

Course sequences and options for IB students at Eastside High School

IB exams are taken in the 11th and 12th grade years. IB Diploma candidates must create a schedule that allows them to take 3 HL and 3 SL exams (the recommended path), or 4 HL and 2 SL exams (the more difficult path) between their 11th and 12th grade years. The IB coordinator and IB teachers work with all IB students in this decision process starting in the 10th grade pre-IB year. This document outlines the course sequences offered in the Eastside IB Diploma Program. **Please note that the Pre-IB curriculum is geared toward preparing students for the IB curriculum; therefore, all Pre-IB courses MUST be taken in person at Eastside.**

IB HL courses require 240 hours of contact time between teacher and student, and SL courses require 120 hours. HL exams are only taken by seniors. IB expects that at least one SL course be taken for an entire two years. At Eastside, this is usually achieved through the Group 2 language class, but for many students, it also fits IB Biology and Chemistry classes as well. **Please note that all IB classes MUST be taken in person at Eastside. Classes taken at a university (dual enrollment) CANNOT count for IB diploma credit or assessments.**

A student must take an exam in each of the 6 IB Group (subject) areas. Group 6 (Arts) exams are optional. If a Group 6 exam is not taken the student must replace it with a second exam chosen from Groups 2, 3, or 4. All Eastside IB students are required to take the Group 1 HL exam. Students can take 2 exams from one Group as long as they are not the same subject area: for example, a student could not count both SL Chemistry and an HL Chemistry, or both SL Music and an HL Music, but they can count IB SL Physics and IB HL Biology, or IB SL Psychology and IB HL History.

Additionally, all IB students are registered for Theory of Knowledge (ToK) in their junior and senior years, although it is not taught as a daily class. ToK activities start in the junior year. Between their junior and senior years, students also complete the requirements of the Extended Essay and CAS requirements (Creativity, Activity, and Service).

Exams in **RED** indicate ones which students must choose or have the option to choose to take to meet the diploma requirements. A double arrow (← ---→) indicates a course or exam that can be taken in any of the years indicated by the arrows.

While these sequences will apply to most students, special circumstances may dictate a modification for an individual student. Regardless, all students will follow a schedule that will provide them an opportunity to achieve the IB Diploma.

GROUP 1 (Language A Literature)

Eastside students are required to take the IB HL English exam.

Students who are multi-lingual may try to earn the IB Bilingual Diploma. Pursuing that special diploma requires approval by the Coordinator and senior English teacher and requires students to study literature in both English and their native language provided we have a mentor on campus who is fluent in the language. These students do not take Group 2 Spanish or French the senior year.

9th	10th	11th	12th
Pre-IB English	AP English Language	AP English Literature	IB HL English

GROUP 2 (Language Acquisition/Language B)

Students will choose between French or Spanish and most will take the SL exam their senior year after four full years of language study. Native speakers of either of these two languages must elect to study the other language, not their native tongue.

Incoming 9th graders will be offered an opportunity to take a language proficiency exam at Eastside at the end of their 8th grade year. If they qualify, they can be placed in the Pre-IB level 2 class.

9 th Pre-IB French 1	10 th Pre-IB French 2	11 th IB French 3	12 th IB SL French 4
Pre-IB French 2	Pre-IB French 3	IB SL French 4	OR IB HL French 5
Pre-IB Spanish 1	Pre-IB Spanish 2	IB Spanish 3	IB SL Spanish 4
Pre-IB Spanish 2	Pre-IB Spanish 3	IB SL Spanish 4	OR IB HL Spanish 5

**With special permission from the instructor, students may take the HL version of the language in the 4th year.*

GROUP 3 (INDIVIDUALS AND SOCIETIES)

Students have a number of options in this group. They can elect to take history all four years in which case they would be expected to take the IB HL Contemporary History exam (with a regional focus on the Americas) or they can combine history courses with studies in psychology and/or environmental studies which may be taken as IB SL exams. Students at Eastside are NOT required to take HL history but, in that case, they would have to complete one of the other SL Group 3 subjects.

Eastside students must take AP history courses in grades 10 and 11. The AP US History course serves as the first year of the optional IB HL Contemporary History course. Contemporary History will have an Americas regional focus.

Students may take the AP Environmental Science starting in 10th grade ***but this choice prohibits them from taking the equivalent IB course in Environmental Systems and Societies.*** Thus, choosing to take these classes as AP could result in a student having to take HL History in order to complete the Diploma requirements, *so it is often wise not to choose these classes as electives in grade 10.* Likewise, students who have taken IB Environmental Systems and Societies are excluded from later taking the AP equivalent course. Colleges will not award double credit for AP and IB courses bearing the same names.

Additionally, students may take AP courses in government, human geography and economics as electives. We do not offer IB exams in these fields.

Finally, IB allows Environmental Systems and Societies to count as either a Group 3 (Social Studies) or Group 4 (Science) subject.

9 th AP Seminar	10 th AP World History	11 th AP US History	12 th IB HL Contemporary History
		IB SL Psychology <----->	
(cannot do AP Environmental)		IB SL Environmental Systems <----->	
AP Environmental Science <----->			
AP Human Geography <----->			
AP Microeconomics/Government <----->			

NOTE: students taking IB Psychology or IB Environmental Systems may take AP tests in these areas but will have to pay for them as the District will only pay for one test.

It is not recommended that students take AP Microeconomics/Government in their 9th grade year.

AP Human Geography is a highly recommended elective for grades 9 or 10.

