

Date: November 2, 2011

**Re: Revision to Chemistry major (BA and BS)**

The chemistry department has replaced the requirement of Inorganic Chemistry (0.5 credits) and one credit of elective with two new courses, both with lab: Inorganic and Organometallic Chemistry and Advanced Organic Chemistry, thus increasing the required credits of the major by 1 credit, to 14.75 credits. The Chemistry Minor is unchanged.

**BA in Chemistry (14.75 credits)**

|                     |  |      |
|---------------------|--|------|
| CHEM 017-018        | General Chemistry                      | 2.5  |
| CHEM 105-106        | Organic Chemistry                      | 2.5  |
| CHEM 109            | Analytical Chemistry                   | 1.25 |
| CHEM 134            | Experimental Physical Chemistry        | 0.5  |
| CHEM 135            | Quantum Mechanics                      | 1    |
| CHEM 136            | Thermodynamics                         | 1    |
| *CHEM 145           | Inorganic and Organometallic Chemistry | 1.25 |
| *CHEM 146           | Advanced Organic Chemistry             | 1.25 |
| PHYS 061-062        | General Physics                        | 2.5  |
| Senior Requirement: | CHEM 191          Senior Seminar       | 1    |

Recommended: Additional study in physics, biology, computer science, and mathematics.

**BS in Chemistry (10.75 credits plus general BS requirements)**

|                     |  |      |
|---------------------|--|------|
| CHEM 105-106        | Organic Chemistry                      | 2.5  |
| CHEM 109            | Analytical Chemistry                   | 1.25 |
| CHEM 134            | Experimental Physical Chemistry        | 0.5  |
| CHEM 135            | Quantum Mechanics                      | 1    |
| CHEM 136            | Thermodynamics                         | 1    |
| *CHEM 145           | Inorganic and Organometallic Chemistry | 1.25 |
| *CHEM 146           | Advanced Organic Chemistry             | 1.25 |
| BIOC 141            | Protein Chemistry and Enzymology       | 1    |
| Senior Requirement: | CHEM 191          Senior Seminar       | 1    |

**Chemistry Minor  
(6 semester course credits)**

Required:

CHEM 017–018 General Chemistry I and II (1.25; 1.25)

CHEM 105–106 Organic Chemistry I and II (1.25; 1.25)

And select 1 additional course credit in chemistry above the 100 level.