

ACADEMY OF HEALTH SCIENCES



Students enrolled in Bryan Adams High School Academy of Health Sciences will follow this pathway towards NAFTrack Certification

1 PRINCIPALS OF BIOMEDICAL SCIENCE

In this course, students explore medical concepts to determine the cause of fictional character Anna Garcia's death. The activities and projects students do will introduce them to human physiology, biology, medicine, and research processes while they design and perform experiments to solve problems.

2 HUMAN BODY SYSTEMS

In HBS, students deepen their understanding of the human body by building organs and tissues on a skeletal Maniken®; using data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and taking on the roles of medical experts to solve real-world medical cases.

3 MEDICAL INTERVENTIONS

In this course, students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

4 NAF INTERNSHIP

The summer between Junior and Senior year, NAF students are required to participate in a 120 hour paid internship. These internships are provided by NAF and community partners. Students must complete a professionalism course to participate

5 BIOMEDICAL INNOVATIONS

In Biomedical Innovation, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. They have the opportunity to work on an independent project with a mentor or advisor from a university, medical facility, or research institution.



6 NAFTRACK CERTIFICATION

Students that pass all four NAF courses, participate in the 120 hour paid internship, and graduate from Bryan Adams, receive a NAFTrack certification. This certification increases your chance of college acceptance, job acquisition, and NAF partnering companies



OTHER OPPORTUNITIES

While enrolled in NAF Courses, students will get opportunities for Guest Speakers from various STEM careers, work site tours, and extra job preparation such as mock interviews, financial literacy workshops, and college guidance

