



Student Name and ID Number \_\_\_\_\_

Required Courses: 19 - 24 Credits	Credits
CH 4222 Bioanalytical Chemistry (5) <b>or</b> CH2212 Quantitative Analysis (5) <b>and</b> CH4212 Instrumental Analysis (5)	
CH 3510 Physical Chemistry I (3)	
CH 3511 Physical Chemistry Lab I (2)	
CH 4110 Pharmaceutical Chemistry: Drug Action (3)	
CH 4120 Pharmaceutical Chemistry: Drug Design (3)	
CH 4710 Biomolecular Chemistry I (3)	

Elective Courses: 3 - 4 Credits	Credits
CH 4140 Pharmaceutical Analysis (3)	
CH 4720 Biomolecular Chemistry II (3)	
MA 2720 Statistical Methods (4) <b>or</b> MA 3710 Engineering Statistics (3)	
CH 4990 Undergraduate Research in Chemistry* (3)	
<b>Total Credits Required = 22 - 28</b>	

\*Undergraduate research experiences will be permitted in the minor as long as the topics are in the area of pharmaceutical chemistry.

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C:  
CH4140 (CH2410), CH4222 (CH1120 or (CH1160 and CH1161)) and CH3510 C and CH3511 C), CH2212 (CH1120 or (CH1160 and CH1161)), CH4212 (CH2212 and CH3510 C and CH3511 C), CH3510 (CH1120 or (CH1160 and CH1161)) and PH2200 C and MA2160), CH4710 (CH2420), CH4110 (CH4710 or BL1040), CH4720 (CH4710 or BL4010), MA3710 (MA2160) MA2720 (MA1020 or MA1030 or ALEKS math placement  $\geq 50$ ).

Student Signature \_\_\_\_\_

Date \_\_\_\_\_

Academic Advisor Signature \_\_\_\_\_

Date \_\_\_\_\_