

Freshman Academy

All incoming Freshman are enrolled in the Freshman Academy

Courses: English, Math, Science, World Language, Fine Arts, Wellness, Social Studies, and Freshman Seminar

Freshmen Seminar:

The foundation course of the Academy Model Building college, career, and life skills Assist in a successful transition to high school

Course Components:

You Science Survey

A survey that identifies and combines interest and aptitude to help match students with the best-fit personal real-world career.

Career Exploration Fair

Students explore and engage with local professionals in various career areas.

EVERFI Ignition- Digital Literacy & Responsibility

Online modules provide student with skills to leverage technology safely and effectively with virtual environments to demonstrate knowledge of privacy, security, cyberbullying, research, digital relationships and the viral nature of the web.

College Visits

Every student will visit a local college campus to observe the college experience.

Professional Skills Indicators

Professional skills are visible in all phases of life and are value-added skills essentials to any career. Students will explore these skills by engaging in meaningful discussion and activities. (Attendance and Punctuality, Personal Presentation, Communication, Interpersonal Effectiveness, Quality Commitment, Ethics and Initiative and Execution)

Academy Selection

Students learn about the academies and pathways by completing online modules, visiting each academy and ambassador presentations before selecting an academy and pathway.

IB Career-related Programme

The IB Career-Related Programme (IBCP) is designed for students interested in pursuing rigorous coursework along with a career-related education in the final two years of high school. It provides them with an excellent foundation to ensure their preparedness for success in the workforce. The Programme develops students to have all IB Learner Profile characteristics and the fundamentals of the IB Approaches to Learning.

IBCP Coursework

Students complete at least two but not more than four IBDP courses of their choosing in any of the subject groups: English, World Language, Humanities, Science, Math, and the Arts. All IB-level courses at Hillsboro are 2-year courses, taken Junior and Senior year.

IBDP courses provide and enhance the theoretical underpinnings and academic rigor of the IBCP. IBCP students should choose IBDP courses that are relevant to their career-related studies.

Students develop personal qualities and professional skills, as well as intellectual habits required for lifelong learning through the IBCP Core. The IBCP core components give context to the IBDP courses and the career-related study and draw all aspects of the framework together. IBCP core components are the IB Personal and Professional Skills course, the Reflective Project, Service Learning, and Language Development.

IBCP and The Academy Model

Students are provided with practical, real-world approaches to learning designed to prepare them for higher education, an internship or apprenticeship, or a position in a designated field of interest. Students complete their chosen academy pathway courses and are dually enrolled in the academy pathway and IBCP.

For more information on Hillsboro IB programs visit: <https://hillsboroibdp.wordpress.com/>

For more Hillsboro information visit: hillsboro@mnps
To schedule a school tour visit: Wearehillsboro.com



HILLSBORO HIGH SCHOOL

AN INTERNATIONAL BACCALAUREATE WORLD SCHOOL



HILLSBORO

MY FUTURE. MY WAY.
COLLEGE AND CAREER

Academy of IB Diploma Programme

Pathways:

IB Diploma Programme (IBDP)

The IBDP is an advanced academics program that focuses on preparing students to understand and manage the complexities of the world and to excel in higher education and beyond. Each student in the IBDP fulfills a rigorous course load over two years that focuses on six major content areas and the three components of the DP core—theory of knowledge (TOK); creativity, activity, service (CAS); and the extended essay (EE). As a result, students flourish physically, intellectually, emotionally, and ethically and embody the 10 attributes of the IB Learner Profile. Students are internally and externally assessed in the senior year to measure mastery of DP coursework. There are no academic entrance requirements for IBDP at Hillsboro; the program is open to any student who is motivated to learn at the highest levels and is willing to stretch and grow as an individual in a global community.

Pathway Courses:

- 10th grade- Advance Placement Human Geography
- 11th grade-IB Theory of Knowledge I
- 12th grade- IB Theory of Knowledge II

Advanced STEM Applications

STEM builds fundamental understandings, curiosity, and skills in the high-demand fields of science, technology, engineering, and mathematics. Upon completion of this three-year pathway, students will be prepared to pursue advanced study in the STEM field of their choice at postsecondary institutions and seek careers with industry leaders.

