

Course Approval Form

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

Action Requested: (definitions available at website above)

☐ Create NEW ☐ Inactivate
☒ Modify (check all that apply below)

Course Level:

☐ Undergraduate ☒ Graduate

☒ Title ☐ Repeat Status ☒ Prereq/coreq ☐ Grade Mode
☐ Credits ☐ Schedule Type ☐ Restrictions ☒ Other: Catalog description, contact hours

College/School: College of Science Department: Interdisciplinary Program in Neuroscience
 Submitted by: Gwendolyn Lewis Ext: 36239 Email: Glewis13@gmu.edu

Subject Code: NEUR Number: 701 Effective Term: ☒ Fall ☐ Spring ☐ Summer Year: 2017
 (Do not list multiple codes or numbers. Each course proposal must have a separate form.)

Title: Current Neurophysiology Laboratory Banner (30 characters max w/ spaces) New Neuroscience Laboratory
 Fulfills Mason Core Req? (undergrad only)
☐ Currently fulfills requirement
☐ Submission in progress

Credits: (check one) ☐ Fixed → ☐ Variable → ☐ Lec + Lab/Rct → to 0 or Repeat Status: (check one) ☐ Not Repeatable (NR) ☐ Repeatable within degree (RD) → ☐ Repeatable within term (RT) → Max credits allowed: (required for RT/RD status only) ☐

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) ☐ 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): NEUR 601 and admission to neuroscience PhD program or permission of instructor Corequisite(s):

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) Advanced training in experimental techniques used in current neuroscience research. Acquaints students with the theoretical basis of multiple techniques and trains the student in the laboratory skills necessary to perform each technique. Includes work in model systems or cell culture, microscopy, histology and data analysis.	Notes (List additional information for the course)
Indicate number of contact hours: Hours of Lecture or Seminar per week: Hours of Lab or Studio: 3 When Offered: (check all that apply) <input checked="" type="checkbox"/> Fall <input type="checkbox"/> Summer <input type="checkbox"/> Spring	

Approval Signatures

_____/17 College/School Approval Date
 by any other units, the originating department must circulate this proposal for review by
 mission. Failure to do so will delay action on this proposal.

Unit Name	Approver's Name	Unit Approver's Signature	Date

Undergraduate or Graduate Council Approval

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

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: NEUR 701 Neurophysiology Laboratory

Date of Departmental Approval:

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 the course title, description, and # hours of lab per week for NEUR 701.
- Text before Modification (title, repeat status, catalog description, etc.):
 - Title: Neurophysiology Laboratory
 - Catalog description: Hands-on training in current techniques of modern neurophysiology. Acquaints students with the theoretical basis of each technique and trains the student in the laboratory skills necessary to perform each technique. Includes intracellular and extracellular recording techniques.
 - Hours of lab per week: 6
- Text after Modification (title, repeat status, catalog description, etc.):
 - Title: Neuroscience Laboratory
 - Catalog description: Advanced training in experimental techniques used in current neuroscience research. Acquaints students with the theoretical basis of multiple techniques and trains the student in the laboratory skills necessary to perform each technique. Includes work in model systems or cell culture, microscopy, histology and data analysis.
 - Notes: This requires working with live zebrafish embryos.
 - Hours of lab per week: 3
- Reason for the Modification: A new instructor (Gwendolyn Lewis) is taking over the course. The course title and catalog description have been broadened so that multiple faculty can teach this laboratory course based on their individual expertise.

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