

## SUGGESTED FOUR YEAR PLAN FOR BASIC CHEMISTRY MAJORS

<b>Freshman Year</b>			
	<b>Fall Sem.</b>		<b>Spring Sem.</b>
<b>Course</b>	<b>Hrs.</b>	<b>Course</b>	<b>Hrs.</b>
Math 111	3	Math 132(Trig) or 137(Pre-Calc)	3
Chem 101 (General) & Lab	4	Chem 102 (General) & Lab	4
Eng 101 (Analysis and Argument)	3	Eng 102 (Rhetoric, Genre and Research)	3
Social Science (Pol. Science 101)	3	Humanities (Art)	3
Communications (Speech 101)	3	Biology 105 + Lab 115	4
University Life 100	1		
<b>Total Credits</b>	<b>17</b>	<b>Total Credits</b>	<b>17</b>
<b>Sophomore Year</b>			
	<b>Fall Sem.</b>		<b>Spring Sem.</b>
<b>Course</b>	<b>Hrs.</b>	<b>Course</b>	<b>Hrs.</b>
Math 201 (Calc I)	3	Math 202 (Calc II)	3
Chem 201 (Organic) & Lab	4	Chem 202 (Organic) & Lab	4
Physics 200 (Technical I) & Lab	4	Physics 201 (Technical II) & Lab	4
Humanities (Art, Music, Hist. etc.)	3	Humanities (Literature)	3
Humanities (History)	3	Social Science (Sociology)	3
<b>Total Credits</b>	<b>17</b>	<b>Total Credits</b>	<b>17</b>
<b>Junior Year</b>			
	<b>Fall Sem.</b>		<b>Spring Sem.</b>
<b>Course</b>	<b>Hrs.</b>	<b>Course</b>	<b>Hrs.</b>
Chem 203 (Quant) & Lab	4	Chem 302 (PChem II) & Lab	4
Chem 301 (PChem I) & Lab	4	Chem 303 (Instrumental) & Lab	4
Physics 202 (Technical III) & Lab	4	Minor/Collateral Elective	4
Math 203 (Calc III)	3	Elective	3
<b>Total Credits</b>	<b>15</b>	<b>Total Credits</b>	<b>15</b>
<b>Senior Year</b>			
	<b>Fall Sem.</b>		<b>Spring Sem.</b>
<b>Course</b>	<b>Hrs.</b>	<b>Course</b>	<b>Hrs.</b>
Minor/Collateral Elective	3	Chem 402 (Inorganic)	3
Social Science (Economics)	3	Chem 499 (Capstone)	1
Humanities (Music)	3	Minor/Collateral Elective	3
Chem 404 (Biochem I)	3	Elective	3
Chem 497 (Research)	1	Elective	3
<b>Total Credits</b>	<b>13</b>	<b>Total Credits</b>	<b>13</b>
<b>Total Hours Required for Degree 124</b>			
<b>Typical Minors:</b>			
Physics Minor requires 18 hours, including Physics 200, 201, and Physics 202.			
Math Minor requires 9 more hrs above Math 203 (at least 6 at 300 level).			
Biology Minor requires 18, no more than 8 hrs below the 199 level.			
<b>Typical Collaterals:</b>			
Physics Collateral is satisfied by the Chemistry degree requirements.			
Math Collateral requires 201, 202, plus 6 hours above 202.			
Biology Collateral requires 12 hrs, no more than 8 hrs below the 199 level.			

## FOUR YEAR PLAN FOR ACS-CERTIFIED CHEMISTRY MAJORS

Freshman Year			
	Fall Sem.		Spring Sem.
Course	Hrs.	Course	Hrs.
Math 201 (Calc I)	3	Math 202 (Calc II)	3
Chem 101 (General) & Lab	4	Chem 102 (General) & Lab	4
Eng 101 (Analysis and Argument)	3	Eng 102 (Rhetoric, Genre and Research))	3
Physics 200 (Technical I) & Lab	4	Physics 201 (Technical II) & Lab	4
Communications (Speech 101)	3	Humanities (History)	3
University Life 100	1		
<b>Total Credits</b>	<b>18</b>	<b>Total Credits</b>	<b>17</b>
Sophomore Year			
	Fall Sem.		Spring Sem.
Course	Hrs.	Course	Hrs.
Math 203 (Calc III)	3	English 318 (Technical Comm.)	3
Chem 201 (Organic) & Lab	4	Chem 202 (Organic) & Lab	4
Physics 202 (Technical III) & Lab	4	Biology 105 & 115 Lab	4
		Humanities (Literature)	3
Social Science (Pol. Science 101)	3	Social Science (Sociology)	3
<b>Total Credits</b>	<b>13</b>	<b>Total Credits</b>	<b>17</b>
Junior Year			
	Fall Sem.		Spring Sem.
Course	Hrs.	Course	Hrs.
Chem 203 (Quant) & Lab	4	Chem 302 (PChem II) & Lab	4
Chem 301 (PChem I) & Lab	4	Chem 303 (Instrumental) & Lab	4
Minor/Collateral Elective	3	Minor/Collateral Elective	4
Humanities (Art)	3	Chem 497 (Research)	1
Math 306 (Multivariable Calc)	3	Math 301 (Differential Equations)	3
<b>Total Credits</b>	<b>17</b>	<b>Total Credits</b>	<b>16</b>
Senior Year			
	Fall Sem.		Spring Sem.
Course	Hrs.	Course	Hrs.
Chem 404 (Biochem I)	3	Chem 402 (Inorganic)	3
Chem 497 (Research)	1	Chem 499 (Capstone)	1
Chem 405 (Advanced Org.) & Lab	4	Chem 408 (Biochem II)	3
Minor/Collateral Elective	3	Minor/Collateral Elective	3
Social Science (Economics)	3	Chem 497 (Research. Optional)	1
Humanities (Music)	3	Elective	3
<b>Total Credits</b>	<b>17</b>	<b>Total Credits</b>	<b>14</b>
<b>Total Hours Required for Degree 129</b>			
<b>Typical Minors:</b>			
Physics Minor requires 18 hours, including Physics 200, 201, and Physics 202.			
Math Minor requires 9 more hrs above Math 203 (at least 6 at 300 level).			
Biology Minor requires 18, no more than 8 hrs below the 199 level.			
<b>Typical Collaterals:</b>			
Physics Collateral is satisfied by the Chemistry degree requirements.			
Math Collateral requires 201, 202, plus 6 hours above 202.			
Biology Collateral requires 12 hrs, no more than 8 hrs below the 199 level.			

## REQUIRED COURSES FOR PRE-PHARMACY CURRICULUM

Each school has its own requirements. For SC College of Pharmacy, courses to be taken must include:

Biology 105, 106, 115 . . . . .	8 hours
Biology 205, 406 . . . . .	8 hours
Chemistry 101-102 . . . . .	8 hours
Chemistry 201-202 . . . . .	8 hours
Economics 204 . . . . .	3 hours
English 101, 102 . . . . .	6 hours
Mathematics 132, 134, and 201 . . . . .	9 hours
Physics 215-216 . . . . .	8 hours
Psychology 206 . . . . .	3 hours
Speech Communication 101 . . . . .	3 hours
Electives: Social Sciences and Humanities . . . . .	6 hours
<b>Total 70 semester hours</b>	