

Four-Year Model Plan:  
**Bachelor of Science, Biochemistry (ACS)**

<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
MATH 344 – Calculus III	3	General Education Fine Arts	3
BIOL 211 Biology II	4	PHYS 313 Physics for Scientist I	4
COMM 111 Public Speaking	3	PHYS 315 Physics lab	1
	15		13
<b>Fall</b>		<b>Spring</b>	
CHEM 514 Inorganic Chemistry	3	CHEM 524 Instrumental Methods	4
CHEM 523 Analytical Chemistry	4	CHEM 546 Physical Chemistry II	3
CHEM 545 Physical Chemistry	3	CHEM 615 Advanced Inorganic Chemistry	3
PHYS 314 Physics for Scientist II	4	CHEM 616 Advanced Inorganic lab	2
PHYS 316 Physics lab	1	BIOL 420 Molecular Cell Biology	4
	15		16
<b>Fall</b>		<b>Spring</b>	
CHEM 547 Physical Chemistry lab	2	CHEM 663 Biochemistry II	3
CHEM 662 Biochemistry I	3	CHEM 664 Biochemistry lab	3
General Education Humanities*	3	CHEM 690 Independent Study or Research	2
General Education Social and Behavioral Science*	3	Upper Division General Education S&B Science	3
General Education Social and Behavioral Science*	3	Upper Division General Education Humanities	3
	14		14

\*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.