




NHS IB Diploma

Program (DP) Overview

(November 2015)

- Academically-challenging and balanced, cross-curricular program of education
 - Program, one which is normally taught over two years, grades 11 and 12 in the U.S
 - Program gained -- and gaining -- recognition and respect from the world's leading universities
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DP Overview continued...

- Students study six courses at higher level or standard level
- At least 3 of the 6 courses must be taken at the higher level (HL) for the Diploma Program
(Note: maximum but not atypical = 4 HLs)
- Students must choose one subject from each of groups 1 to 5, thus ensuring breadth of experience in languages, social studies, the experimental sciences, and mathematics.
- The sixth subject may be an arts subject chosen from group 6 **or** the student may choose another subject from groups 1 to 5



DP Overview continued

- Program has three core requirements that are included to broaden the educational experience and to challenge students to apply their knowledge and understanding:
 - 1) Extended Essay (EE)
 - 2) Theory of Knowledge (TOK)
 - 3) CAS (Community, Action, and Service)

EE / TOK / CAS

- **The Extended Essay** is a requirement for students to engage in independent research through an in-depth study of a question relating to one of the subjects they are studying.
- **Theory of Knowledge** is an epistemological course designed to encourage each student to reflect on the nature of knowledge by critically examining different ways of knowing (perception, emotion, language and reason) and different kinds of knowledge (scientific, artistic, mathematical and historical).
- **Creativity, Action, Service** requires that students actively learn from the experience of doing real tasks beyond the classroom. Students can combine all three components or do activities related to each one of them separately.






Assessment

- Many internal and external assessments tasks for each course occur in the school, which are either initially marked by teachers and then moderated by external moderators or sent directly to external examiners.
- These **multiple, varied, ongoing, and authentic assessments** differ by subject areas and level of the course (i.e., higher or standard).
- Written examinations (May “tests”) come at the end of the program and are all marked by external IB examiners.



Assessment continued...

- In each subject students' assessments will be evaluated; in each course they will earn a mark of 1-7. These number marks are similar to AP marks that colleges evaluate on a course basis for respective college credit.
- The diploma is awarded to students who gain at least 24 points and meet certain thresholds (see IBO website for full details).



What does this look like on a daily basis?

- IB DP students push themselves in six college-readiness courses (in multiple academic areas of advanced study) and commit to all aspects of the *program*
- Helps students learn how to work with one another in and through multiple disciplines
- Requires students to follow own inquiries and interests through project and group-based learning opportunities

How will this Program look at NHS for **2016-18**?

- ➔ **Group 1** – IB English (HL)
- ➔ **Group 2** – IB French, IB German, and IB Spanish (HL and SL offerings in each subject)
- ➔ **Group 3 option** – IB History (year one = SL and year one and two + HL)
- ➔ **Group 3 option** – IB Psychology (one-year SL)

How will this Program look at NHS for **2016-18**?

- **Group 4** – IB Chemistry HL, **Biology HL**, and IB Sports, Exercise and Health Science SL;
(note: not all the material in the PPT reflects the reintroduction of Biology as a potential option for 2016-18 cohort, if enough interest exists to run this course)
- **Group 5** – IB Math HL (two-year), IB Math SL (two-year), and IB Math Studies (one-year)
- **Group 6** – IB Visual Arts (one-year SL with portfolio or two-year SL and HL options)
- + **TOK/CAS/EE** (next slide)

How will this Program look at NHS for **2016-18**?

Common IB DP Seminar – currently Rast and Cislo

TOK (Note: class will meet face-to-face during one seminar rotation each week), Dr. Davis

CAS, Mr. Cronin

EE, Mr. Ortopan

What about AP?

- ▶ IB DP has not and will not replace AP at NHS, as it provides another college readiness opportunity at NHS, an option that directly extends the MYP framework and matches certain learner profile traits
- ▶ Some students may elect to enroll as Diploma Program “Course” students and many of these students take a mixture of IB DP and AP courses (note: formerly known as “certificate” students: these “a la carte” courses/students will work similarly to our current AP offerings)

What about AP? (continued)

- IB DP courses work in a more interconnected and cross-discipline manner than individual AP and non-IB DP courses
- IB DP courses include a variety of external and internal (continuous) assessments throughout the course of study, in contrast to the typical one three-hour AP test (note: AP still needs years of research and practice to move in this direction)
- Focus on learning (favors IB to some degree) and on college credit (favors AP to some degree): placement and college readiness are common elements in both IB and AP
- The full Diploma Program is arguably the most beneficial as it mandates the most comprehensive in terms of depth in subjects and breadth across subjects (see slide 19 in 2011 research at <http://www.ibo.org/globalassets/publications/recognition/dpdestinationsurveyus.pdf>)

