

INTERNATIONAL BACCALAUREATE (IB) DIPLOMA

The International Baccalaureate (IB) Diploma is a rigorous pre-university course of studies, leading to examinations, which meet the needs of motivated secondary school students between the ages of 16 and 19 years. Designed as a comprehensive two-year curriculum enabling graduates to fulfill requirements of various national and international education systems, the diploma model is based on the pattern of no single country but incorporates the best elements of many. The program offers special features in addition to the traditional strengths of a liberal arts curriculum.

Theory of Knowledge (TOK) is a required interdisciplinary course intended to stimulate critical reflection upon the knowledge and experience gained inside and outside the classroom. TOK challenges students to question assumptions about knowledge, to be aware of subjective and ideological biases, and to develop a personal mode of thought, using analysis of evidence expressed in rational argument. A key element in the IB's educational philosophy, TOK seeks to develop a coherent approach to learning which transcends and unifies the academic subjects and encourages appreciation of other cultural perspectives.

Creativity, Action, Service (CAS) is a key requirement of the diploma curriculum. Students are required to earn hours among these three elements in order to develop awareness, concern, and the ability to work cooperatively with others. Students actively work with and for the communities in which they live.

The Extended Essay is another requirement for diploma candidates who must undertake original research and write an essay of 4000 words. Universities particularly favor this component of IB, as it replicates students' real-life experience on the collegiate level.

Coursework in for International Baccalaureate involves a two-year program that contains six academic areas. Subjects are studied concurrently, and students are exposed to the two great traditions of learning: the humanities and the sciences. Diploma candidates are required to select one subject from each of the six subject groups. At least three and not more than four are taken at **Higher Level (HL)**, the others are **Standard Level (SL)**. HL courses represent 240 teaching hours; SL courses cover 150 hours. By arranging work in this fashion, students are able to explore some subjects in depth and some more broadly over the two-year period.

All IB courses can be taken as individual IB Certificate offerings or as part of the full IB Diploma; each option offers potential college credit.

INTERNATIONAL BACCALAUREATE (IB) CERTIFICATE

Students **may also opt to take individual specific IB courses only, with the aim of earning individual course IB Certificates** for each course. **All courses offered with the diploma are also available for certificates**, though integrated Core components (the most highly-respected components recognized by university programs) are omitted. Certificate coursework for IB still involves Higher Level (HL) and Standard Level (SL) course options. HL courses represent 240 teaching hours; SL courses cover 150 hours.



Course Pathways for International Baccalaureate (IB)

The following list of FHS courses represents the course pathways available within each discipline to meet IB Programme requirements successfully. Please contact **IB Coordinator Jennifer Gabbard** (jgabbard@hse.k12.in.us) with any questions. (HL = Higher Level; SL = Standard Level)

GROUP 1—LANGUAGE A (HL only)	GROUP 5—MATHEMATICS (HL or SL)
Grade 9 English 9 Honors Grade 10 English 10 Honors Grade 11 IB English HL, year 1 Grade 12 IB English HL, year 2	<p style="text-align: center;">Options 1 & 2: Math Analysis & Approaches (AA)</p> Grade 9 Honors Algebra II Grade 10 Honors Pre-Calculus Grade 11 IB Math AA, Year 1 Grade 12 IB Math AA, Year 2 <i>Intended for students who wish to pursue post-secondary studies in mathematics or subjects that have a large mathematical content (i.e., engineering). Focused on developing mathematical arguments and exploring real and abstract applications.</i> <p style="text-align: center;">Options 3 & 4: Math Applications & Interpretations (Apps)</p> Grade 9 Honors Geometry Grade 10 Honors Algebra II Grade 11 IB Math Apps, Year 1 Grade 12 IB Math Apps, Year 2 <i>Designed for students who enjoy describing the real world and solving practical problems using mathematics, including exploration of mathematical models using technology.</i> **Core topics across all IB math pathways engage students in a detailed study of numbers & algebra, functions, geometry & trigonometry, statistics & probability, and calculus.
GROUP 2—LANGUAGE B (HL or SL)	
Grade 9 Spanish, French, or German II Honors Grade 10 Spanish, French, or German III Honors Grade 11 Spanish, French, or German IV Honors Grade 12 Spanish, French, or German AP/IB V **French Ab Initio** <i>An alternate path available for students with no French language courses prior to their junior year.</i> Grade 11 French I Ab Initio/Honors II Grade 12 French III Honors	
GROUP 3—INDIVIDUALS & SOCIETIES	
Grade 9 AP World History Grade 10 AP US History <p style="text-align: center;">Option 1: History of Europe HL</p> Grade 11 AP/IB European History Grade 12 Govt. & IB History HL <p style="text-align: center;">Option 2: IB Psychology HL</p> Grade 11 AP/IB Psychology SL Grade 12 IB Psychology HL <p style="text-align: center;">Option 3: IB Psychology SL</p> Grade 11 AP/IB Psychology SL <p style="text-align: center;">Option 4: Economics SL</p> Grade 11 AP/IB Microeconomics & AP/IB Macroeconomics <p style="text-align: center;">Option 5: IB World Religion SL</p> Grade 11 Comparative Religions & IB World Religion <p style="text-align: center;">Option 6: IB Global Politics SL</p> Grade 11 IB Global Politics SL	
GROUP 4—EXPERIMENTAL SCIENCES	
Grade 9 Honors Biology Grade 10 Honors Chemistry <p style="text-align: center;">Option 1: Biology HL</p> Grade 11 Dual Credit Anatomy/Physiology Grade 12 IB Biology HL <p style="text-align: center;">Option 2: Chemistry SL</p> Grade 11 IB/ACP Chemistry SL <p style="text-align: center;">Options 3: Physics HL</p> Grade 11 AP/IB Physics 1 Grade 12 AP/IB Physics 2 <p style="text-align: center;">Options 4: Physics SL</p> Grade 11 AP/IB Physics 1 Grade 12 AP/IB Physics 2	
GROUP 6—FINE ARTS	
For Group 6, student choose one of the fine arts pathways OR omit Group 6 and take an extra choice from Groups 2, 3, or 4 <p style="text-align: center;">Music HL or SL</p> Grade 9 & 10 Band, Choir, or Orchestra Grade 11 Band, Choir, or Orch. & Music Theory (HL) Grade 12 Band, Choir, or Orch. & Music History (SL & HL) <p style="text-align: center;">Film Study SL</p> Grade 11 IB Film Study SL <p style="text-align: center;">Theatre HL or SL</p> Grade 11 Theatre Arts I & II Grade 12 Theatre Arts III & IV and Tech Theatre <p style="text-align: center;">Art HL or SL</p> Grade 9 & 10 <i>At least two of: Drawing I or II, Painting I or II, Intro to 2D or 3D, Ceramics, or Sculpture</i> Grade 11 IB Visual Art, Year 1 Grade 12 IB Visual Art, Year 2	
THEORY OF KNOWLEDGE	
All IB Diploma students must take two semesters of TOK in the order below. TOK is optional for other students. Grade 11 Spring semester Grade 12 Fall semester	