

# FREQUENTLY ASKED QUESTIONS ABOUT THE IB PROGRAM AT JOHN ADAMS HIGH SCHOOL

## What is the mission and profile of an IB student?

- *The International Baccalaureate program aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.*
- *The programme encourage students across the world to become active, compassionate and lifelong learners who understand that other people, with their differences, can also be right.*
- **IB learners are:**
  - *Inquirers*
  - *Knowledgeable*
  - *Thinkers*
  - *Communicators*
  - *Principled*
  - *Open-minded*
  - *Caring*
  - *Risk-takers*
  - *Balanced*
  - *Reflective*

## When and how does the Diploma Programme work at JAHS?

- *Students accepted into the Magnet program take Honors and Honors Advanced courses in English, Math, Science and History in 9<sup>th</sup> and 10<sup>th</sup> grade.*
- *In 11<sup>th</sup> and 12<sup>th</sup> grade, students take IB courses across a range of subjects.*
- *Upon completion of each IB course, students take an exam which is assessed by international IB examiners.*
- *Scores are awarded for each course ranging from 1 (lowest) to 7 (highest)*
- *Diploma is awarded to students who earn at least 24 points (out of maximum 45 points)*
- *Students may elect not to pursue the full Diploma; these students take IB courses and IB exams, earning the IB Certificate instead of the IB Diploma.*

## What is the IB Diploma Programme curriculum?

- *Diploma candidates:*
  - *study 3 subjects at Higher Level (HL – 2 year course)*
  - *study 3 subjects at Standard Level (SL– 1 year course)*
  - *study interdisciplinary work in the Theory of Knowledge course*
  - *write a significant research paper called the Extended Essay*
  - *engage in community service, action and creative endeavors called CAS.*

## What subjects do IB students take?

- *Students take at least one course from each of 6 subject matter areas (note, in place of Group 6, students can add an additional course from Group 1-5):*
  - **Group 1** –English (literature)
  - **Group 2** –foreign languages: Spanish, French
  - **Group 3** - history, philosophy, geography, social and cultural anthropology
  - **Group 4** - biology, chemistry, physics, environmental systems & societies
  - **Group 5** - mathematical studies, mathematics standard and higher level
  - **Group 6** - music, visual arts

### **Explain the additional Diploma requirements.**

- *The Extended Essay is a 4000 word, independent research paper providing the opportunity for students to investigate a research question in detail and preparing students for college-level research and writing skills.*
- *Creativity, action and service (CAS) is a requirement that students participate in fifty hours each of artistic pursuits, physical activity and community service, ensuring that students are well rounded.*
- *Theory of knowledge course is an interdisciplinary course exploring the nature of knowledge across disciplines and encouraging an appreciation of other cultural perspectives.*
- **How are IB exams conducted?**
  - *In May of 11<sup>th</sup> and 12<sup>th</sup> grade, students take IB exams that are evaluated by international examiners to assure consistent scoring across IB schools around the world. All IB examiners are trained and checked through an international process.*
  - *Results for May exams are released in July*

### **When will we know if our child is accepted into the Magnet program at JAHS?**

- *The deadline for Magnet applications is December 15.*
- *Acceptance letters are mailed in January.*

### **What is the difference between IB and AP courses?**

- *Both IB and AP courses are college-prep classes through which students can earn college credit, depending on the policies of the specific college a student attends.*
- *IB courses emphasize critical thinking, writing, and problem-solving skills while AP courses emphasize learning specific information to pass the AP exam.*
- *IB provides a well-rounded curriculum, requiring advanced work across a range of subjects. In contrast, AP is a course-by-course program, with students selecting individual subjects in which to pursue advanced work.*
- *IB is an internationally recognized curriculum allowing students to attend IB schools in other countries if they participate in a high school foreign exchange program. IB also facilitates application to international universities.*

### **How much homework do IB students have?**

- *Generally, IB courses will require more work than other courses. IB Diploma candidates also complete the Extended Essay, the Theory of Knowledge course, and other requirements. As a result of the demands of the program, IB students at JAHS develop effective time-management skills and participate fully in sports and other extra-curricular activities.*

### **What support is available for IB students (tutoring, study tables, other)?**

- *All students at Adams have access to Study Tables in the Library hosted by several teachers daily from 3-4 pm on different subjects.*
- *Tutoring is available, and can include senior students, university students, and teachers who are willing to help.*

### **What are the benefits of an IB diploma?**

- *As a demanding, college-prep program emphasizing critical thinking and writing skills, the IB Diploma program provides an opportunity for enhanced college admission and college credit for IB coursework.*
- *College admissions representatives know that IB Diploma students are life-long learners with a mature world-view, ready for the challenges of college-level work.*
- *IB Diploma students can receive up to 30-hrs of credit in many universities and begin studies at the sophomore level*
- *For more, see <http://www.ibo.org/en/university-admission/recognition-of-the-ib-diploma-by-countries-and-universities/>*
- *IB Diploma students compete at the highest level for scholarships at various universities; JAHS students have won the Cox Scholarship at Indiana University, Bloomington and the Eli Lilly Scholarship.*

### **Where are JAHS IB students going to college?**

- *JAHS IB grads are found in Ivy League schools such as Harvard, Princeton, Yale and Columbia, as well as other private universities such as Duke University, Northwestern University, Johns Hopkins University, Washington University in St Louis, Brandeis University, Wake Forest University, New York University, Boston University, Georgetown University, Tulane University, Case Western University, Marquette University, University of Tampa, University of Richmond,, Butler University, and of course, the University of Notre Dame, as well as more local schools such as Holy Cross College, Goshen College, Bethel College, and Saint Mary's College.*
- *Recent grads are attending private colleges such as Swarthmore College, Pomona College in California, Reed College in Oregon, Sarah Lawrence College in New York, and Calvin College in Michigan.*
- *Recent grads are attending public universities such as IU-Bloomington, IU-South Bend, Purdue University, Ball State University, University of Wisconsin, University of Minnesota, University of California – Berkley, Penn State University, and Texas A & M University.*
- *Recent grads have attended and are attending universities abroad such as McGill University (Montreal, Canada) and University College Dublin (Dublin, Ireland).*

What are the IB Diploma trends at Adams?

