



# International Baccalaureate Programs

## International Baccalaureate Diploma Program

The **International Baccalaureate Diploma Program** is designed to meet the highest standard required of any high school student in the world. Successful completion of the Diploma Program earns the student a diploma recognized for university admission throughout the world and for course credit and academic placement in 1000 leading colleges and universities in the United States.

The IB Diploma program is a system of syllabi and examinations based on the idea that general education at the upper secondary level should encompass the development of all the main powers of the mind through which the student interprets, modifies, and enjoys his/her environment.

Embracing the last two years of secondary education, the curricula of the Diploma Program incorporates standards that assume a high level of achievement during the prior years. The subjects are outlined according to six areas:

- Language A (English)
- Language B (Foreign Language)
- Individuals and Societies (Social Studies)
- Experimental Sciences
- Mathematics
- Arts and Humanities

In addition to the above courses, the IB Diploma Candidate must also take a unique course called Theory of Knowledge, participate in an intensive community service project, and write an extended essay.

**Theory of Knowledge (TOK)** is an interdisciplinary requirement intended to stimulate critical reflection on knowledge and experience gained inside and outside of the classroom.

**Community Action & Service (CAS)** requires the student to demonstrate creativity, action and service in relationship to school and community.

**Extended Essay (EE)** is 4000 words on a subject of their choosing.

<http://www.ibo.org>

## International Baccalaureate Career-related Program

The **International Baccalaureate Career-related Program** framework allows students to specialize in, and focus on a career-related pathway (STEM). The program's three-part framework comprises the study of at least two Diploma Program courses alongside career-related studies (STEM) and the distinctive IBCP core which is designed to create a bridge that connects each student's chosen Diploma Program courses and career-related studies (STEM).

For IBCP students, Diploma Program courses provide the theoretical underpinning and academic rigor of the program; career-related studies further support the program's academic strength and provide practical, real-world approaches to learning; and the IBCP core helps them to develop skills and competencies required for lifelong learning.

### Diploma Program courses

IB World Schools select a number of IB Diploma Program courses as part of the IBCP framework. These courses can come from any of the subject groups in the IB Diploma Program and may be studied at standard or higher level. It is possible to **study from two to four Diploma Program courses** depending on the nature of the student's career-related studies and timetable. The Diploma Program courses chosen should be relevant to the student's career-related studies.

### Career-related studies (STEM)

The career-related element of the program provides the opportunity for students to learn about theories and concepts through application and practice while developing broad-based skills in authentic and meaningful contexts. The career-related studies available at DHS are:

- **PLTW:** Biomedicine or Engineering
- **Academy for Technology Excellence:** Digital Design | TV Production | Game Simulations & Animation | Foundations of Web Design | Engineering by Design | Intro to Information Technology | Network Administrator