

Four-Year Model Plan:  
**Bachelor of Science, Chemistry PreMed**

<b>Fall</b>		<b>Spring</b>	
ENGL 101 College English I	3	ENGL 102 College English II	3
MATH 242 Calculus I	5	BIOL 210 Biology I	4
CHEM 211 General Chemistry I	5	CHEM 212 General Chemistry II	5
General Education Humanities* <sup>1</sup>	3	MATH 243 Calculus II	5
	16		17
<b>Fall</b>		<b>Spring</b>	
CHEM 531 Organic Chemistry I	5	CHEM 532 Organic Chemistry II	5
BIOL 211 Biology II	4	STATS 370 Elementary Statistics	3
BIOL 223 Human Anatomy and Physiology	5	PHYS 213/213L General College Physics I/Lab or PHYS 313/315 University Physics I/LAB	5
	14	COMM 111 Public Speaking	3
			16
<b>Fall</b>		<b>Spring</b>	
BIOL 419 Genetics	4	CHEM 663 Biochemistry II	3
CHEM 523 Analytical Chemistry	4	CHEM 664 Biochemistry lab	3
CHEM 662 Biochemistry I	3	General Education Social and Behavioral Science*	3
PHYS 214/214L General College Physics II or PHYS 314/316 University Physics II/Lab	5	PSY 111 General Psychology	3
	16	CHEM 690 Independent Study or Research	2
			14
<b>Fall</b>		<b>Spring</b>	
General Education Fine Arts	3	Chemistry Elective (500+)	3
CHEM 605 Medicinal Chemistry or HS 301 Clinical Pharmacology	3	BIOL 420 Molecular Cell Biology	4
HS 600 Advanced Clinical Anatomy	5	Upper Division General Education Humanities	3
General Education Humanities*	3	Upper Division General Education S&B Science	3
	14		13

\*Fairmount College of Liberal Arts and Sciences requires all students to complete Literature and either U.S. History or American Politics

<sup>1</sup> All incoming freshman are required to take one First-Year Seminar as part of their General Education program.