School Report

Optional Report

Mid Year Report

Final Report

Incomplete

▶ Class Rank ✓

▶ GPA ✓

▼ Curriculum

In comparison with other college preparatory students at your school, the applicant's course selection is *

Average x ▾

Is the applicant an IB Diploma Candidate? *

Yes

No

[Clear](#)

[Back](#)

Continue

▶ Ratings ✓

▶ Disciplinary History ✓

▶ Written Evaluation ✓

▶ Transcripts

Incomplete

Required questions


Each required question shows a red asterisk. This means these questions are required in order to su ... [+]

[\[more\]](#) ↗

Recommendation deadlines

The School Report and any additional components (ED Agreement, etc.) should be submitted or postmar ... [+]

[\[more\]](#) ↗



Take-away: Excellent preparation and *practice* for university

- Highly competitive colleges and honors colleges within competitive schools look favorably on both AP and IB courses (see link in prior slide)
- some data shows in the most competitive schools IB DP students have a measurable advantage
- This appreciation of the overall program is evidenced in part by the Common Application itself (see prior slide that has no comparative AP button)

		9 th Grade	10 th Grade	11 th Grade	12 th grade
Group 1 Language A1: English	Compulsory	(Honors) English 9	Honors English 10	IB HL English 1	IB HL English 2
Group 2 Language B: Language Acquisition	Option 1	Spanish 2	Spanish 3 (2015-16: H also available)	IB HL Spanish 1 (2015-16: cross-listed as AP Spanish 1)	IB HL Spanish 2 (2016-17: cross- listed as AP Spanish 2)
	Option 2	Spanish 2	Spanish 3 (2015-16: H also available)	IB SL Spanish 1 (2015-16: cross-listed as AP Spanish 1)	IB SL Spanish 2 (2016-17: cross-listed as AP Spanish 2)
	Option 3	French 2	French 3 (2015-16: H also available)	IB HL French 1 (2015-16: cross-listed as AP French 1)	IB HL French 2 (2016-17: cross- listed as AP French 2)
	Option 4	French 2	French 3 (2015-16: H also available)	IB SL French 1 (2015- 16: cross-listed as AP French 1)	IB SL French 2 (2016-17: cross-listed as AP French 2)
	Option 5	German 2	German 3 (2015-16: H also available)	IB HL German 1 (2015-16: cross-listed as AP German 1)	IB HL German 2 (2016-17: cross- listed as AP German 2)
	Option 6	German 2	German 3 (2015-16: H also available)	IB SL Spanish 1 (2015-16: cross-listed as AP German 1)	IB SL Spanish 2 (2016-17: cross-listed as AP German 1)

<p>Group 3 Individuals & Societies</p> <p>* As you plan your four-year plan of study, make certain that you have enrolled in or planned for Economics and Civics; SL groups 3 courses run for one year; IB History Year 1 counts for World History graduation credit</p>	Option 1	9 th -grade Social Studies option	Econ / Civics and/or APUSH	IB History SL (2015-16: one-year course can be taken at 11 th or 12 th grade level)	IB History SL (2016-17: one-year course can be taken at 11 th or 12 th grade level)
	Option 2	9 th -grade Social Studies option	Econ / Civics and/or APUSH	IB History HL 1 (2015-16: year one of HL is the SL course and must be taken in 11 th grade)	IB History HL 2 (2016-17: year two of HL must be taken during 12 th grade)
	Option 3	9 th -grade Social Studies option	Econ / Civics and/or APUSH	IB Psychology SL (2015-16: one-year course should be taken at 11 th grade; see note about HL Pamoja offering for year 2)	IB Psychology SL (2016-17: one-year course will be offered based on enrollments)
<p>Group 3 Individuals & Societies Continued</p>					
<p>Group 4 Experimental Sciences</p> <p>* As you plan your four-year plan of study, remember that SL SEHS is a 1.5 year course.</p>	Option 1	Biology	10 th -grade Science option	IB SL Sports, Exercise, and Health Science 1 (2015-16: 1.5 year course to begin spring 2016, pending board approval)	IB SL Sports, Exercise, and Health Science 2
	Option 2	Biology	10 th -grade Science option (Honors Chemistry preferred)	IB HL Chemistry 1	IB HL Chemistry 2

