

Hillsboro High School

Academy of Global Health and Science

Sports and Human Performance

The Academy of Global Health and Science Mission:

To equip global citizens with the knowledge and skills needed to pursue post-secondary and career opportunities in Healthcare and Research Science.

The Sports and Human Performance pathway is a three year engaging and interactive pathway designed for students interested in pursuing careers in kinesiology and exercise physiology services.

The courses prepare students with the foundational knowledge and skills for careers in physical therapy, nutrition, sports training and many more established and emerging fields in the healthcare sector.

Students develop exceptional time management, professional self-presentation, ethics, and interpersonal communication skills.

Health Science Education

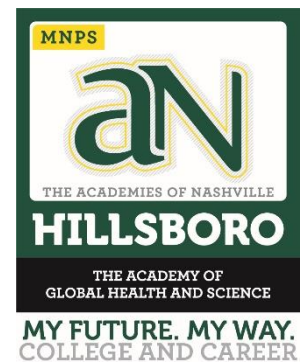
Entry level course that is designed to provide an introduction and overview of the health care industry including career options, skills required to be successful in healthcare, and basic foundational clinical skills to prepare students for advanced coursework.

Rehabilitation Careers

Second level applied course is designed to prepare students to pursue careers in rehabilitation services. Student will be able to identify careers in rehabilitation services, recognize diseases, disorders or injuries related to rehabilitation services and correlate the related anatomy and physiology



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AN INTERNATIONAL BACCALAUREATE
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then develop a plan of treatment with appropriate modalities.

Exercise Physiology

Third level applied course is designed to prepare students to pursue careers in kinesiology and exercise physiology services. Students will be able to apply concepts of anatomy and physiology, physics, chemistry, bioenergetics, and kinesiology to specific exercise science contexts. Students will understand the importance that exercise, nutrition, and rehabilitation play in athletes or patients with debilitating or acute metabolic, orthopedic, neurological, psychological, and cardiovascular disorders.

Elective Course

IB Exercise Science

Industry Certifications

Certified Personal Trainer
OSHA 10 Health Care
BLS Basic Life Support Certification

Dual Enrollment Opportunity

Students are enrolled in the Sports and Human Performance pathway and the International Baccalaureate Career-Related Program.

Club

HOSA Future Health Professionals

Students develop leadership and academic skills through networking, conferences, and healthcare industry based competitions on local, regional, state, and international levels: students also engage in fundraising and community service activities.

Possible careers include physical therapist, massage therapist, physical therapy assistant, physical therapy aide, biological technician, laboratory services, clinical research coordinator, and microbiologist.