**INTERNATIONAL BACCALAUREATE PROGRAM DATA**

	2008	2009	2010	2011	2012	2013	2014	2015
<b>Total Candidates</b>	62	66	76	129	157	149	179	188
<b>Diploma Candidates</b>	10	17	9	13	16	11	27	31
<b>Diplomas received</b>  * Several Diploma candidates competed at National Mock Trial championship and chose not to complete Diploma	7 (70%)	13 (76%)	3 (33%)	6 (46%)*	9 (56%)*	3 (27%)*	21 (78%)	23 (74%)*
<b>Students receiving Certificates</b>	55	53	73	123	148	146	157	166

**2015-2016 REGISTERED MAGNET/IB STUDENTS**

	<b>Diploma Candidates</b>	<b>Total</b>
<b>Grade 9</b>	-	232
<b>Grade 10</b>	-	203
<b>Grade 11</b>	58	166
<b>Grade 12</b>	48	162
<b>TOTAL</b>	106	763

## Career Pathway for: International Baccalaureate Magnet

### Four Year Plan

<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
Honors Courses	Honors Courses	IB Higher Level Magnet Courses	IB Higher Level Magnet Courses
English 9 Hon. Advanced Algebra I Honors Algebra II Hon. Advanced Biology Honors	English 10 Hon. Advanced Geometry Honors Geometry Hon. Advanced Chemistry I Honors	English HL Spanish HL History of the Americas HL Biology HL Online Math HL* Visual Arts HL Music HL	English HL Spanish HL History of the Americas HL Biology HL Online Math HL* Visual Arts HL Music HL
JA Pre-IB Magnet Courses	JA Pre-IB Magnet Courses	IB Standard Level Magnet Courses	IB Standard Level Magnet Courses
Algebra Regular Biology I World History & Civics World Geography & History French I-II Spanish I-II	Chemistry I Government Economics French II-III Spanish II-III	English B SL French II – IV, SL Spanish II-IV, SL Spanish Ab Initio Philosophy SL Geography SL Env. Sys.& Societies SL Chemistry SL Physics SL Math SL Math Studies SL Visual Arts SL Music SL Theory of Knowledge (S)	English B SL French II – IV, SL Spanish II-IV, SL Spanish Ab Initio Philosophy SL Geography SL Env. Sys.& Societies SL Chemistry SL Physics SL Math SL Math Studies SL Visual Arts SL Music SL Theory of Knowledge (F)
Electives Chosen From Below	Electives Chosen From Below		
Health C & C Band Orchestra	Band Orchestra PE		

\* The Online Math HL course requires families to pay an annual tuition fee to Pamoja Education. 2015 fees are \$1100 USD/year.

**INTERNATIONAL BACCALAUREATE COURSES AT  
ADAMS HIGH SCHOOL 2015-2016**

*FOR FULL DIPLOMA: Select 1 course from each group OR substitute a Group 6 course by adding a second course from Groups 1-5. Three (3) courses must be at Higher Level (HL).*

SL = Standard Level (1-year long). HL = Higher Level (2-years long).

	Grade 11	Grade 12
<b>Group 1 Language A</b>	<b>1145-6H English HL</b>	
	1145-6S English SL (1 yr.)	1147-8S English SL (1 yr.)
<b>Group 2 Language B</b>	<b>Spanish HL</b>	
	2727-8 S	<b>Spanish SL</b>
	2731-S	<b>Spanish Ab Initio</b>
	2027-8 I	<b>French SL (1 yr.)</b>
<b>Group 3 Individuals &amp; Societies</b>	5131-2 H	<b>History of the Americas HL</b>
	53312S	<b>Geography SL (1 yr.)</b>
	52512S	<b>Philosophy SL (1 yr.)</b>
<b>Group 4 Experimental Sciences</b> <i>(Env. Systems can also be used to fulfill Group 3 requirement)</i>	4033-4 H	<b>Biology HL</b>
	4331-2 S	<b>Env. Systems SL (1 yr.)</b>
	4435-6-S	<b>Chemistry SL (1 yr.)</b>
	4631-2 S	<b>Physics SL (1 yr.)</b>
<b>Group 5 Mathematics</b>	<b>2582 Mathematics HL (Online) – TUITION PAID BY STUDENT</b>	
	3431-2	<b>Algebra II Honors</b>
	3343-4 I	<b>3345I/354II</b>
<b>Group 6 The Arts</b> <i>(If Group 6 is not desired, students can choose to take a second subject from Grps 1-5)</i>	8352-3 H	<b>Music HL</b>
	8351-2 S	<b>Music SL (1 yr.)</b>
	6091-2 H	<b>Visual Art HL</b>
	6081-2 S	<b>Art History SL (1 yr.)</b>

Math Studies SL, in senior year = Probabilities and Statistics and Discrete Math.

Math SL in senior year = Calculus and Statistics.

**ADDITIONAL REQUIREMENTS FOR FULL DIPLOMA IB STUDENTS**

\*Theory of Knowledge (100 hours) + Creativity, Action and Service-150 hours are required for full diploma students. Begins summer before junior year and must be finished by spring senior year + Extended Essay begins fall of junior year and must be completed by spring of senior year.