

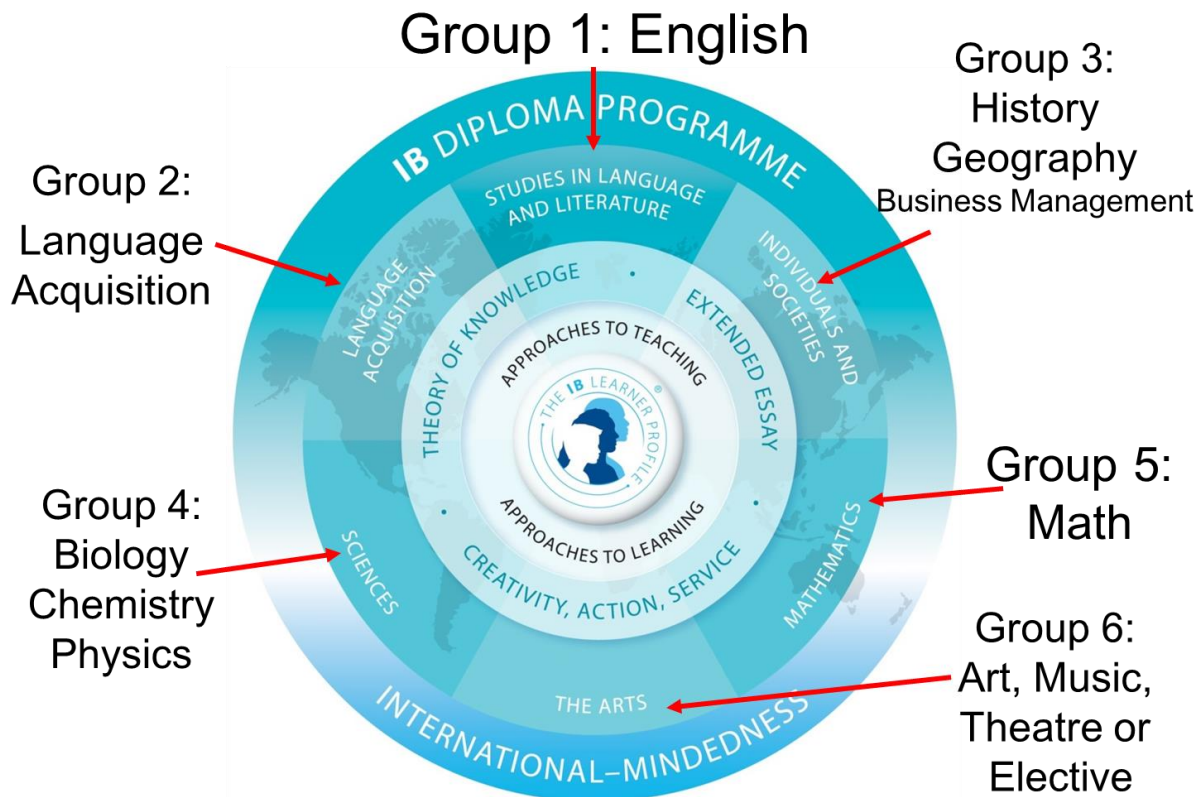
Information for Rising 10th Grade Students for Course Registration

The following information is to assist you with course registration. Please review this information carefully.

Typical pre-IB Schedule Sophomore Year:

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|---|---------|
| 1.) AP English Language & Composition | GROUP 1 |
| 2.) French 2 pre-IB or Spanish 2 pre-IB | GROUP 2 |
| 3.) AP European History | GROUP 3 |
| 4.) Chemistry pre-IB | GROUP 4 |
| 5.) Algebra II Honors or Algebra II Regular | GROUP 5 |
| 6.) Elective (as long as you pass FSA) | |
| 7.) Another Elective | |

The Core Curriculum



MATH OPTIONS: Please read section depending on what math course you are in currently

- A. **Students currently in Algebra 2 Honors in 9th grade:** Students will take IB Pre-calculus in 10th grade.
- B. **Students who are currently in Geometry Honors in 9th grade:**
- You will take either Algebra 2 Honors or Regular. Teachers will recommend Algebra 2 placement based on results in Geometry class and on the EOC exam which is consistent among the district. Please note that teacher recommendations are only made for the best interest of the student. Students who take Algebra 2 Regular will automatically take IB Math Studies track in 11th and 12th grade. The Algebra 2 Regular class will cover significantly less material than the Honors course and students will not be prepared to move to IB Pre-Calculus in 11th grade. See Math Studies vs. Pre-Calculus below.
- C. **Currently in Algebra 1 Honors in 9th grade:**
- Students must take Geometry Honors on-line and complete the whole course before school begins next fall. Please see IB counselor, Ms. Simmons, for more information by April. Also, students must take the Geometry EOC during the week of July 28 or in December to receive Geometry credit. Students must notify Ms. Brewer once you have completed Geometry on-line otherwise you will be take double math in 10th grade.
 - Students may take Geometry Honors and Algebra 2 in 10th grade if the on-line course is not possible with your summer schedule. Please register for both math classes if this is the best option.
 - Teachers will recommend Algebra 2 placement based on results in Algebra 1 class and on the EOC exam. Taking Regular Algebra 2 will mean that the student will complete the IB Math Studies track in 11th and 12th grade. See below for description of options.

