



Building on a long tradition of excellence in the **Neurosciences**, Washington University in St. Louis has a large and interactive faculty from numerous preclinical and clinical departments across two campuses. We study nearly every area of modern neuroscience - ranging from structural analysis of ion channels to mapping functional connections of the human brain.

Students enjoy a challenging and productive environment in which to define and pursue their professional goals. The superb resources and remarkable breadth of research possibilities at Washington University guarantees a student's exposure to the most fundamental issues in the field and the tools to address those issues in-depth in a diverse, collaborative, and interdisciplinary scientific community.

## Research Environment

Active areas of research include cellular, molecular and developmental neurobiology, systems and integrative neuroscience, clinical and computation neuroscience.

Many Washington University centers provide intellectual and physical resources that facilitate neuroscience research:

- Office of Neuroscience Research
- McDonnell Center for Cellular and Molecular Neurobiology
- McDonnell Center for Systems Neuroscience
- Hope Center for Neurological Disorders
- Washington University Neurofibromatosis Center
- John L. Trotter Multiple Sclerosis Center
- Washington University Pain Center
- Center for the Study of Itch
- Center for the Investigation of Membrane Excitability Diseases
- The Center for Innovation in Neuroscience and Technology
- Center for Clinical Imaging Research
- Center for Cellular Imaging
- Charles F. and Joanne Knight Alzheimer's Disease Research Center
- Center for Neuroimmunology and Neuroinfectious Diseases

# Neurosciences



## Required Courses

- Cellular Neurobiology
- Systems Neuroscience
- Coding and Statistical Thinking
- Oral Presentation of Scientific Data
- Ethics & Research Science
- First Year Fundamentals
- Graduate Research Fundamentals

APPLICATION  
DEADLINE

DECEMBER

1

**EXPLORE & APPLY:**  
[tinyurl.com/dbbstour](https://tinyurl.com/dbbstour)

For more information about the **NEUROSCIENCES** program and faculty research:

[tinyurl.com/dbbs-nsfaculty](https://tinyurl.com/dbbs-nsfaculty)



[dbbs-info@email.wustl.edu](mailto:dbbs-info@email.wustl.edu)



[facebook.com/wustldbbs](https://facebook.com/wustldbbs)



[@WUSTLdbbs](https://twitter.com/WUSTLdbbs)

## Program Benefits & Support

- Full tuition funding and benefits\*, including:  
generous stipend | travel funds for scientific meetings | health, life, and disability coverage
- Opportunities to obtain nationally competitive fellowships, awards, and grants
- Free Metro U-Pass to travel in and around the St. Louis area
- Access to all university educational, entertainment, and recreational resources

*\*guaranteed, provided that satisfactory progress towards completion of degree requirements is met*

**DBBS celebrates diversity in all of its forms.**

*We invite all students to apply, especially those from backgrounds historically underrepresented in the sciences, such as African, Latin, and Native Americans, those with disabilities, and individuals from low-income backgrounds.*

**To learn more about DBBS' diversity initiatives, visit:** <https://tinyurl.com/dbbsdiversity>