**Group 5
Mathematics &
Computer Science**

*As you plan your four-year plan of study, remember that while the SL Math courses runs for two years, SL Math Studies runs for one year

Option 1	Honors Algebra 2	Honors Geometry	IB HL Math 1	IB HL Math 2 (Note: Calculus BC equivalency)
Option 2	Geometry or Honors Algebra 2	Algebra 2 or Honors Geometry	IB SL Math 1 (Note: Pre-Calculus equivalency)	IB SL Math 2
Option 3	Geometry	Algebra 2	IB SL Math Studies (2015-16: one-year course for students with Algebra 2 credit; offered based on enrollments)	IB SL Math Studies (2016-17: one-year course for students with Algebra 2 credit; offered based on enrollments)

Group 6

* As you plan your four-year plan of study, remember that this SL Group 6 course runs for one year

Option 1	Art elective preferred	Art elective preferred	IB Psychology SL (2015-16: one-year course should be taken at 11 th grade)	IB Psychology SL (2016-17: one-year course will be offered based on enrollments)
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11th grade “Liberal Arts/Humanities” 12th grade

Sem 1	Sem 2	Sem 1	Sem 2
Y1 English HL 1	Y1 English HL 1	Y2 English HL 2	Y2 English HL 2
Y1 Spanish HL 1	Y1 Spanish HL 1	Y2 Spanish HL 2	Y2 Spanish HL 2
Y1 History HL 1	Y1 History HL 1	Y2 History HL 2	Y2 History HL 2
(Humanities) Elective	Y1 SL Sports, Exercise, and Health Science 1 (Spring Semester)	Y2 SL Sports, Exercise, and Health Science 2	Y1 SL Sports, Exercise, and Health Science 2
Algebra 2	Algebra 2	SL Math Studies	SL Math Studies
Psychology SL	Psychology SL	(Humanities) Elective	(Humanities) Elective
(Humanities) Elective	(Humanities) Elective	(Humanities) Elective	(Humanities) Elective

Legend:

SL – Standard Level – delivered over 1, 1.5, or 2 years (see specific course descriptions)

HL – Higher Level – delivered over 2 years

11th grade

“STEM”

12th grade

Sem 1	Sem 2	Sem 1	Sem 2
Y1 English HL 1	Y1 English HL 1	Y2 English HL 2	Y2 English HL 2
Y1 French SL 1	Y1 French SL 1	Y2 French SL 2	Y2 French SL 2
History SL 1	History SL	(STEM)Elective	(STEM)Elective
Y1 HL Chemistry 1	Y1 HL Chemistry 1	Y1 HL Chemistry 2	Y1 HL Chemistry 2
Y1 Math HL 1	Y1 Math HL 1	Y2 Math HL 2	Y2 Math HL 2
(STEM)Elective	Y1 SL Sports, Exercise, and Health Science 1 (Spring Semester)	Y2 SL Sports, Exercise, and Health Science 2	Y2 SL Sports, Exercise, and Health Science 2
(STEM)Elective	(STEM)Elective	(STEM)Elective	(STEM)Elective

Legend:

SL – Standard Level – delivered over 1, 1.5, or 2 years (see specific course descriptions)

HL – Higher Level – delivered over 2 years

11th grade

“Band/Choir”

12th grade

Sem 1	Sem 2	Sem 1	Sem 2
Y1 English HL 1	Y1 English HL 1	Y2 English HL 2	Y2 English HL 2
Y1 German HL 1	Y1 German HL 1	Y2 German HL 2	Y2 German HL 2
Open Elective	Open Elective	History SL	History SL
Y1 HL Chemistry 1	Y1 HL Chemistry 1	Y1 HL Chemistry 2	Y1 HL Chemistry 2
Y1 Math SL 1	Y1 Math SL 1	Y2 Math SL 2	Y2 Math SL 2
Economics SL (Pamoja)	Economics SL (Pamoja)	Open Elective	Open Elective
Elective (i.e. Band or Choir)	Elective (i.e. Band or Choir)	Elective (i.e. Band or Choir)	Elective (i.e. Band or Choir)

Legend:

SL – Standard Level – delivered over 1, 1.5, or 2 years (see specific course descriptions)

HL – Higher Level – delivered over 2 years

Reminder of Student Expectations

- Students will need to work with their counselors and with the IB Diploma Program Coordinator to ensure all course sequence and graduation requirements are satisfied
- The required application for the full Diploma Program asks for students to prove the following:
 - 1) Potential for practice and performance
 - 2) Interest in Diploma Program
 - 3) Understandings of expectations of DP



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