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What is Math Studies vs. IB Pre-Calculus?

A. Math Studies – designed for students whose college and career choices require very little mathematics/science and who will not take Calculus in college (business, history, journalism, psychology). This course will be followed by IB Statistics in your senior year.
B. IB Pre-Calculus – designed for students whose college and career choices require Calculus in college (finance, neuroscience, medical fields, engineering).

- IB Pre-Calculus (AB track) – designed for students whose college and career choices require AB Calculus (Calculus 1) in college. For students who plan to pursue subjects such as chemistry, neuroscience, economics, etc., it is recommended that they select one of the IB Pre-Calculus courses pending on interest and university aspirations. This course will be followed by AP AB Calculus (Math SL).
- IB-Pre-Calculus (BC track) – designed for students whose college and career choices require BC Calculus in college. For students who plan to pursue subjects such as engineering, this track is recommended. Also, course selection should be based on interest and university aspirations. This course will be followed by AP BC Calculus.

3. If currently in IB Pre-Calculus as a 10th grade student, there are two possibilities for the 11th grade year as well:

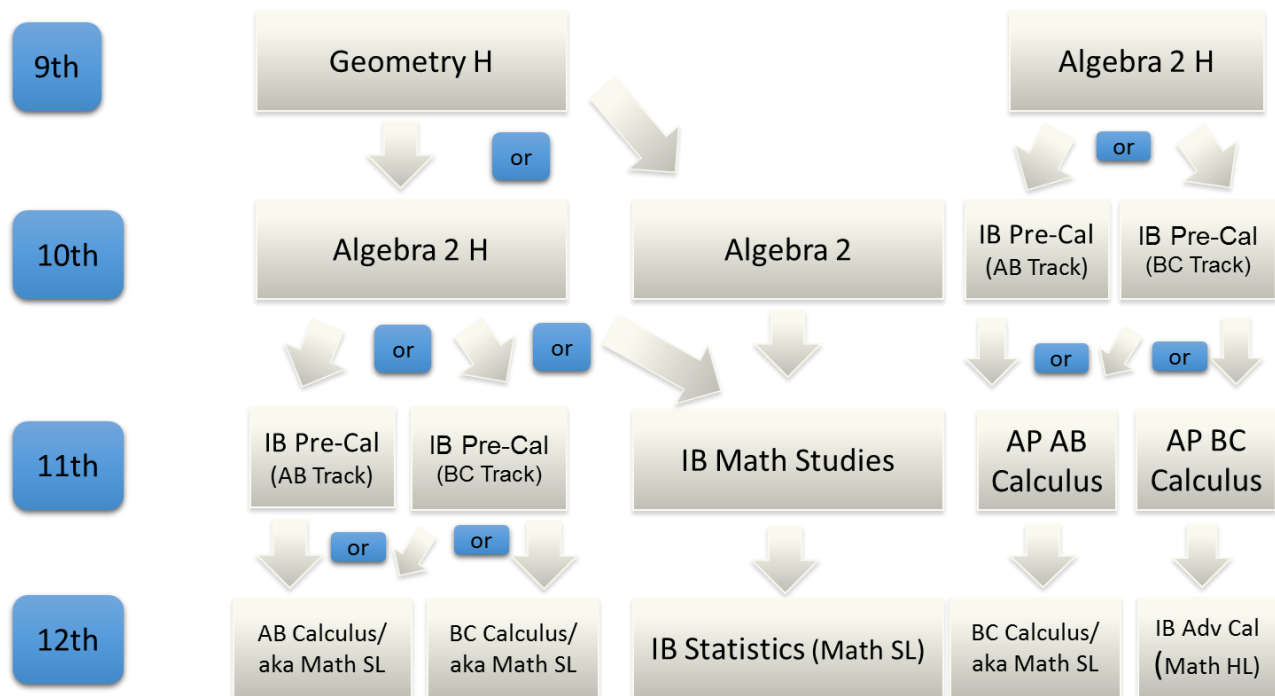
A. AP Calculus AB – this course covers approximately $\frac{3}{4}$ of Calculus 1 at the University of Florida. Students will take AP Calculus BC exam their senior year which will complete Calculus 1 and 2 at UF.