Pathway Courses:

- 9th grade- STEM I Foundations
Offers Industry certification: OSHA 10
- 10th grade- STEM II Application
Offers Industry Certification: Auto Desk Inventor
- 11th grade STEM III Context
Options: AP Computer Science Principles or
Dual Credit Advanced STEM Applications I & II
Dual Enrollment IB Career-Related Programme
- 12th grade STEM IV Practicum
Options: IB Biology II or AP Computer Science A or
Dual Credit Advanced STEM Applications III & IV
Dual Enrollment IB Career-Related Programme

Clubs:

- Model UN
- Youth and Government
- Amazon Sponsored First Tech Challenge STEM Club

Academy of Global Health and Science

Pathways:

Therapeutic Service

A three-year engaging and interactive pathway designed for students interested in pursuing careers in the many areas of the growing health care industry. The courses prepare students with the foundational knowledge and skills for careers in medicine, dentistry, physical therapy, pharmacology, nutrition, and many more established and emerging fields in the healthcare sector.

Pathway Courses:

- 10th grade- Health Science Education
Offers Industry Certification: OSHA10
- 11th grade- Anatomy and Physiology
Offers CPR Certification
Option: Dual Enrollment in IB Career-Related Programme
- 12th grade- Offer Industry Certification:
Certified Clinical Medical Assistant
Option: Dual Enrollment in IB Career-Related Programme

Sports and Human Performance

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.

Pathway Courses:

- 10th grade- Health Science Education
Offers Industry Certification: OSHA10
- 11th grade- Rehabilitative Careers
Offers CPR Certification
Option: Dual Enrollment in IB Career-Related Programme
- 12th grade- Exercise Science
Offer Industry Certification: Certified Personal Trainer
Option: Dual Enrollment in IB Career-Related Programme

Interdisciplinary Science & Research (ISR)

A four-year inquiry pathway in direct partnership with Vanderbilt Collaborative for STEM Education and Outreach. Students develop critically thinking skills and apply knowledge to real-world problems.

Pathway Courses:

- 9th grade- ISR I
- 10th grade-ISR II and Research I
- 11th grade- ISR III and Research II
Option: Dual Enrollment Environmental Studies I and
Dual Enrollment in IB Career-Related Programme
- 12th grade- ISR IV
Option: Dual Enrollment Environmental Studies II and
Dual Enrollment in IB Career-Related Programme

Club:

HOSA

US Community Credit Union Academy of International Business and Communications

Pathways:

Marketing Management

A three-year engaging and interactive pathway that prepares students for a career as a marketing manager. Students learn how to increase sales and profitability through market analytics. Students study market segmentation, market research, and take an in-depth look at all the facets of marketing.

Pathway Courses:

- 10 grade- Marketing Management I
Offers Industry Certification: Microsoft Office
- 11th grade- Social Media Analytics
Offers Industry Certification: Hootsuite
Option: Dual Enrollment in IB Career-Related Programme
- 12th grade- Advertising and Public Relations
Option: Dual Enrollment in IB Career-Related Programme

Banking and Finance

A three-year engaging and interactive pathway that prepares students for a career in financial and investment planning, banking, insurance, and business financial management. Students study deposits, lending funds, extending credit, and banking services which includes cash management, short-term investments, loans, credit cards, and bill payments.

Pathway Courses:

- 10th grade- Accounting I
- 11th grade- Banking and Finance
Option: Dual Enrollment in IB Career-Related Programme
and work-based learning with US Community Credit Union
- 12th grade- Financial Planning:
Option: Dual Enrollment in IB Career-Related Programme
and work-based learning with US Community Credit Union

Audio/Visual Production

A three-year interactive and performance pathway designed for students interested in a range of entertainment and news media fields including various broadcasting products, including commercials, music, news, and interactive programming.

Pathway Courses:

- 10th grade- Audio/Visual Production I
- 11th grade- Audio/Visual Production II
Option: Dual Enrollment in IB Career-Related Programme
- 12th grade- Audio/Visual Production III
Offers industry certification: Adobe Premiere Pro
Option: Dual Enrollment in IB Career-Related Programme

Clubs:

- DECA
- Skills USA
- National Tech Honor Society