



# Interdisciplinary Program in **Neuroscience**

Transfer Student Orientation

Welcome! We will be with you shortly...



College of Science

**INTERDISCIPLINARY  
PROGRAM IN  
NEUROSCIENCE**

George Mason University®

# Introductions

- Who we are...
- Where to get help and information
  - <https://cos.gmu.edu/neuroscience>
  - [neurosci@gmu.edu](mailto:neurosci@gmu.edu)
  - Advising is online with some limited in person appointments available during the academic year.
    - Appointments scheduled through **Patriot Connect**
    - Three advisors: Dr. Herin, Dr. Guerriero, and Dr. Sinclair
  - Twitter: @MasonNeuro
  - Instagram: @masonneuroscience

# Research Opportunities

- Research Assistantships
  - List of research areas, labs and centers in packet and on website
- Internships
  - George Mason Aspiring Scientists Summer Internship Program (ASSIP)
  - Mason Undergraduate Research Scholars Program (URSP)
  - Summer internship applications usually open in late fall and are due in January/early February.
- Research and scholarship intensive courses
  - NEUR 406, and 407
- The Office of Student Scholarship, Creative Activities, and Research (OSCAR)

# Honors in Neuroscience

- 3-semester program that culminates in the successful completion and presentation of an honors thesis, an independent research project
  - Semester 1: NEUR 411- Writing intensive course in neuroscience
  - Semester 2: NEUR 450: Honors Thesis Proposal
  - Semester 3: NEUR 451: Honors Thesis

# Pre-health Resources

- [Prehealth.gmu.edu](http://Prehealth.gmu.edu)
  - Go to resources, explore and get on list serv
- email [prehlth@gmu.edu](mailto:prehlth@gmu.edu)
- speak to major advisor and pre-health advisor ASAP



# Transfer Credit Policy and Resolving Issues

- Must have transcripts and AP scores sent within 1 year
- Transfer matrix
- Inquiry form and re-evaluation form

## Transfer Credit Inquiry and Appeal

- [Transfer Credit Inquiry Form \(PDF\)](#). Use this form if you are missing any transfer credit from your evaluation. This includes credit by exam such as AP, IB or CLEP. Before submitting this form be sure you have requested official final transcripts to be sent to the Office of Admissions and are have read and understood the criteria for credit acceptance policies.
- [Transfer Credit Re-Evaluation Appeal Form \(PDF\)](#). Use this form if you were awarded elective credit for a course and wish to have it re-evaluated as equivalent to a specific Mason course.

# Study Abroad: Neuroscience & Technology in Germany

- Faculty-led program runs even year summers (Summer 2026, 2028 etc) with Dr. Greta Ann Herin
- About 5 weeks with three stops in Frankfurt, Berlin, and Munich where students visit world renowned universities and research institutes, learn about current research and chat directly with scientists.
  - 2 courses/6 credits that will satisfy the Mason Global Contexts Core and the Synthesis/Apex Core as well as major electives
- Eligibility: minimum gpa 2.75 and coursework in BIOL, PSYC and NEUR.
- Applications due in early Spring semester.

# What classes do I take?

- Please review the “Registration” section in your neuroscience orientation packet
  - Recommend max of 14 credits in 1<sup>st</sup> semester
- Check your Degree Audit (don't forget the Mason Core!)
- Review curriculum
  - Official curriculum in the catalog ([catalog.gmu.edu](http://catalog.gmu.edu))

# Biology

- **BIOL 103 Intro to Biology:** if you do not have a background in Biology or have not taken Biology since high school
- **BIOL 213/215 Cell Structure and function + lab :** if you have credit for the BIOL 103 equivalent
- If you have taken cell biology and statistics, take **BIOL 311/313 Genetics + lab**

# Chemistry

- **CHEM 211/213 General Chemistry I + lab:** if you have no chemistry credit
- **CHEM 212/214 General Chemistry II + lab:** if you have transfer credit for CHEM 211/213 Gen Chemistry I + lab
- **CHEM 313/315 Organic Chemistry I + lab:** if you have credit for both General Chemistry I and II and are planning to pursue a health profession or graduate school

# Psychology

- **PSYC 100 Intro to Psychology:** if you do not have credit for Intro to Psychology
- **PSYC 375 Brain and Sensory Processes:** if you have credit for PSYC 100 (currently almost full/waitlisted)

# Math or Statistics

- Calculus is required for the program: MATH 113 or MATH 123/124.
- MATH 105 Precalculus is a pre-requisite for MATH 113 or MATH 123.
- Please see instructions for selecting and registering for a math course [http://math.gmu.edu/placement\\_test.php](http://math.gmu.edu/placement_test.php)
- Or, take statistics: STAT 250, BIOL 214, PSYC 300, MATH 352.
  - STAT 250 Intro to Statistics or BIOL 214 Biostatistics recommended for pre-health students.

# NEUR 101

- Not required
- Will count as an elective as long as it is taken BEFORE PSYC or NEUR 300 level courses.

# UNIV 302

- COS Transfer transition course
- 1 credit
- 7-week course
- Great way to help transfer students get familiarized with Mason during an uncertain semester and find a COS community of students

# Mason Core or Neuroscience Electives

- Please consult your packet, the catalog and an advisor to determine the best options.
- 22 credits of electives allow students to tailor their program to their interests (Psychology, Biology, Math etc)

# Parting Advice

- Consult/meet with and advisor once a semester.
- Get to know your professors!
- Don't take more than 2 lab classes per semester
  - Pre-health majors should take lab courses during the regular academic year (fall/spring)

# Questions?

- Breakout sessions with 1:1 advising
- [neurosci@gmu.edu](mailto:neurosci@gmu.edu)