B. AP Calculus BC – this course will complete both Calculus 1 and 2 at the University of Florida and is an expected course for students planning to major in engineering. This course will also cover all of the expected material on the MCAT.

- Students will take IB Math HL after AP BC Calculus.

(Please e-mail or see Mrs. Gibbs for specific questions: mgibbs2@escambia.k12.fl.us)

MATH TRACKS



Information for Rising 10th Grade Students for Course Registration

In 11th grade year, you will have to select one of the following options for your sixth subject for the IB program:

1.) IB Geography 2 (Only sixth subject that can be completed in one year)

IB Geography 2 is a one-year course (Standard Level) that is typically taken by students in their junior year. This is a very comprehensive course that explores a vast array of disciplines. This course, in many ways, is a combination of social studies and science. For the social studies aspect of the course, the students study everything from human migration, demographics, governments, culture, economics, and development. For the science aspect of this course, the students study earth composition, natural disasters, atmospheric sciences, and natural resources.

2.) IB History

The route two history course focuses on 20th century world history. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they be political, economic or social. It invites comparisons between, but not judgments of, different cultures, political systems and national traditions.” IB History is available at both Standard Level (SL) and Higher Level (HL). Both options begin junior year with AP US History following the second course of IB Contemporary History 2 (SL or HL).

3.) IB Visual Art: If you are interested in IB Visual Art, you must take 2D Art Studio 2.

IB Art is a two-year program beginning in the 11th grade for the highly motivated art student. Students will be working with a variety of media and approaches to art. A strong emphasis is placed on the cultural context and personal experiences from which artworks originate. An investigation workbook and portfolio are completed which will be reviewed both internally and externally in April of 12th grade.

4.) IB Theatre: If you are interested in IB Theatre, you must take Theatre 2.

IB Theatre is a two-year program, beginning in the 11th grade, for highly motivated theatre student. It is an advanced curriculum that explores all aspects of theatre with an emphasis on creating performances, both in groups and individually, and in investigating theatrical performances internationally. An independent project of the student's choice (either in performance or designing an aspect backstage), a research investigation, a performance pitch, and an oral of the student's journey through IB Theatre make up the assessed components for this program.

5.) 2nd Foreign Language

- If you are interested in a 2nd Foreign Language, register for another language in either 10th or 11th grade.

6.) 2nd Science (Two sciences: IB Biology/IB Chemistry, IB Chemistry/IB Physics, IB Biology/IB Physics)

- If you are interested in a 2nd science, you can take Physics Honors in 10th grade and IB Physics in 11th **OR** double in science your junior year.
- Remember that labs will be required for each subject – be prepared for more workload!