AP Research is a follow-up course to AP Seminar and makes a good elective choice for 10th graders. Taking AP Research opens the door for students to earn the AP Capstone diploma while staying on track for the IB diploma.

GROUP 4 (SCIENCES)

Science options are extensive, allowing for students to gain a solid knowledge base in the four major areas of study (biology, chemistry, physics, and environmental studies) or pursue a smaller number of selected ones in greater depth. It is challenging, but not impossible, for students to take two HL exams in Group 4, e.g., HL Biology and HL Chemistry.

Please note that IB HL science courses provide one college lab credit. IB students are strongly encouraged to take IB sciences rather than AP science courses for this reason, in addition to the fact that IB science courses create a deeper understanding of the nature and creation of scientific knowledge.

Biology and Chemistry will be taken over two years in order to provide students with the time and practice needed for successfully completing science assessments. This means that students will complete their Group 4 tests in the senior year in these subjects. Students are highly encouraged to pursue an HL Group 4 exam, but this is optional. Students can elect to additionally take AP science equivalent tests in their senior year at their own expense. This will require additional studying on their part.

AP Statistics is a very useful class to take before entering into the IB Group 4 courses.

9 th Pre-IB Biology	10 th Pre-IB Chemistry	11 th IB Biology 1	12 th IB SL Biology 2 <i>OR</i> IB HL Biology 3
		IB Chemistry 1	IB SL Chemistry 2 <i>OR</i> IB HL Chemistry 3

11th

12th

IB SL Physics 2 <----->

(cannot do AP Environmental)

IB SL Environmental Systems <----->

AP Environmental Science ----->

GROUP 5 (MATHEMATICS)

There are three basic tracks for Group 5. Students who have taken Algebra 1 in middle school would likely follow this one:

9 th Pre-IB Geometry	10 th Pre-IB Algebra 2	11 th AP Statistics <i>OR</i> Pre-IB Pre-Calculus	12 th IB SL A & I <i>OR</i> IB SL A & A
------------------------------------	--------------------------------------	---	---

For students who took Geometry in middle school, a likely track is:

9 th Pre-IB Algebra 2	10 th Pre-IB Calculus <i>OR</i> AP Statistics	11 th IB SL A & A <i>OR</i> IB SL A & I	12 th AP Calculus BC Possibly AP Calculus AB
-------------------------------------	---	---	---

NOTE: AP Statistics is recommended as an additional math elective for students planning careers in research, science, engineering, business, education, etc. It can be taken at any grade level.

For students who have taken BOTH Algebra 2 and Geometry in middle school, tracks are:

9 th Pre-IB pre-Calculus	10 th AP Calculus AB	11 th IB SL A & A <i>OR</i> AP Calculus BC	12 th UF Dual Enrollment* IB HL A & A
--	------------------------------------	--	--

*Students who take an in person dual enrollment class will have to leave campus, so we schedule UF Dual Enrollment to take the place of the 6th period class. Students who take an online dual enrollment class will be enrolled in the eSchool lab at Eastside if they take the online class during school hours.

++ Students who want to take IB HL Math might choose to take AP Calc BC in 11th grade rather than the SL IB exam. However, please seek advice from the IB A & A math teacher before registering.

NOTE: Students who take math courses during the summer would be eligible to then take a higher-level math class at Eastside in the fall. We would need to receive verification that a student took and passed such a class before a schedule change could be made. For example, a 10th grader who takes an AP Calculus AB class in the summer could move into the AP Calculus BC class in 11th and then take the HL Math as a senior. However, we do NOT encourage students to take online math classes as they tend to lack the depth obtained in a face-to-face class. We also discourage students from getting too far ahead in math; a growing amount of research suggests that younger students may not be developmentally ready to fully comprehend higher mathematics.

We do not have sufficient numbers of advanced math students to offer a separate math class beyond the level of Calculus BC. Students who take the HL Math exams therefore do a fair amount of independent study under the supervision of the HL math teacher. Students CANNOT take more than one IB math exam (must choose A&A or A&I) because they cannot count two different IB maths towards their Diploma.

GROUP 6 (THE ARTS)

IB Diploma students are NOT required to take courses in Group 6. However, if they choose not to do a Group 6 course, they must then replace it with an additional course selected from Groups 2, 3, or 4.

Group 6 courses are offered at both the SL and HL levels.

IB Visual Arts, IB Music, and IB Theater courses will be taken over two years in order to complete the Arts assessments. HL Visual Arts students must have teacher approval as the assessments are considerably involved and time-consuming.

The Group 6 teachers strongly recommend that students take appropriate elective classes (see below) in the 9th and/or 10th grade years to provide a foundation for IB level coursework, and consult with the particular arts teacher prior to signing up for an IB level course. Arts teachers will personally evaluate individual students to determine whether they are sufficiently skilled and knowledgeable to handle IB work. It is the obligation of students to arrange such evaluations with these teachers.

9th Art III Honors	10th Draw-3 Honors (required for IB Art)	11th IB Visual Arts 1	12 th IB SL Visual Arts 2 OR IB HL Visual Arts 3
Pre-IB Theatre III	(Pre-IB Theatre IV)	IB Theatre 1	IB SL Theater 2 OR IB HL Theatre 3
(Theatre I or II is a less preferred background)			
Chorus or Band (not required but helpful) OR Member ACYO or private lessons (teacher evaluation required)		IB Music 1	IB SL Music 2 OR IB HL Music 3