Course Approval Form

For instructions:
http://registrar.gmu.edu/facultystaff/catalog-revisions/course/

Action Requested: (definitions available at website above)
- [ ] Create NEW
- [ ] Inactivate
- [x] Modify (check all that apply below)

Course Level:
- [x] Undergraduate
- [ ] Graduate

- [x] Title
- [ ] Credits
- [ ] Repeat Status
- [ ] Schedule Type
- [x] Prereq/coreq
- [ ] Restrictions
- [ ] Grade Mode
- [x] Other: Catalog copy

College/School: COS
Submitted by: Geraldine Grant
Department: Biology
Ext: 3-4292
Email: Ggrant1@gmu.edu

Subject Code: BIOL
Number: 484
(Do not list multiple codes or numbers. Each course proposal must have a separate form.)

Effective Term:
- [ ] Fall
- [x] Spring
- [ ] Summer

Year 2018

Title:
Current: Eukaryotic Cell Biology
Banner (30 characters max w/ spaces):
New: Cell Signaling and Disease

Fulfills Mason Core Req? (undergrad only)
- [ ] Currently fulfills requirement
- [ ] Submission in progress

Credits: (check one)
- [x] Fixed → 3
- [ ] Variable → to
- [ ] Lec + Lab/Rct→ 0 or

Repeat Status: (check one)
- [x] Not Repeatable (NR)
- [ ] Repeatable within degree (RD) →
- [ ] Repeatable within term (RT) →

Max credits allowed: (required for RT/RD status only)

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

Schedule Type: (check one)
LEC can include LAB or RCT if linked sections will be offered
- [x] Lecture (LEC)
- [ ] Lab (LAB)
- [ ] Recitation (RCT)
- [ ] Internship (INT)
- [ ] Independent Study (IND)
- [ ] Seminar (SEM)
- [ ] Studio (STU)
- [ ] Activity (ACT)
- [ ] Research (RSC)
- [ ] Student Teaching (STC)
- [ ] Thesis (THS-798/799)
- [ ] Dissertation (DIS-998/999)

Prerequisite(s) (NOTE: hard-coding requires separate Prereq Checking form; see above website):
BIOL311 (Requires minimum grade of C)

Corequisite(s):
Recommended BIOL483

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

Equivalencies (check only as applicable):
- [ ] YES, course is 100% equivalent to
- [ ] YES, course renumbered to or replaces

Catalog Copy (Consult University Catalog for models)

Description (No more than 60 words, use verb phrases and present tense)	**Notes** (List additional information for the course)
Expands on the key concepts of eukaryotic cell biology including the cell cycle, the cytoskeleton, cellular transport, the membrane and protein trafficking and cellular signaling.	Maybe taken with partner Laboratory course BIOL485

Indicate number of contact hours: Hours of Lecture or Seminar per week: 3 Hours of Lab or Studio:
When Offered: (check all that apply) [x] Fall [ ] Summer [ ] Spring

Approval Signatures

Dep[redacted] College/School Approval Date

If th[redacted] **any other units**, the originating department must circulate this proposal for review by thos[redacted] on. Failure to do so will delay action on this proposal.

Uni[redacted]	Unit Approver's Signature	Date

Undergraduate or Gradua[redacted] Approval

UGC or GC Council Member | Provost's Office | UGC or GC Approval Date

Form revised 11/10/2016

Course Proposal Submitted to the College of Science Curriculum Committee (COSCC)

The form above is processed by the Office of the University Registrar. This second page is for the COSCC's reference. Please complete the applicable portions of this page to clearly communicate what the form above is requesting.

FOR ALL COURSES (required)
Course Number and Title: BIOL484 Cell Signaling and Disease

Date of Departmental Approval: 8/7/17

FOR INACTIVATED/REINSTATED COURSES (required if inactivating/reinstating a course)

- Reason for Inactivating/Reinstating:

FOR MODIFIED COURSES (required if modifying a course)

- Summary of the Modification:
  Changing course name

- Text before Modification (title, repeat status, catalog description, etc.):
- Eukaryotic Cell Biology

- Text after Modification (title, repeat status, catalog description, etc.):

Cell Signaling and Disease

- Reason for the Modification:

Students think that since they have taken BIOL213 they don't need any more Cell Biology. By changing the name, we are hoping the students will want to learn this material. Our BIOL213 only lightly touches on the topics that are covered in this advanced course.

FOR NEW COURSES (required if creating a new course)

- Reason for the New Course:

- Relationship to Existing Programs:

- Relationship to Existing Courses:

- Semester of Initial Offering:

- Proposed Instructors:

- Insert Tentative Syllabus Below
