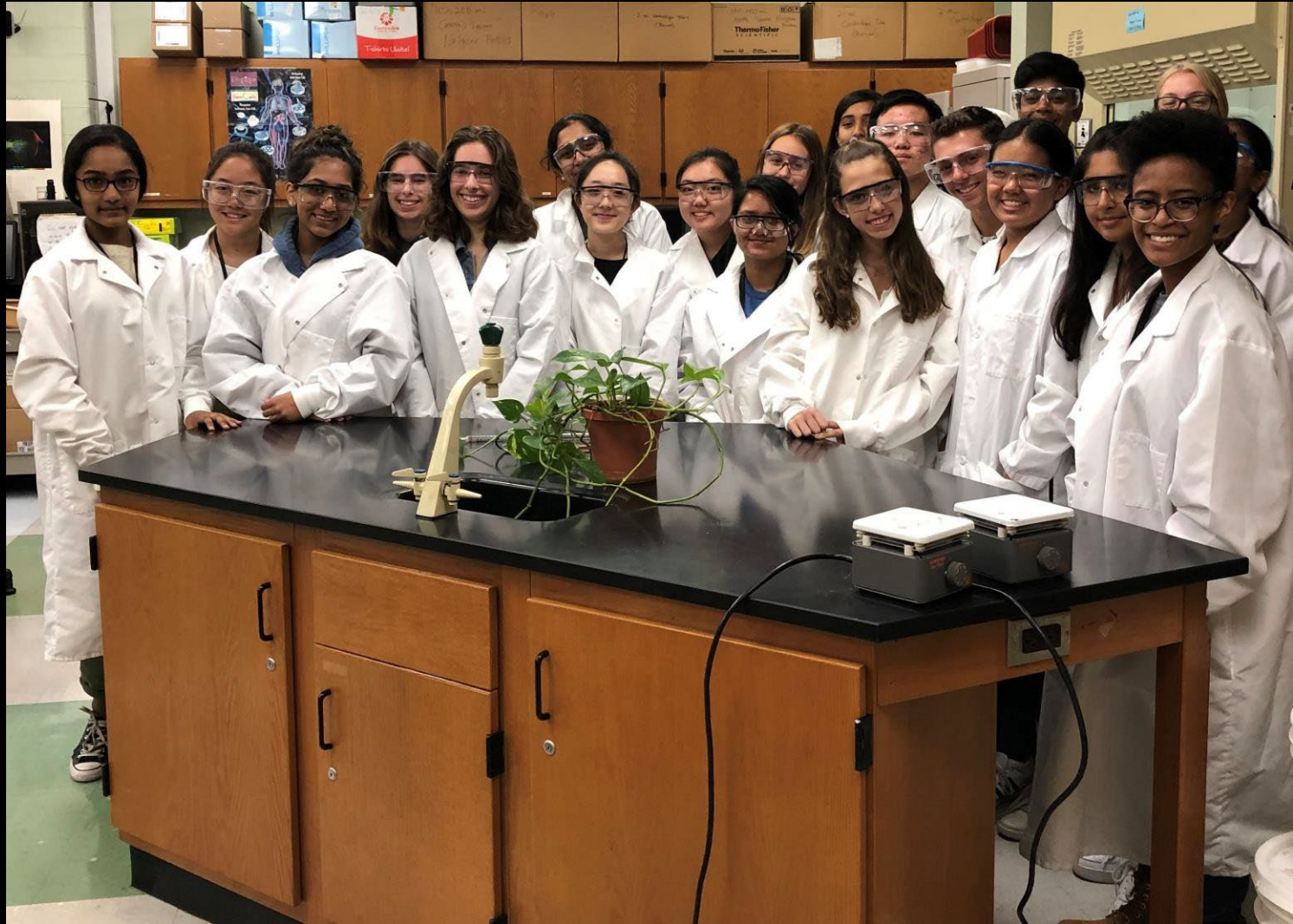


Academy for Medical Science Technology



For the student interested in a career in medicine and healthcare

Career Goals

Graduates from AMST:



- **Dentists**
- **Biomedical engineers**
- **Medical research scientists**
- **Nurses**
- **Pharmacists**
- **Physical therapists**
- **Physicians (MD or DO)**
- **Physician's assistants**
- **Psychologists**
- **Speech therapists**
- **Veterinarians**

9th Grade



SCIENCE COURSES
BIOLOGY

EXPERIMENTAL BIOLOGY

CORE COURSES

**ENGLISH, HISTORY,
MATHEMATICS, PHYSICAL
EDUCATION, and
WORLD LANGUAGE**

10th Grade

SCIENCE COURSES
CHEMISTRY

ANATOMY & PHYSIOLOGY

CORE COURSES
ENGLISH, HISTORY,
MATHEMATICS, PHYSICAL
EDUCATION, and WORLD
LANGUAGE



11th Grade



CORE COURSES

ENGLISH, HISTORY,
MATHEMATICS, PHYSICAL EDUCATION, and
WORLD LANGUAGE

Advanced Placement (AP) and
International Baccalaureate (IB) courses
are available in Art, Calculus,
Economics, English, History, Music,
Statistics and World Languages.

