



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

Deborah Polayes 4/9/14
 Department Approval Date 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 _____

For Registrar Office's Use Only: Banner _____ Catalog _____

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

1. COURSE NUMBER AND TITLE: BIOL 483, General Biochemistry

Course Prerequisites: Requesting modification *from* 'BIOL 213, CHEM 313, CHEM 314 or with permission of instructor' *to* 'CHEM 313, BIOL 213 or with permission of instructor'.

Catalog Description:

Structure and function of proteins, carbohydrates, and lipids. Enzymology, and metabolism and its control.

2. COURSE JUSTIFICATION:

Course Objectives: Overall goal in teaching General Biochemistry is to impart the knowledge necessary to appreciate the complexity of the cell through its biochemical reactions. The content of the course is described in the list of weekly lectures. Students are expected to attend lectures and to read the chapters listed below. The problems listed are recommended to help in understanding the material.

Course Necessity: needed by all pre-med or pre-health majors. Needed for the microbiology concentration and the molecular/biotechnology concentration in biology

Course Relationship to Existing Programs: A requirement for the concentration in molecular/biotechnology concentration

Course Relationship to Existing Courses: Only biochemistry needed for biology majors

3. **APPROVAL HISTORY**: Approved by Chemistry & Biochemistry Department and the Biology Undergraduate Program on April 3, 2014.

4. SCHEDULING AND PROPOSED INSTRUCTORS:

Semester of Initial Offering: Modifications to take effect in fall 2014.

Proposed Instructors: