

Program Change Request

Date Submitted: 01/11/21 3:50 pm

Viewing: **NEUR : Neuroscience Minor**

Last approved: 03/04/19 7:34 am

Last edit: 01/21/21 7:14 am

Changes proposed by: gscott21

Catalog Pages
Using this Program
[Neuroscience Minor](#)

2021 2022
Rationale for

Are you completing this form on someone else's behalf?

Yes

Requestor:

In Workflow

1. Registrar-Programs:Workflow Review
2. NEUR Chair
3. SC Curriculum Committee
4. SC Associate Dean
5. SC CAT Editor
6. Assoc Provost-Undergraduate
7. Registrar-Programs

Approval Path

1. 01/11/21 5:55 pm
Johanna Riemen (jriemen): Approved for Registrar-Programs:Workflow Review
2. 01/20/21 10:24 am
Saleet Jafri (sjafri): Approved for NEUR Chair

History

1. Nov 14, 2017 by clmig-jwehrheim
2. Jan 17, 2019 by Jennifer Bazaz Gettys (jbazaz)
3. Mar 4, 2019 by Tory Sarro (vsarro)

Name	Extension	Email
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Name	Extension	Email
Gwendolyn Lewis	3-9239	glewis13@gmu.edu

Effective Catalog: 2021-2022

Program Level: Undergraduate

Program Type: Minor

Degree Type:

Title: Neuroscience Minor

Banner Title: Neuroscience Minor

Is this a retitling of an existing

Existing Program

Registrar/OAPI Use

Only – SCHEV

Registrar's Office

Use Only –

Program Start Term

Registrar/OAPI Use

Only – SCHEV

Registrar/OAPI Use

Only – SACSCOC

Status

Concentration(s)

INTO Major(s)

Registrar/IRR Use

Only –

College/School: College of Science

Department / Academic Unit: Interdisciplinary Neuroscience Program

Jointly Owned Program? No

Participating

Participating

Justification

What is proposed? We are removing the requirement for a second biology course and replacing it with a requirement for one elective course. The new elective requirement contains all of the previous biology course options, but also adds options for neuroscience courses.

Why is this necessary? This change is needed to add flexibility to our minor and allow students to take more neuroscience courses for their neuroscience minor. Students in biology and psychology sometimes have trouble getting enough unique credits for this minor due to the

amount of overlap with the BIOL and PSYC courses. Even if they take additional neuroscience courses, there is presently no way to apply them to the minor. This alleviates that and strengthens the neuroscience focus of the minor. We have also added NEUR 101: Introduction to Neuroscience as one of the elective options. This will allow students who take NEUR 101 and develop an interest in the topic to apply this course toward a minor.

Catalog Published Information

Total Credits Required: Total credits: 21-22

Registrar's Office Use Only - Program Code:
NEUR

Registrar/IRR Use Only – Program CIP Code

Admission Requirements:

Program-Specific Policies:

Policies

Eight credits of coursework must be unique to the minor. For policies governing all minors, see [AP.5.3.4 Minors](#). For policies governing all undergraduate programs, see [AP.5 Undergraduate Policies](#).

Degree Requirements:

Students should refer to the [Admissions & Policies](#) tab for specific policies related to this **minor program**. Students must complete at least **21** ~~20~~ credits of coursework with a minimum GPA of 2.00.

Biology Courses

Required Course

~~BIOL-213~~ ~~Cell Structure and Function (Mason Core)~~ ~~4~~

Elective Course

~~Select one from the following:~~ ~~3-4~~

~~BIOL-311~~ ~~General Genetics~~

~~BIOL-320~~ ~~Comparative Chordate Anatomy~~

~~BIOL-322~~ ~~Developmental Biology~~

~~BIOL-326~~ ~~Animal Physiology~~

~~BIOL-425~~ ~~Human Physiology~~

~~BIOL-430~~ ~~Advanced Human Anatomy and Physiology I~~

~~Total Credits~~ ~~0~~

<u>BIOL 213</u>	Cell Structure and Function (<u>Mason Core</u>)	4
Total Credits		4

