



# Minor in Chemistry

Catalog Year 2017-2018

## **REQUIRED COURSES**

### **General Chemistry** (*Complete one sequence*)

CHEM 151 (4) \_\_\_\_\_ CHEM 152 (4) \_\_\_\_\_ or CHEM 105A/106A (4) \_\_\_\_\_ CHEM 105B/106B (4) \_\_\_\_\_

### **Laboratory Units** (*Complete a minimum of 2 units of laboratory coursework*)

### **Organic Chemistry** (*only one of each A or B course is allowed*)

CHEM 243A (1) \_\_\_\_\_ CHEM 243B (1) \_\_\_\_\_ CHEM 247A (2) \_\_\_\_\_ CHEM 247B (2) \_\_\_\_\_

### **Quantitative Analysis (Analytical Chemistry)**

CHEM 326 (2) \_\_\_\_\_

**ELECTIVE COURSES** (*Complete 10 additional units. Check prerequisites before enrolling. Units beyond two in the above required laboratory section may also apply here.*)

### **Organic Chemistry** (*only one of each A or B course is allowed*)

CHEM 241A (3) \_\_\_\_\_ CHEM 241B (3) \_\_\_\_\_ CHEM 242A (3) \_\_\_\_\_ CHEM 242B (3) \_\_\_\_\_  
CHEM 246A (3) \_\_\_\_\_ CHEM 246B (3) \_\_\_\_\_

### **Quantitative Analysis (Analytical Chemistry)**

CHEM 325 (2) \_\_\_\_\_

### **Instrumental Analysis**

CHEM 401A (3) \_\_\_\_\_ CHEM 400A (3) \_\_\_\_\_

### **Inorganic Chemistry**

CHEM 404A (3) \_\_\_\_\_ CHEM 412 (3) \_\_\_\_\_ CHEM 404B (3) \_\_\_\_\_

### **Organic Chemistry**

CHEM 446 (3) \_\_\_\_\_ CHEM 447 (3) \_\_\_\_\_ CHEM 450 (3) \_\_\_\_\_

### **Biochemistry** (*BIOC 384 and 385 are NOT allowed.*)

BIOC 462A (4) \_\_\_\_\_ BIOC 462B (4) \_\_\_\_\_ BIOC 466 (4) \_\_\_\_\_

### **Physical Chemistry** (*only one of CHEM 480B or 481 is allowed*)

CHEM 480A (3) \_\_\_\_\_ CHEM 480B (3) \_\_\_\_\_ CHEM 481 (3) \_\_\_\_\_ CHEM 400B (3) \_\_\_\_\_

### **Other**

ASTR 488A (3) \_\_\_\_\_ CHEM 405 (1) \_\_\_\_\_ CE 439 (3) \_\_\_\_\_ ENVS 462 (3) \_\_\_\_\_ ENVS 464 (3) \_\_\_\_\_ GEOS 400 (3) \_\_\_\_\_  
MSE 437 (3) \_\_\_\_\_ MSE 460 (3) \_\_\_\_\_ PHYS 426 (3) \_\_\_\_\_ PHYS 484 (3) \_\_\_\_\_ PLS 448A (3) \_\_\_\_\_ PTYS 407 (3) \_\_\_\_\_

*Graduate chemistry courses are also eligible, and other courses may be allowed with prior approval.*

**\*\*CBC Department double dipping policy:**  
Requires the minor to have 6 unique units that are not used to satisfy any other major or minor within the same degree.

**\*\*\*Each department has their own unique double dipping policy. Check with your major advisor regarding your department's policy.**