

SUMMER SPRINGBOARD
Look Inward. Go Upward.

Middle School Neuroscience Infosheet

New student admissions for Summer 2027 are open

Middle School Course

This is a one-week program where you'll focus on one course for the entire duration.

Program Highlights

- Step into the role of a neuroscientist as you build brain and neuron models and test your own reaction time, memory, and senses
- Discover how your brain creates what you see and hear, and why optical illusions trick it
- Learn how scientists study the brain, from famous case studies to EEG and brain-computer interfaces
- Run your own brain experiment and present it at a class Brain Expo

2027 Dates

NYU $3,198

- Session 1: June 27 - July 2
- Session 2: July 4 - July 9
- Session 3: July 11 - July 16
- Session 4: July 18 - July 23

Academic Program Overview

Every thought you have, every memory you make, and every move you take starts in your brain. This three-pound organ controls your heartbeat while you sleep, lets you recognize a friend's face in a crowd and helps you learn something new every day.

In this course, students map the brain by building brain hats and clay models and dissecting a real sheep brain. They discover how neurons send signals, test their own reaction times and memory, find out why optical illusions trick the brain, and learn how sleep, learning, and injury change it. They also explore how scientists study the brain, including the famous case of Phineas Gage. The week ends with a Brain Expo, where teams present their own brain experiment, results and model to the class.

Excursions

Students will see neuroscience come to life in New York City. They will visit the Museum of Illusions to experience firsthand how the brain can be tricked and meet professionals in the field, like neuroscientists and graduate students to learn how researchers study the brain.

Instructors

NYU - To Be Announced

Courses are taught by accomplished and passionate faculty recruited from many area colleges, universities and professional forums. Each faculty member is selected for their subject area expertise and proven ability to both challenge and captivate students.

Tuition Information:

Apply by November 30 to lock in the lowest tuition of the year. Tuition increases on December 1

Residential Students:

- **Includes:** all meals, lodging, excursions, Academic Course and evening activities
- **Excludes**: optional airport pickup and drop off service (available for an additional fee)
- **Tuition:** See tuition under 2027 dates

Commuter Students:

- **Includes:** lunch, academic course, excursions, programming from 9am to 5pm on Monday-Thursday and 9am to 2:30pm on Friday
- **Excludes:** lodging, breakfast, dinner and evening activities
- **NYU Tuition:** $1,798

Supplements:

- **Application fee**: Starting at $99 (mandatory, non-refundable)
- **Tuition Protection Plan**: Allows for cancellation for any reason up until the day of the program. Click here for more info.

Course Structure

There are five 3-hour class sessions over the one-week course. During the week, students have class from 9am-12pm, Monday - Friday (program check-out is 2:30 p.m. on Friday). Wednesday afternoon will be dedicated to additional academic time with possible excursions and/or guest speakers.

The Middle School programs operate separately from Summer Springboard high school programs with separate staff, accommodations, classes, and a more structured environment. For students completing grades 6-8.

Typical Schedule

8AM	Breakfast
9AM	Academic Course / Commuter Student Arrival
12PM	Lunch
1:30PM	Academics in Action or Recreational Activity
3:30PM	Academic Skills Lab
5PM	Free-Time
5-6PM	Commuter Students Depart
6PM	Dinner
7PM	Evening Activity
8:30PM	Back in the Dorm
9:30PM	Mentor Check-In

More info on Airport Transfer

More info on Unaccompanied Minor Service

Apply Now!

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