

INTEGRATIVE NEUROSCIENCE USEFUL INFORMATION

Integrative Neuroscience B.S.: This major offers students a firm basis in biology, psychology, and chemistry along with courses in a variety of other disciplines. The program provides the breadth and depth necessary for the interdisciplinary study of the biological basis of behavior. It is particularly useful for those who intend to pursue careers in research, academia, or the health professions (M.D., Nursing, Physician Assistant, Physical Therapy, etc.).

Important Information about the major

Declaring as an Integrative Neuroscience Major: It might surprise you to know that you are not yet an Integrative Neuroscience major! In fact, no student enters BU as a declared major. First semester freshman with STEM scholarships should meet with the Integrative Neuroscience Academic Advisor. The declaration of major process is explained here: <https://www.binghamton.edu/integrative-neuroscience/advising/>. Read the explanation carefully and then select the online form that is right for you. In order to complete the major, one is required to complete both PSYC 111 and 243 with a grade of C or better.

Please note: It is **not** possible to double major in Integrative Neuroscience and Biology **or** Integrative Neuroscience and Psychology due to significant course overlap.

Grade Requirements: Students must earn a C or higher in PSYC 111 and PSYC 243, a C- or higher in all core courses, and a passing grade (D or better) is required for all other courses in the major with the exception of independent study which must be taken pass/fail.

Pass/Fail: A Pass grade is accepted for Independent Study courses (PSYC 395 and 397, BIOL 297, 495, 497, and 498). No other courses that count toward the major may be taken as pass/fail.

Independent Study: Only *approved* independent study credits fulfill requirements for the major. Only 4 credits of independent study with Integrative Neuroscience faculty will fulfill an IN lab. See the academic advisor to determine if your research will count.

Transfer courses: Use the transfer table to determine if a course you have taken or plan to take is equivalent to a BU course (<http://www.binghamton.edu/admissions/apply/transfer/coursework.html>). If the course you intend to take is listed, then there is no additional paperwork needed to be done. If the course is not listed then you need to bring a course description or syllabus to the advising office to be evaluated by the Program Director. It is always better to get permission **BEFORE** taking courses elsewhere to ensure that your time, effort, and money are not wasted on courses that will not count.

Petitions: If a psychology department course is closed (has reached maximum enrollment), the only way to enroll is if another student drops the course and a seat becomes available. However, you may be able to put yourself on a waitlist if there is a blue "W" next to the course on BU Brain. For more information regarding waitlist procedures for courses offered by the Psychology department, visit the IN Advising page (<https://www.binghamton.edu/integrative-neuroscience/advising/>) and look under the heading "Advising Resources." If you are otherwise restricted from registering, please check BU Brain (click the CRN # and then the course title to see what the restriction is: "Need instructor permission," "Class standing," "Major restriction," etc.). The Biology department has its own petition procedures, as may coursework in other departments.

Honors Program: Outstanding students are urged to consider the honors program in Integrative Neuroscience. To graduate with honors, the student must attain a 3.3 GPA for all courses attempted that count toward satisfaction of the Integrative Neuroscience major requirements and for all Integrative Neuroscience courses taken, as well as a 3.0 GPA for all courses necessary for graduation. Students in the Integrative Neuroscience honors program must propose a research project in conjunction with a faculty

adviser who will sponsor the work. For more information, see <https://www.binghamton.edu/integrative-neuroscience/about/honors-program.html>

Nu Rho Psi: Nu Rho Psi is the national honor society for neuroscience. Information about membership criteria and an application can be found here: <https://www.binghamton.edu/integrative-neuroscience/about/honor-society.html>

Academic Advising in Integrative Neuroscience

The Academic Advisor for Integrative Neuroscience is available for appointments and during walk-in advising hours to assist you with any questions, concerns, or problems you may be experiencing. This can include questions about requirements, procedures, or other information about the major, as well as questions about career plans and further study beyond the bachelor's degree. We highly recommend that you check in with the advisor at least once per semester (if not more!) to ensure that you are progressing through the major. For concerns about your Gen Ed or Harpur requirements, please see Harpur Advising.

Undergraduate Academic Advisor

Dr. BJ Luka

neuro@binghamton.edu

Advising Office: Science 4, Rm 175

*Advising is currently being conducted remotely (through Zoom) and in person.

Advising Hours

Check for the updated advising schedule

<https://www.binghamton.edu/integrative-neuroscience/advising/>.

Login through B-Successful (Starfish) to schedule your appointment.

Degree Audit: Degree Works is your best friend when it comes to understanding where you stand in completing the major. Be sure to check it at the *beginning* and *end* of each semester to make sure your courses have been registered and applied properly and that you are on track. If you don't know how to read your degree audit or think it contains an error, visit the Academic Advisor for help.

**The person ultimately responsible for your graduating is YOU.
Be sure you are fully aware of all requirements and deadlines.**

Other Helpful Contacts and Links

Integrative Neuroscience Website: <http://www.binghamton.edu/integrative-neuroscience/>

Program Director: Dr. Christopher Bishop

Harpur Advising: <http://www.binghamton.edu/harpur/advising/>

Registrar: <https://www.binghamton.edu/registrar/index.html>

Transfer Equivalencies: <http://www.binghamton.edu/admissions/apply/transfer/coursework.html>