



IB ACADEMY CURRICULUM Advanced Coursework**

All students typically select at least one course from each subject group in the 9th and 10th grade.

Freshman (9th Grade)

- ⇒ Advanced English 1 or Ag/Science Adv English 1
- ⇒ Spanish 1 or 2 or French 1 or 2
- ⇒ **ELECTIVE or Ag/Sci Social Studies 1 (Ag/Sci Students only)
- ⇒ Enhanced Biology or Ag/Sci ENH Biology
- ⇒ Algebra 1 or 2 or Geometry
- ⇒ Physical Education IS MANDATORY in 9th Grade—2 years of PE are required for graduation

Sophomore (10th Grade)

- ⇒ Adv English 2 or Adv Ag/Science English 2
- ⇒ Spanish 2 or Spanish IB HL1 (H) or French 2 or French IB HL1 (H)
- ⇒ Adv World History or Ag/Science SS 2-Adv World History (Ag/Science Students)
- ⇒ Enhanced Chemistry or Ag/Science ENH Chemistry
- ⇒ Geometry or Advanced Algebra 2
- ⇒ PE or if 20 PE credits have been fulfilled, ELECTIVE**

* All Advanced and IB courses will be offered if there is adequate student enrollment.

(H) indicates an HONORS course and carries an extra grade point.

** To meet the UC/CSU A-G entrance requirements, students must take at least one year of a Fine Art or Performing Art. Students might also meet this requirement in the 10th grade or, if their schedule permits, in the 11th or 12th grade.



IB ACADEMY CURRICULUM IB Coursework

Students recommended by their teachers may choose from the courses listed below. Agricultural/Scientific Academy students may enter the IB Program at this level.

Junior (11th Grade)

- ◆ English IB HL1 (H)
- ◆ Spanish IB HL1 or HL2 (H) or French IB HL1 or HL2 (H)
- ◆ History of the Americas IB HL1 (H), Psychology IB SL (H) or Philosophy IB SL (H) or Cultural & Social Anthropology IB SL (H) as ELECTIVES
- ◆ Biology IB HL1 (H), or Physics IB SL(H) or Environmental Systems IB SL (H), or Chemistry IB SL (H)
- ◆ Advanced Algebra 2 or Advanced Math or Pre-Calculus (H) or IB Mathematics (H) or AP Calculus AB (H) or AP Calculus BC (H) or AP Statistics (H) or AP Computer Science A (H)
- ◆ Theory of Knowledge IB (H) (IB Diploma Only)
- ◆ CAS and Extended Essay (IB Diploma Only, not classes but requirements of the Diploma)

Senior (12th Grade)

- ◆ English IB HL2 (H)
- ◆ Spanish IB HL2 (H) or French IB HL2 (H)
- ◆ History of the Americas IB HL2 (H), Psychology IB SL (H) or Philosophy IB SL (H) or Cultural & Social Anthropology IB SL (H) as ELECTIVES
- ◆ Biology IB HL2 (H) or Physics IB SL(H) or Environmental Systems IB SL (H) or Chemistry IB SL (H)
- ◆ IB Mathematics (H) or AP Calculus AB (H) or AP Calculus BC (H) or AP Statistics (H) or AP Computer Science A (H)
- ◆ Theory of Knowledge IB (IB Diploma Only)
- ◆ CAS and Extended Essay (IB Diploma Only, not classes but requirements of the Diploma)



The International Baccalaureate Academy, An Internationally Recognized Curriculum and Examination

Tracy High School,
A California Distinguished School



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<https://www.tracy.k12.ca.us/sites/ths/ib/pages/default.aspx>



What is the IB Academy?

The International Baccalaureate (IB) Academy at Tracy High School offers a comprehensive and rigorous curriculum that meets internationally recognized standards. The curriculum is designed to prepare students for a university education. The primary objective of the IB Academy is to provide students with a balanced integrated curriculum in all academic areas. IB students may earn college credit by taking examinations at the end of the junior and/or senior year. The student who excels in the program demonstrates a strong commitment to learning and develops the discipline necessary to succeed in college.

Only schools officially approved by the International Baccalaureate Organization (IBO) are authorized to offer the curriculum and to present candidates for examination. Of the more than 2316 member schools in 206 countries, some 894 are public or private schools in the United States. Tracy High School was the third high school in California to be approved by the IBO and is one of 99 recognized International Baccalaureate high schools in California. Tracy High School has earned the designation IB World School and is a California Distinguished School.

What is the IB Course of Study?

