

New Program Proposal

Date Submitted: 11/04/18 9:17 pm

Viewing: : **Neuroscience, BS/Biology, MS**

Last edit: 11/04/18 9:17 pm

Changes proposed by: jbazaz

In Workflow

1. Registrar-Programs:Workflow Review
2. SSB Program Chair
3. NEUR Chair
4. SC Curriculum Committee
5. SC Associate Dean
6. SC CAT Editor
7. Assoc Provost-Undergraduate
8. Assoc Provost-Graduate
9. Registrar:Create Code
10. Registrar-Programs

Approval Path

1. 11/05/18 1:27 pm
Tory Sarro (vsarro):
Approved for Registrar-Programs:Workflow Review

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

Yes

Requestor:

Name	Extension	Email
Ancha Baranova	4293	abaranov@gmu.edu

Effective Catalog: 2019-2020

Program Level: Undergraduate & Graduate (BAMs)

Program Type: Bachelor's/Accelerated Master's

Title: Neuroscience, BS/Biology, MS

Banner Title: Neuroscience, BS/Biology, MS

**Registrar's Office
Use Only –
Program Start
Term**

Concentration(s):

College/School: College of Science

**Department /
Academic Unit:** School of Systems Biology

**Jointly Owned
Program?** Yes

**Participating
Colleges**

	College
1	College of Science

**Participating
Departments**

	Department
1	Interdisciplinary Neuroscience Program

Justification

Dr. Gwendolyn Lewis and Dr. Ancha Baranova have collaborated to determine the pathway from BS in Neuroscience to MS in Biology.

Catalog Published Information

**Accelerated
Description/Dual
Degree
Description:**

Overview

Qualified undergraduates may be admitted into an accelerated master's program and obtain both a [Neuroscience, BS](#) and a [Biology, MS](#) within an accelerated time frame. Students admitted to this program may take graduate courses after completing 90 undergraduate credits, and up to 6 credits of graduate work may be used in partial satisfaction of the requirements for the undergraduate degree. If students earn at least a 3.00 GPA in these classes, they are granted advanced standing in the master's program and must then complete an additional 24 credits to receive the master's degree. All other master's degree requirements must be met, including a minimum of 18 credits taken for the master's after the bachelor's degree is complete.

Application Requirements

Applicants to all graduate programs at George Mason University must meet the admission standards and application requirements for graduate study as specified in the [Graduate Admission Policies](#) section of this

catalog. Application information for this accelerated master's program can be found on the [School of Systems Biology's website](#).

Successful applicants will have an overall undergraduate GPA of at least 3.10. Additionally, they will have completed the following courses with a GPA of 3.00 or higher:

Course List

Code	Title	Credits
<u>BIOL 213</u>	Cell Structure and Function (<u>Mason Core</u>)	4
One Course in Statistics:		3-4
<u>BIOL 214</u>	Biostatistics for Biology Majors	
or <u>STAT 250</u>	Introductory Statistics I (<u>Mason Core</u>)	
or <u>PSYC 300</u>	Statistics in Psychology	
or <u>MATH 352</u>	Statistics	
<u>BIOL 308</u>	Foundations of Ecology and Evolution	5
or <u>NEUR 327</u>	Cellular, Neurophysiological, and Pharmacological Neuroscience	
<u>BIOL 310</u>	Biodiversity	3
or <u>NEUR 335</u>	Molecular, Developmental, and Systems Neuroscience	
<u>BIOL 311</u>	General Genetics	4
<u>CHEM 313</u>	Organic Chemistry I	3
<u>CHEM 315</u>	Organic Chemistry Lab I	2

Accelerated Option Requirements

At the beginning of the student's final undergraduate semester, students must submit a bachelor's/accelerated master's transition form (available from the [Office of the University Registrar](#)) to the [College of Science's Office of Academic and Student Affairs](#). Students must begin their master's program in the semester immediately following conferral of the bachelor's degree.

Students must maintain an overall GPA of 3.00 or higher in graduate coursework and should consult with their faculty advisor to coordinate their academic goals.

After completing 120 credits and all requirements for the bachelor's degree and filing the Graduation Intent Form, students are awarded a bachelor's degree.

Additional Requirements

- Satisfactory performance in undergraduate coursework must be maintained
- Satisfactory graduate-level performance in each approved graduate course taken while in undergraduate status (receiving a grade of B or better (3.0 or higher) in each course).
- Submission of documents to complete the master's application before the published deadline, including a goals statement and a resume. GRE scores are not required.
- Completion of undergraduate degree from George Mason University.
- Confirmation of a graduate faculty advisor.

Additional Attachments

[EDITED ProgramApprovalForm_COSCC-1 - ACCEL NEURO to MS.pdf](#)

**Reviewer
Comments**

**Additional
Comments**

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

%wi_required.eshtml%

Key: 748