

# Neuroscience Minor – University of Mississippi

## NEU 491/492/493 Directed Research Prospectus

**Instructions:** Complete this form with the faculty member that is directing your research project and obtain the signature of the Neuroscience Minor Director (Lainy Day, Shoemaker 512). Faculty signatures may be applied to an e-document, but the student must print the document and then sign. Turn the form into the Biology office (Shoemaker 214) to have a section created for your course. Request that an e-copy with all signatures be sent to Dr. Day. Research Directors, please save students' final products as you would save tests and products for other courses.

**NEU 491 Directed Research in Neuroscience.** Independent research project conducted under neuroscience faculty supervision. Requirements include a written product or an oral presentation. May be repeated once; however, a maximum of 3 hours can be applied to the neuroscience minor. As a general guideline, during regular semesters, a minimum of two hours' effort per week, per credit hour attempted, is expected.

**NEU 492 Directed Research in Neurosciences II.** Similar to Neu 491 except that the credit hours cannot be applied to the requirements of a neuroscience minor. May be repeated once for a total of 3 hours of cumulative credit. Prerequisite: Neu 491 or another 3 credit hour, non-Z graded independent research course as approved by the neuroscience director.

**NEU 493 Capstone Directed Research in Neurosciences.** An independent research project conducted under the supervision of a faculty member with whom the student has completed 6 credit hours prior research work (no Z-graded courses). Research results must be reported in a paper and an oral presentation in a public forum.

Date of Submission \_\_\_\_\_ Term F Sp FSum SSum Sum AINT SAINT  
Student Name \_\_\_\_\_ Student ID \_\_\_\_\_  
E-mail address \_\_\_\_\_ Major/ Minor(s) \_\_\_\_\_  
Expected Graduation Date \_\_\_\_\_ Credit hours for Neu course (1-3) \_\_\_\_\_  
Faculty Directing Research \_\_\_\_\_

### Title of Directed Research Project:

Neu 491 \_\_\_\_\_

Neu 492 \_\_\_\_\_

Neu 493 \_\_\_\_\_

**\*Please list previous titles if taking Neu 492 or Neu 493.**

\* Note that the content and length of the written or oral presentation will vary depending on the number of course credits attempted and the grading rubric of your advisor. Some Directed Research supervisors may require, for example, a summary data table with a brief written discussion, other supervisors might ask for a paper similar to a journal manuscript. Make sure that you know what is expected of you before you register for Neu 491/492/493!

**One Paragraph Description of Project:**

**Grading Rubric:** Supervising professor will fill in the percentage each component contributes to the student's final course grade.

<b>Participation</b>	_____	
<b>Specific skills</b>	_____	(examples: PCR, behavioral testing)
<b>Research presentation</b>	_____	
<b>Research paper</b>	_____	
<b>Other</b>	_____	
	<b>Total: 100%</b>	

**Average Hours per Week** \_\_\_\_\_ (about 2hrs per credit hours)

For summer enrollment the requirement of hours of lab/field work per week will be adjusted upward to achieve the same total (a minimum of 28 hours of work per credit).

**Expected Product** (*e.g.* written paper, PowerPoint presentation, poster, oral presentation, etc.)

Note: Student should supply advisor with printed or electronic materials related to product.

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**Approval Signatures: (Faculty and Neuroscience Directors can e-sign, student must print)**

**Student** \_\_\_\_\_ **date** \_\_\_\_\_

**Faculty Directing Research** \_\_\_\_\_ **date** \_\_\_\_\_

**Neuroscience Minor Director** \_\_\_\_\_ **date** \_\_\_\_\_

**Course Section Created by** \_\_\_\_\_ **on date** \_\_\_\_\_ **Section #** \_\_\_\_\_