SCIENCE COURSES

AP BIOLOGY

PHYSICS

12th Grade

SCIENCE COURSE

ADVANCED BIOMEDICAL SEMINAR

Pharmacology
Bioethics

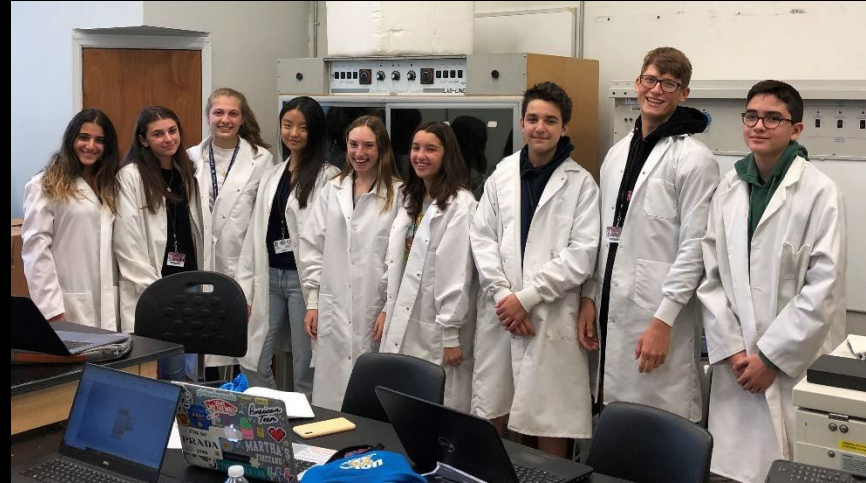


**ADDITIONAL OPTIONS: AP and / or IB
Science Courses: Chemistry, Physics,
Psychology, IB Environmental Science**

**During 12th grade, all BCA students spend
every Wednesday off campus at their
SENIOR INTERNSHIP**

Biomedical Electives

- **Animal Surgery**
- **Agriscience**
- **Developmental Biology**
- **Introduction to Microscopy**
- **Nanotechnology**
- **Organic Chemistry**
- **Pediatric Oncology & Hematology**
- **Psychology**
- **Sports Medicine**
- **Cancer Biology**
- **Botany**

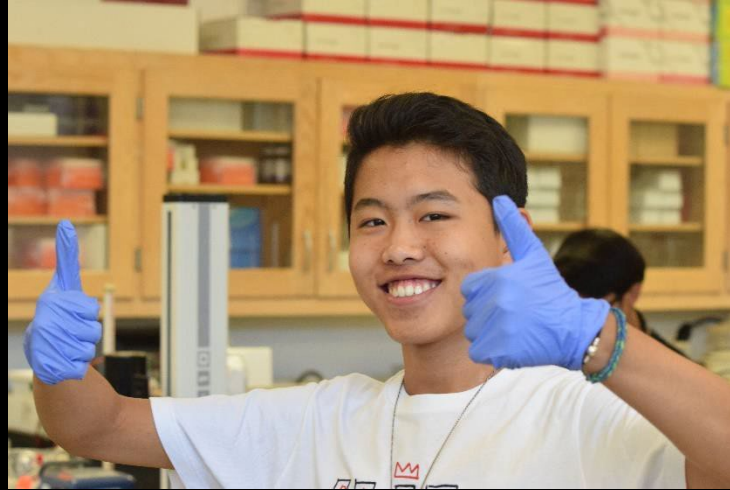


6 Research Programs

Students can begin research in late 9th grade and continue through 12th grade

- **AP Chemistry (11th or 12th)**
- **IB Environmental Systems (11th or 12th)**
- **AP Psychology (12th)**

Wednesdays are special at BCA



Bergen County Academies Mini-Medical School Project

Presentations by:

BCA Alumni:
Premedical, Medical and Residency Life

Bergen County Hospital Physicians:
Career Specialties



AMST students, grade 11 or 12, come together with doctors from surrounding hospitals who provide guidance regarding a career path in medicine.

HOSA is a national student organization that promotes career opportunities in the healthcare industry and promotes the delivery of quality healthcare to all people.

AMST Graduates

Since AMST has existed for over 20 years, many of our alumni have completed graduate school and are now practicing professionals. They continue to return and advise current students about their career options. Their advice also helps us to revise our curriculum to enable our graduates to succeed.

