



Health Science/Pre-Med Headstart Neuroscience 1 (6-7th Grade)

Instructor: Klaus Aichelen
February 3rd-May 5th, 2021
Wednesdays 4:00-5:30 pm

Course Description

Neuroscience is a subject at the forefront of current research and of great interest to many students. However, most students will need to wait until college in order to explore this topic as it is generally only offered at a handful prestigious private high schools. FLEX's Neuroscience courses will offer an introduction to one of the most notoriously challenging disciplines in biology and the health sciences. By presenting material in an approachable yet rigorous way and student projects, we hope to spark an interest in students and inspire them to pursue further study in this exciting field.

Topics will include:

- Brain structure
- Senses and Perception
- Learning and Memory
- Brain development
- Aging

Program Objectives:

The FLEX program will introduce students to neurons, the brain, and organization of the nervous system. The program is designed to expose students to this challenging content at an introductory level and centered around the information tested in the Brain Bee competition, a prestigious neuroscience competition open to students in high school.

Curriculum (provided):

- 1) "Brain Facts"
- 2) Foundations of Behavioral Neuroscience, 8th edition

FREE 4 Week Preparation Course:

- Register by 12/12
- Classes on 1/6, 1/13, 1/20, 1/27
- Wednesdays (4:00-5:30 pm)

Instructor Background: Klaus Aichelen (FLEX College Prep Director of Academic Services)

- 14+ experience teaching the life sciences, and STEM courses for middle and high school students
- Average score increase for ACT Science & Math in 2019 nearly 4+ points
- Biology Olympiad Program Director
- UC Berkeley BS Biology

Tuition: \$1,495 (+\$50 curriculum fee)

- Early Registration or Returning Students: \$200 off by 12/12
- Discounts cannot be combined with other offers
- Tuition must be paid in full to receive discounts

For more information or to register, please contact headstart@flexcollegeprep.com
or call (408) 252- 7742.

**Prior experience in biology classes is not required as fundamental anatomical and physiological knowledge will be introduced during the class.*