Master of Science in Neurosciences

Neurosciences Graduate Programs

The neurosciences program admits students directly for study on the Lawrence campus, with strengths in behavioral, biological, chemical, and pharmaceutical sciences, and the KU Medical Center (http://www.kumc.edu) campus in Kansas City, with strengths in all the biomedical and clinical sciences. Each student is asked which campus he or she would prefer. Students earn a Ph.D. degree in the neurosciences. In exceptional circumstances, the program also offers an M.S. degree in neurosciences.

Graduates can pursue careers in university teaching and research or conduct and supervise research in a pharmaceutical/biotechnology company or government laboratory.

Programs

Neuroscience is a truly multidisciplinary research field. All students are expected to be able to understand the fundamental principles and contributions of each of the major disciplines of the neurosciences core. New students receive training in biochemistry and molecular biology, cell biology, and physiology before proceeding with more focused courses.

Graduate Admission

All application materials are reviewed by faculty committees in Lawrence and Kansas City. Students should have B.A. or B.S. degrees in anthropology, behavioral sciences, biology, chemistry, engineering, neuroscience, or pharmacological sciences. Preference is given to students who have completed courses in introductory and organic chemistry, calculus, physics, introductory biology, and at least 1 course in advanced biology topics such as biochemistry, physiology, microbiology, or molecular biology. Students who do not have sufficient training complete appropriate courses before admission. The program requires standard Graduate Record Examination scores with all applications, 3 letters of recommendation, and an essay by the applicant about his or her career goals. Selection is based on grade-point average, GRE scores, letters of recommendation, and evidence of previous experience in research. The minimum standard is a grade-point average of 3.0 on a 4.0 scale.

Submit your graduate application online (http://www.graduate.ku.edu). Forward all requested supporting application documents to the program:

The University of Kansas
Neurosciences Graduate Program
Malott Hall
1251 Wescoe Hall Drive, Room 5064
Lawrence, KS 66045-7572

M.S. Degree Requirements

The M.S. is offered in rare cases where attainment of the Ph.D. is inappropriate. A student may earn the M.S. by completing these minimum requirements:

- The courses in the curriculum of the first year of the Ph.D. training program.
- The course in advanced neuroscience.