Psychology Courses

<u>PSYC 373</u>	Biopsychology Laboratory	2
<u>PSYC 375</u>	Brain and Sensory Processes	3
<u>PSYC 376</u>	Brain and Behavior	3
Total Credits		8

Neuroscience Courses

<u>NEUR 327</u>	Cellular, Neurophysiological, and Pharmacological Neuroscience	3
<u>NEUR 335</u>	Molecular, Developmental, and Systems Neuroscience	3
Total Credits		6

Electives

Choose one from the following:

<u>BIOL 311</u>	General Genetics	4
<u>BIOL 320</u>	Comparative Chordate Anatomy	4
<u>BIOL 322</u>	Developmental Biology	3
<u>BIOL 326</u>	Animal Physiology	3
<u>BIOL 425</u>	Human Physiology	3
<u>BIOL 430</u>	Advanced Human Anatomy and Physiology I	4
<u>NEUR 101</u>	Introduction to Neuroscience (<u>Mason Core</u>)	3
<u>NEUR 405</u>	RS: Laboratory Methods in Behavioral Neuroscience	3
<u>NEUR 406</u>	Zebrafish Neurodevelopment Laboratory	3
<u>NEUR 407</u>	Lab Investigations Using Voltage Clamp Electrophysiology	3
<u>NEUR 410</u>	Current Topics in Neuroscience	3
<u>NEUR 411</u>	Seminar in Neuroscience	3
<u>NEUR 422</u>	Glutamatergic Systems	3
<u>NEUR 440</u>	Independent Study in Neuroscience	1-3
<u>NEUR 461</u>	Special Topics in Neuroscience	1-3
<u>NEUR 480</u>	Biological Bases of Alzheimer's Disease	3

Retroactive
Requirements
Updates:

Plan of Study:

**Honors
Information:**

**Accelerated
Description/Dual
Degree
Description:**

**INTO-Mason
Requirements:**

**College
Requirements &
Policies:**

**Department /
Academic Unit
Requirements &
Policies:**

Program Outcomes

Additional Program Information

This information is required by the Office of Accreditation and Program Integrity

**Courses offered via
distance (if**

**Indicate whether
students are able**

**What is the
primary delivery
format for the
program?**

Does any portion of this program occur off-campus?

Off-campus details:

Are you working with a vendor / other collaborators to offer your program?

Please explain:

**Related
Departments**

Could this program prepare students for any type of professional licensure, in

Additional SCHEV & SACSCOC Information

Are you changing the total number of credits required for this program?

Are you changing the delivery format in any way (e.g adding an online option)?

Are you adding/removing a licensure option which was approved by SCHEV?

Will any portion of this program be offered at an off-campus location?

What off-campus location(s)? List all

What percentage of credits toward this program are offered at the off-campus location(s)?
Please list percentages by site (i.e. 15% at Site A, 35% at Site B etc.)

Will this program change affect any specialized accreditation?

Is the content of the new program closely related to that of an existing approved program?

Which existing approved program(s)?

Is this new program considered to be "advancing the degree level of a currently approved program" (i.e. existing content is at lower degree level, new content is at the higher degree level)?

Which existing approved program(s)?

Is this new program considered to be "lowering the degree level of a currently approved program" (i.e. existing content is at higher degree level, new content is at the lower degree level)?

Which existing approved program(s)?

Does this change represent a repackaging of content in an existing approved degree/certificate program?

OAPI Use Only – Determination of SACSCOC Impact

Comments or Notes

Green Leaf Program Designation

Is this a Green Leaf program? No

Green Leaf Designation

Sustainability-focused academic programs require at least one green leaf course. Either that course is itself sustainability-focused or else the program requires a set of sustainability-related courses with aggregated

Relationship to Existing Courses

Relationship to Existing Programs

List sustainability-focused courses currently required in the degree

Sustainability-related academic programs either require at least one sustainability-related course or else offer any green leaf course as an option or elective *

List sustainability-related courses currently required in the degree

Does this program cover material which crosses into another department?

No

Impacted Departments

Additional Attachments

SCHEV Proposal

Executive Summary

**Reviewer
Comments**

**Additional
Comments**

Is this course required of all students in this degree program?

%wi_required.eshtml%

**Attached
Document**

Key: 510