

Academy for Medical Science Technology



**For the student interested
in a career in medicine and
healthcare**

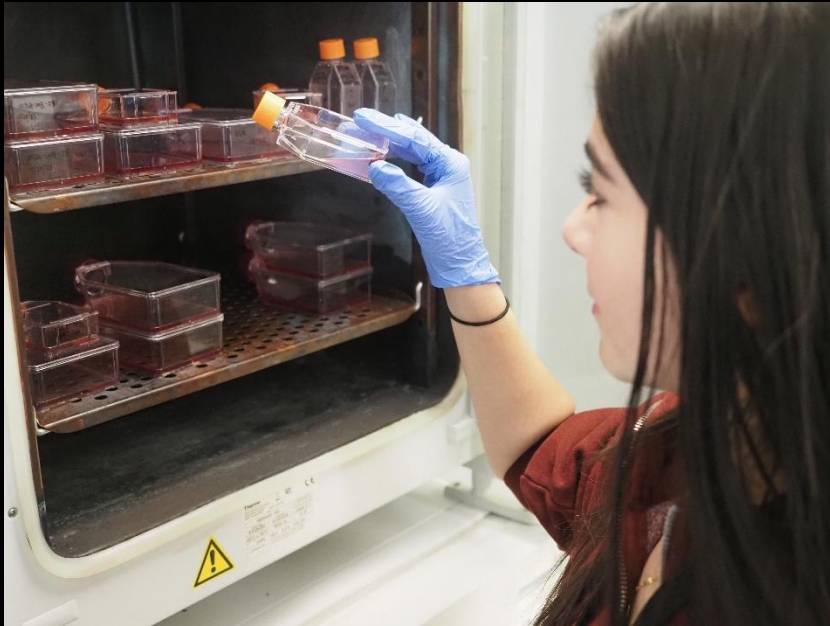
Career Goals

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



**SCIENCE
COURSES**

AP BIOLOGY

PHYSICS

CORE COURSES

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

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

12th Grade

SCIENCE COURSE

ADVANCED BIOMEDICAL SEMINAR

Pharmacology

Bioethics

Biotechnology and
Developmental Biology



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

- Agriscience
- Developmental Biology
- Introduction to Microscopy
- Nanotechnology
- Organic Chemistry
- Pediatric Oncology & Hematology
- Psychology
- Sports Medicine
- Cancer Biology
- ~~AP Chemistry~~ AP Chemistry (11th or 12th)
- IB Environmental Systems (11th or 12th)
- AP Psychology (12th)



6 Research Programs

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

Wednesdays are special at BCA



Many students take health related projects and assist in running clubs with fundraisers for various medical issues.



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 25 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.

