

**UNCP Department of Chemistry and Physics**  
**Requirements for a Bachelor of Science in Chemistry – Pre-Pharmacy Track**  
**(122 total credit hours)**

<b>Freshman Seminar (1 credit hour)</b>							
<b>General Education (44 credit hours)*</b>							
<b>CORE SCIENCE COURSES – 54(52) total credit hours</b>							
<b>Chemistry - 29 credit hours</b>							
	<b>Course Number</b>	<b>Course Title</b>	<b>Credit Hours</b>		<b>Course Number</b>	<b>Course Title</b>	<b>Credit Hours</b>
	CHM 1100	General Chemistry I Lab	1		CHM 2500	Organic Chemistry I	4
	CHM 1110	General Chemistry II Lab	1		CHM 2510	Organic Chemistry II	4
	CHM 1300	General Chemistry I	3		CHM 2980	Scientific Literature	1
	CHM 1310	General Chemistry II	3		CHM 4100	Physical Chemistry	4
	CHM 2260	Inorganic Chemistry	4				
	CHM 2270	Analytical Chemistry	4				
<b>Mathematics – 14(12) credit hours</b>				<b>Physics* - 8 credit hours</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Credit Hours</b>		<b>Course Number</b>	<b>Course Title</b>	<b>Credit Hours</b>
	MAT 1070 and MAT 1080 (or MAT 1090)	College Algebra and Plane Trigonometry <u>OR</u> Precalculus	6 <u>OR</u> 4		PHY 1500	College Physics I	3
	MAT 2210	Calculus I	4		PHY 1510	College Physics II	3
	MAT 2220	Calculus II	4		PHY 1560	College Physics I Lab	1
<b>Biology – 3 credit hours</b>					PHY 1570	College Physics II Lab	1
	<b>Course Number</b>	<b>Course Title</b>	<b>Credit Hours</b>	<b>Physics* - <u>OR</u> PHY 2000, 2010, 2060, and 2070</b>			
	BIO 1000	Biology	3				
<b>PRE-PHARMACY TRACK (PHMC) – 35(37) credit hours</b>							
<b>Advanced Chemistry – 4 credit hours</b>				<b>Biology Courses – 4 credit hours (choose one)</b>			
	<b>Course Number</b>	<b>Course Title</b>	<b>Credit Hours</b>		<b>Course Number</b>	<b>Course Title</b>	<b>Credit Hours</b>
	CHM 3110	Biochemistry I	3		BIO 2110	Human Anatomy and Physiology I	4
	CHM 3120	Biochemistry I Lab	1		BIO 2120	Human Anatomy and Physiology II	4
<b>Other Courses 1(3)</b>					BIO 3150	Microbiology	4
Electives (any area) – 0 (2)							
	BIOL	Biology Lab	1				
First year curriculum in approved Pharm. D. program = 26 hours							

\* Twelve hours of General Education courses are listed separately above as specific core requirements.