



# Course Approval Form

For approval of new courses and deletions or modifications to an existing course.

registrar.gmu.edu/facultystaff/curriculum

### Action Requested:

Create new course       Inactivate existing course

Modify existing course (check all that apply)

Title       Credits       Repeat Status       Grade Type

Prereq/coreq       Schedule Type       Restrictions

Other: \_\_\_\_\_

### Course Level:

Undergraduate

Graduate

College/School:  Department:

Submitted by:  Ext:  Email:

Subject Code:  Number:  Effective Term:  Fall  Spring  Summer

(Do not list multiple codes or numbers. Each course proposal must have a separate form.) Year:

Title: Current

Banner (30 characters max including spaces)

New

Credits: (check one)  Fixed  Variable      or      to

Repeat Status: (check one)  Not Repeatable (NR)  Repeatable within degree (RD)  Repeatable within term (RT)

Maximum credits allowed:

Grade Mode: (check one)  Regular (A, B, C, etc.)  Satisfactory/No Credit  Special (A, B, C, etc. +IP)

Schedule Type: (check one)  Lecture (LEC)  Lab (LAB)  Recitation (RCT)  Internship (INT)

Independent Study (IND)  Seminar (SEM)  Studio (STU)

Prerequisite(s):

Corequisite(s):

Instructional Mode:

100% face-to-face

Hybrid: ≤ 50% electronically delivered

100% electronically delivered

Restrictions Enforced by System: Major, College, Degree, Program, etc. Include Code.

Are there equivalent course(s)?

Yes  No

If yes, please list \_\_\_\_\_

### Catalog Copy for NEW Courses Only (Consult University Catalog for models)

Description (No more than 60 words, use verb phrases and present tense)	Notes (List additional information for the course)

Indicate number of contact hours: Hours of Lecture or Seminar per week:  Hours of Lab or Studio:

When Offered: (check all that apply)  Fall  Summer  Spring

### Approval Signatures

Department Approval: \_\_\_\_\_ Date: 9/24/2014

College/School Approval: \_\_\_\_\_ Date: \_\_\_\_\_

If this course includes subject matter currently dealt with by any other units, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

Unit Name	Unit Approval Name	Unit Approver's Signature	Date

### For Graduate Courses Only

Graduate Council Member: \_\_\_\_\_ Provost Office: \_\_\_\_\_ Graduate Council Approval Date: \_\_\_\_\_

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Course Proposal Submitted to the Curriculum Committee of the College of Science

1. **COURSE NUMBER AND TITLE:** CHEM 446 Bioinorganic Chemistry

**Course Prerequisites:** Grade of 'C' or better in CHEM 331, CHEM 336, CHEM 463, and CHEM 464

Updates: Added CHEM 464

**Catalog Description:**

Application of inorganic coordination chemistry and physical methods in study of structure and function of metal ion sites in biomolecules. Properties of transition metal ions, ligand field theory. Topics include iron cytochromes, zinc and copper enzymes, cobalamins, iron sulfur proteins, oxygen transport, iron storage, electron transfer, inorganic model compounds, metals in medicine, and toxicity of inorganic species.

2. **COURSE JUSTIFICATION:**

**Course Objectives:**

**Course Necessity:**

**Course Relationship to Existing Programs:**

**Course Relationship to Existing Courses:**

3. **APPROVAL HISTORY:** Approved by the department chair September 24, 2014

4. **SCHEDULING AND PROPOSED INSTRUCTORS:**

**Semester of Initial Offering:**

**Proposed Instructors:**

5. **TENTATIVE SYLLABUS:**

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