees. They do specify a number of courses. The above program is intended to provide those courses plus additional courses giving students the strongest possible academic preparation. Students may choose any major in their undergraduate experience to prepare for medical school as long as they take the required courses for medical school. Specific course requirements vary among medical schools and students should check with the medical schools they plan to apply to to make sure they have taken all the courses required for acceptance. Academic courses are only one part of the preparation necessary to be accepted into medical school. Students will also need to gain experience in the profession through shadowing, internships, and medical missions. Medical schools look at the total person in evaluating candidates. In addition to academic success, they favor candidates who have been successful in a variety of endeavors and who have demonstrated they know the profession. PreMed students are strongly encouraged to work closely with their academic advisor if their goal is to attend medical school.