The IB curriculum consists of six subject groups:

Language A: English

This includes the study of World Literature

Language B: Second Language
Spanish, French, or English B

Individuals and Societies:

History of the Americas, Psychology, Philosophy,
Cultural and Social Anthropology

Experimental Sciences:

Biology, Chemistry, Environmental Systems, and Physics

Mathematics:

Mathematics: Applications and Interpretations SL,
AP Courses: Calculus AB, Calculus BC, Statistics, and
Computer Science

IB Diploma Electives:

A second choice from **Experimental Science** or
Individuals and Societies.

IB Core (Required for IB Diploma Candidates):

Theory of Knowledge, CAS, Extended Essay



Open Enrollment

All academically talented and highly motivated students interested in a university education should take coursework in the IB Academy.

Enrollment in advanced classes is OPEN for THS zoned 8th graders who are recommended by their 8th grade teachers.

Inter/Intra district transfer students must apply for admission selection. Please go on-line <https://www.tracy.k12.ca.us/sites/ths/ib/pages/default.aspx> or contact the Tracy High School Academies Office, for further information with regard to minimum requirements or Inter/Intra district transfer procedures. Current THS students may enroll in academy classes upon the recommendation of their teachers and/or IB Coordinator. Applications for Inter/Intra district transfer students for the following school year are due in December, please see the THS Website.

Students are encouraged to participate in our fine arts program, athletics, community service and in a wide variety of clubs and organizations including Academic Decathlon, Mock Trial and Scientifically Speaking.

A serious approach to all coursework is essential for success in the IB Academy. IB coursework can be integrated with the *Agricultural/Scientific Academy* to meet the requirements of both programs. IB coursework fulfills the state requirements for high school graduation and the University of California (UC) and California State University (CSU) A-G requirements.

IB: Meeting the Challenge

At the end of the 10th grade year, students who are enrolled in pre-IB coursework and have met the performance standards with a "C" grade or better may be recommended to continue into upper level coursework in the 11th grade.

In the 11th grade, the IB Academy offers students three options:

- (1) to pursue an **IB Diploma**
- (2) to pursue a one or two-year program in one or more subject areas as a **certificated exam student**; or
- (3) to **take one or more IB classes** that will provide the student with college level work without taking an exam.

IB DIPLOMA CANDIDATES are required to take examinations from *each of the six subject groups*. Each examined subject is graded on a scale of 1 (minimum) to 7 (maximum). The award of the Diploma requires a minimum total of 24 points and the satisfactory completion of three additional requirements: an *Extended Essay*, the *Theory of Knowledge* course (which explores the relationships among the various subject disciplines) and CAS (Creativity, Action & Service) experiential learning activities.



Students who qualify for free or reduced lunch who are enrolled in an IB class and plan to take IB exams may be eligible for the IB test fee award.

The IB coordinator and counseling staff advise students about appropriate course options, college entrance exams (SAT, NMSQT and ACT) college requirements and applications.

A Way for Students and Parents to be Involved

Parent volunteers work closely with IB students, teachers and staff during written exams, oral language exams and activities. Parent volunteers are an essential component of a successful program at all grade levels of the Academy. Parents proctor written exams and orals and assist with support activities that encourage a cohesive program.

Afterward: University or College

College applications which indicate a senior's solid background in IB coursework and intent to sit for the exams have proven to aid in college acceptance. In addition to IB exams, Tracy High students have the opportunity to take numerous Advanced Placement (AP) exams.

Tracy High School IB Academy graduates have been accepted to these and many more colleges and universities: Harvard, Stanford, Massachusetts Institute of Technology (MIT), USC, UC Berkeley, UC San Diego, Yale University, UC Davis, Vassar, UCLA, Brown University, Princeton University, UC Santa Barbara, Cornell, UC Irvine, Brigham Young University (BYU), UC Santa Cruz, UC Merced, Swarthmore, Occidental, Cal Polytechnic University (Cal Poly), CSU Fresno, Duke University, CSU Sacramento, CSU Chico, University of the Pacific (UOP), CSU Stanislaus, CSU San Francisco, Claremont McKenna, Purdue, University of Nevada-Reno, University of North Carolina at Chapel Hill, Cal Tech, the Coast Guard Academy and the Air Force Academy. Our graduates are accepted across the country and at universities around the world, and let us know how they value their experiences in the IB Academy and Tracy High School. We are proud to see the success of our students as a testament to our program.

Helpful Websites

For additional information please go to:

www.ibo.org, IB Organization website

www.cawsib.org, California IB School site