

The B.S. / M.S. Neuroscience Research Program

A five year program sponsored by NINDS designed to expose young minds to Neuroscience Research.

With the objective of increasing the number of successful career Neuroscience researchers from under-represented populations, the Neuroscience Institute of Morehouse School of Medicine has recognized that they have a unique relationship to undergraduate institutions within the Atlanta University Center, which is supported by close proximity of all the campuses. By partnering with these institutions, students can be exposed to Neuroscience research and training early in their education which would allow them to consider research in Neuroscience as an exciting career and also expose them to in depth course work in Neuroscience to give them the necessary background to conduct successful research.

The B.S. / M.S. program is designed to expose undergraduates to Neuroscience research by recruiting students into a special program whereby they complete requirements for a Bachelor of Science granted by their undergraduate institution, and a Masters of Science by Morehouse School of Medicine within a 5 year period of matriculation to their undergraduate institution.

This program offers several advantages to qualified students:

- Training in Neuroscience Research through an NINDS supported program
- Completion of requirements for a M.S. degree while fulfilling elective requirements for the B.S. degree
- Obtaining a \$22,000 stipend and tuition coverage for the research year

Program Requirements

In this five year program, students must complete core requirements for both their B.S. and M.S. degrees as well as complete a full year of research, which includes writing a research proposal and a thesis on their research work. The advantage of this track is that students will receive an in depth exposure to Neuroscience course work and research early in their academic career. Students will start to fulfill requirements for the Masters degree with course work which will start in their junior year as undergraduates, usually taking one Masters level course a semester concurrently with required coursework for their undergraduate degree.

Students will also be expected to put in 30 hours per week in mentored laboratories within the Neuroscience Institute during two summers and the 5th (Masters) year. The Master's year will be research intensive. Coursework during the 5th year will be of lower credit count. Funding for scholarships for the extra year of study and for summer rotation slots will be provided by the SNRP U54 mechanism.

Overview of the BS/MS Program Schedule

	Summer		Fall	Spring
Freshman				Curriculum Counseling for Prospective Students
Sophomore				Recruitment and Candidate Selection
Junior			Essentials of Neuroscience I	Essentials of Neuroscience II
Senior	Laboratory Techniques	Summer Research Rotation*	Critical Thinking and Scientific Communication I	Essentials of Neuroscience III
			Scientific Integrity	
Master's			Critical Thinking and Scientific Communication in Neuroscience	Biomedical Sciences Presentation
				Fundamentals in Statistics
	Master's Research Project			
Neuroscience Institute Discussions (Seminars in Biomedical Sciences)				

*Qualifying Exam will be administered at the end of this period