

Diploma plan

2019

SLIDES ADAPTED FROM - and thanks to - ALLEN ISD & SHELLY HOLMES

Earning the IB Diploma: Complete IB coursework in 11th -12th grades

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1. **English** required HL English
 2. **Second language** at least through Level IV (Chinese, French, German, or Spanish) SL=4, HL=5
 3. **Individuals and Societies:** History HL or Econ SL/HL, Environmental Systems SL
 4. **Sciences:** Biology SL/HL, Chemistry SL/HL, Physics SL/HL, Environmental Systems (SL only-counts as group 3 or 4)
 5. **Math** Math Studies SL, Math SL/HL
 6. **The Arts** (Art, Theater, Dance, Computer Science or a second class in group 2,3,or 4)

- Take a Theory of Knowledge (TOK) course
- Research and write the Extended Essay
- Complete CAS (Creativity-Activity-Service) experiences

THINK ABOUT:

of SL tests-jrs

US History required in grade 11

4 years of science required

4 HLS/7 classes= generally bad idea

HL and SL courses

Hours of Instruction

- Higher Level (HL) = 240 hours (2 years)
- Standard Level (SL) = 150 hours (1 year)
- Students must take 3 HL and 3 SL courses, or 4 HL and 2 SL courses
- Students may test in 0,1,2 courses as a junior

Group I: Language & Literature HL

*All IB Diploma candidates take this course

Students learn about

- Language in cultural context
- Language and mass communication
- Historical, social, and cultural contexts in which texts are written and received
- Ethical stance and moral values of literary texts

Group II: Second Language

Offerings: **Chinese SL, French SL/HL, Spanish SL/HL**

- The IB requires its students to learn a second language
- Multilingualism is critical to cultural understanding
- Knowledge of multiple languages
 - ❖ Enhances global awareness
 - ❖ Puts the beliefs and customs of others into perspective
 - ❖ Allows for deeper exploration of the Ways of Knowing

Group III: Individuals & Societies

History HL, Econ SL/HL,
IBES

- **History HL** covers the History of the Americas. In addition, it covers 19th & 20th century Independence Movements, 20th Century Authoritarian States and the topic of civil Rights and protests in the U.S. and South Africa.
- The first year of HL History counts as your US History credit (required)
- **Economics SL/HL** focus on microeconomics, macroeconomics, international trade and economic development
- **Environmental Systems** can be Group 3 or 4 and focuses on pollution, global climate change, and ecosystems.

Group IV: Experimental Sciences

- **Science Biology SL/HL** - Cell biology, molecular biology, genetics, ecology, evolution and biodiversity, human physiology
- **Chemistry SL/HL** - Foundation of Chemical Reactions: atomic structure, periodicity, bonding, chemical equations, stoichiometry, organic
- **Physics SL/HL** - mechanics, thermal, waves, electromagnetism, atomic, energy

The IB believes that its Group IV subjects

- ❖ Give students tools to interpret what is happening in the world around them
- ❖ Make students critically aware of the ethical implications of science and technology
- ❖ Develop students' ability to analyze, evaluate, and synthesize information

Group V: Mathematics

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Math Applications SL/HL – Algebra II as prerequisite. Emphasis on modelling and statistics. Real mathematical problem solving using technology. For students interested in social sciences, natural sciences, medicine, statistics, business, engineering, some economics, psychology, and design.

Math Analysis SL/HL – Pre-calculus as prerequisite. Emphasis on algebraic methods, real and abstract mathematical problem solving. For students interested in engineering, physical sciences, some economics

All Group V courses enable students to

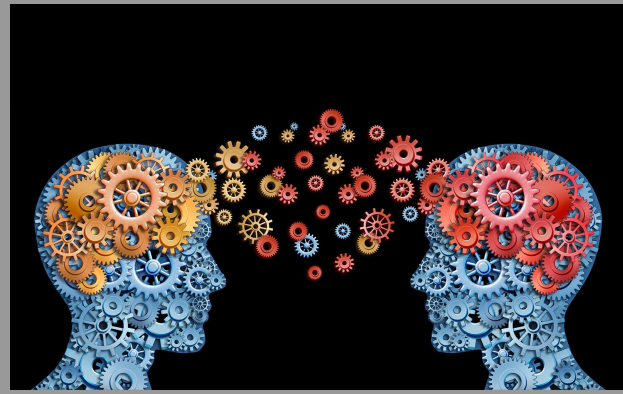
- ❖ Develop an appreciation of the elegance and power of mathematics
- ❖ Cultivate patience and persistence in problem-solving
- ❖ Appreciate the contribution of mathematics to other disciplines
- ❖ Refine their powers of abstraction and generalization

Group VI: The Arts



- **Visual Arts SL/HL:** art is prerequisite in 9th or 10th grade
- **Dance SL/HL:** dance is prerequisite in 9th or 10th grade
- **Theater SL/HL:** theater is prerequisite in 9th or 10th grade
- **Computer Science SL/HL**
- Group VI subjects enable students to
 - ❖ Express ideas with confidence and competence
 - ❖ Develop perceptual and analytical skills
 - ❖ Recognize their potential as musicians and artists
 - ❖ Value the diversity of the arts across time, place, and cultures

Theory of Knowledge (TOK)



How do we know what we claim to know?

- **2-year course about critical thinking and the process of knowing**
- **Students analyze knowledge claims and explore knowledge questions**
- **Year 1 is a lunchtime seminar that meets approximately 20 times**
- **Year 2 is a daily, year-long course**



The Extended Essay (EE)

- An independent, self-directed piece of research culminating in a 4,000-word dissertation
- The EE begins in November of 11th grade and is completed by January of 12th grade.
- Provides practical preparation for undergrad research •
- Supervised by our EE coordinator and an EE mentor (teacher of the subject of the EE)

Creativity-Activity-Service (CAS)

CAS strengthens and extends students' personal learning through

- **Creativity:** Exploring ideas leading to an original or interpretive product/performance
- **Activity:** Physical exertion contributing to a healthy lifestyle
- **Service:** Collaborative engagement with the community in response to an authentic need
- TOK teachers supervise CAS
- CAS experiences are entered in ManageBac
- Students design a CAS project which lasts one month from start to finish

Earning the IB Diploma

- Earn 24 (out of a possible 45) points from exam scores, TOK, and the EE & complete CAS
- Exams are scored 1-7; 7 is highest
- Coursework is assessed internally and externally
- TOK and the EE can earn 3 bonus points
- Particulars:
 - ❖ No 1s on any exam
 - ❖ No more than two 2s
 - ❖ No more than three 3s
 - ❖ At least 12 points must come from HL exams



Fun Statistics about the IB



- IB students are accepted into selective institutions at a 22% higher rate than non-IB students
- Acceptance rate of IB students into Ivy League schools is 3%–13% higher compared to the total population
- IB students start college with the habits of mind necessary for success (work ethic, motivation, time management, help-seeking)
- 65% of IB students matriculate within 4 years (compared to the national average of 35%)

An IB Diploma in Texas



Bill 111 guarantees that any student with an IB diploma be awarded at least 24 hours of course-specific credit for exam scores of 4 and above.

IB Programme Fees



- \$119 per exam
- \$172 candidate registration fee (one-time payment)
- Students who qualify for free or reduced lunch pay \$30 per exam + registration
- Payment plans for exams are available
- exam registration is always in October