**Minor in Pharmaceutical Chemistry**

**CHPM**

**Required Courses (19-24 credits)**

- CH4222 Bioanalytical Chemistry (5)
  - OR
  - CH2212 Quantitative Analysis (5) AND
  - CH4212 Instrumental Analysis (5)
- CH3510 Physical Chemistry I (3)
- CH3511 Physical Chemistry Lab I (2)
- CH4710 Biomolecular Chemistry I (3)
- CH4110 Pharmaceutical Chemistry: Drug Action (3)
- CH4120 Pharmaceutical Chemistry: Drug Design (3)

**Elective Course (3-4 credits)**

Choose 1 of the following:

- CH4140 Pharmaceutical Analysis (3)
- CH4720 Biomolecular Chemistry II (3)
- MA2720 Statistical Methods (4) OR
- MA3710 Engineering Statistics (3)
- CH4990 Undergrad. Research in Chemistry* (3)

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

**Minimum Credits Required = 22-28***

*A minimum of 9 credits are required at the 3000-level or higher*

Courses listed in this minor have the following prerequisites (shown in parenthesis). Concurrency is illustrated by the letter C: CH4140, (CH4210), 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 BL4010), CH4720 (CH4710 or BL4010), MA3710 (MA2160), MA2720 (MA1020 or MA1030 or ALEKS math placement >=50).

Student __________________________ Date ____________  Department Advisor __________________________ Date ____________

Academic Year 2016-17