

Center for Integrative Science Learning
Summer Science Camp (incoming 1st -5th)
Summer Science Institute (incoming 6th -12th)
PBA Program Description June 2024

Program Objectives

The Center for Integrative Science Learning will teach and inspire children in grades (incoming – Fall 2024) 1-12 to excel in and become passionate about STEM learning. A multi-disciplinary approach will be used in science using fun, unconventional approaches – this year’s theme will be

- Careers in Science and I Can Be a Scientist

The objective of this program is to increase students’ enthusiasm toward STEM learning and to realize that science is a fun and approachable subject with constant applications in their daily lives.

Program details

Science Camp (1st -5th)

I Can Be a Scientist – June 10-14

Students will investigate what a scientist does in the different disciplines of science. They will do this through lab experiments that involve fields like biology, chemistry, earth science, engineering, and marine biology.

Format

Campers going into grade 1 through 5 will be grouped by age level (Group 1: 1st graders; Group 2: 2nd - 3rd graders; Group 3: 4th-5th graders). Exploration activities and experiments will be centered around the science topic of the day and are held outdoors, in the classroom, and in the laboratory led by PBA faculty. Each group will have two PBA college student camp counselors. Campers will have a break for physical activity and free time after lunch.

Daily schedule:

7:30-8:30am	Extended Morning Care
8:30-9:00am	Check-in
9:00-10:15am	Science Activity
10:30-11:45am	Science Activity
12:00-1:00pm	Lunch
1:00-1:45pm	Activities in the Gym
2:00-3:15pm	Science Activity
3:30-4:00	Pick Up
4:00-5:30	Extended Care

- It is anticipated that the total number of campers will be capped at 75.
- Activities are modified according to age/grade levels.
- Camp will run from 8:30am to 3:30pm.
- Tuition \$325.00/student/week.
- Extended care will be provided at additional cost (7:30am-8:30am and 4:00pm -5:30pm) of \$15.00/child/day.
- Lunch is NOT provided – students MUST bring their own lunch/water bottle and snacks.

Summer Science Institute (6th -12th)

Careers in Science – June 10-14

Students will investigate careers in science. The Science Department faculty will lead students in hands-on laboratories, exploring careers in different fields of science such as biotechnology, chemistry, engineering, field biology, forensics, and marine biology.

Format

Experiment and team-based learning is grouped by grade level (Group 1: 6th – 8th graders, Group 2: 9th-12th graders). Each group will have a PBA college student as a Counselor. Laboratory experiments are led by PBA professors twice daily.

Daily schedule:

8:30-9:00am: check-in

9:00-9:50am: Lecture/instructional time led by PBA faculty

10:00-12:00pm session 1 – lab experiment

12:00-12:50pm: lunch

1:00-3:00pm: session 2 – lab experiment

3:00-3:30pm: dismissal

- It is anticipated that the total number of campers will be capped at 48 students.
- Camp will run from 8:30am to 3:00pm – cost: \$400.00/student.
- Lunch in the cafeteria is included.