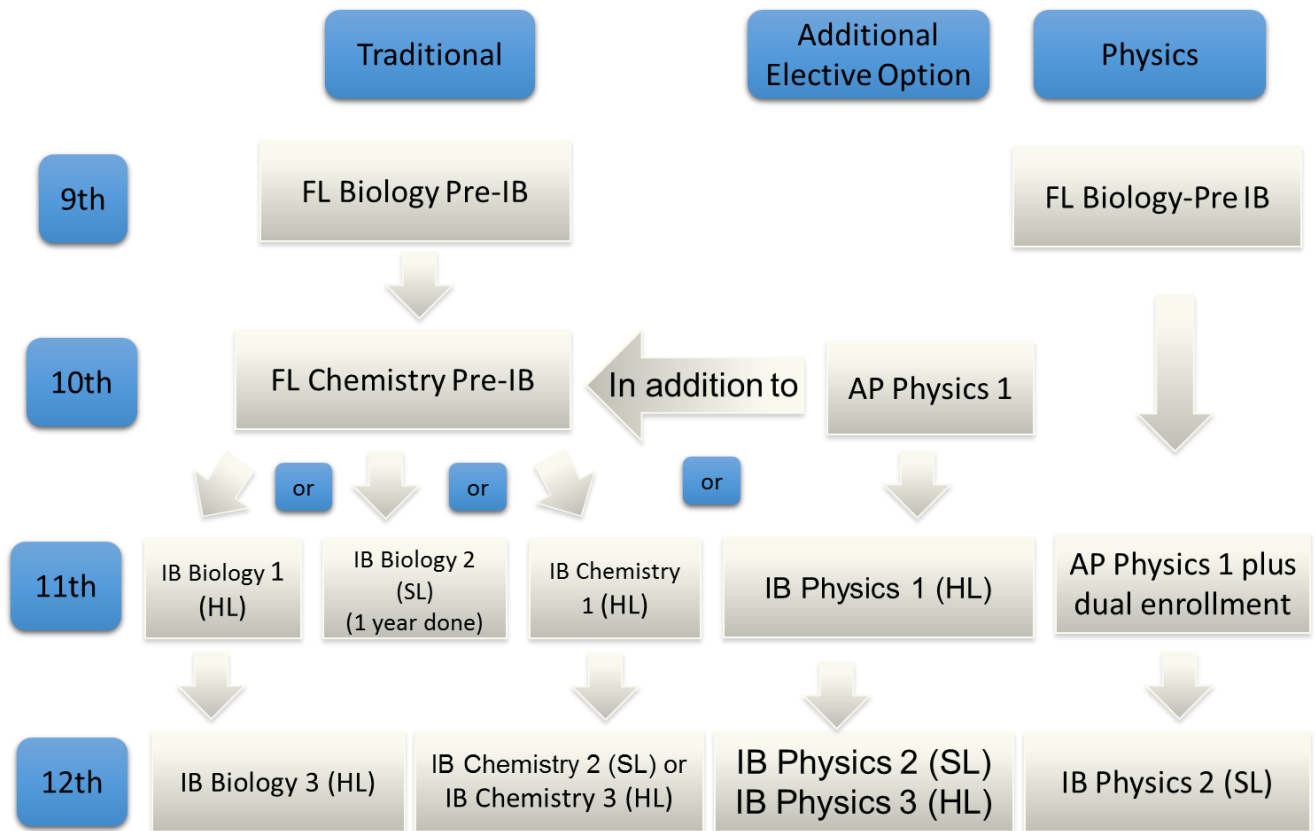
Physics information for 9th grade students: AP Physics 1 is expected for anyone planning on majoring in engineering. This course will give you a solid introduction to both Physics 1 at a college level. It is a very hands-on class including 6-10 labs for each 9 weeks grading period.

- If you are planning on taking only one year of AP Physics 1 and not entering into IB Physics class, it is recommended that you wait until after you have completed Algebra 2 Honors to take this course. If you are a strong math student and your Geometry teacher and Biology teacher both recommend you for AP Physics 1, you may elect to take this course while taking Algebra 2 Honors. Everyone interested can be successful in AP Physics 1; however, some math concepts used in the class come from Algebra 2. Therefore, students may benefit by waiting until Algebra 2 is completed before taking AP Physics 1.
- Taking AP Physics 1 in 10th grade will give you some options for both 11th and 12th grade IB:

IB Physics Options				
Current Grade	10 th Grade	Summer	11 th Grade	12 th Grade
9th	AP Physics 1	-----	IB Physics 2 – Test SL	XXXXXXXXXXXX
9th	AP Physics 1	-----	IB Physics 1	IB Physics 3 – Test HL
10 th (Not AP Physics)	-----	-----	AP Physics 1	IB Physics 2 – Test SL

1. You could choose to test IB Physics SL in 11th grade and complete your IB sixth subject before your senior year.
2. You could choose to take IB Physics 1 in 11th grade and IB Physics 3 in 12th grade and then Physics can be either your sixth subject or serve as the IB science requirement. If you complete IB Physics 3 in 12th grade you will also be prepared for the AP Physics exam which could earn you credit at most universities (MIT, GT, UF, Vanderbilt) for Calculus based Physics 1.
(Please e-mail or see Mr. Bobbitt for specific questions: jbobbitt@escambia.k12.fl.us)

Must choose one SCIENCE TRACK for IB diploma:



7.) IB Music (SL option only)

- If you are interested in pursuing IB Music in 11th grade, you should take Pre-IB Music in 10th grade. Also, consider taking Band, Guitar, Orchestra or private instruction. Contact Mr. Navarro with questions anavarro@escambia.k12.fl.us

● IB Music Options			
9th	10 th Grade	11 th Grade	12 th Grade
Pre-IB Music	Pre-IB Music 2/(with IB Music 2)	IB Music 2-test SL	-----
-----	Pre-IB Music 1	IB Music 2-SL exam	-----

8.) New possible option based on interest and scheduling: IB Business Management

IB Business Management is a two-year program, beginning in the 11th grade, for students highly interested in business management. The course syllabus outline covers the key characteristics: business organization and environment, the business functions of human resource management, finance and accounts, marketing and operations management. Links between the topics are central to the course. Through the exploration of six underpinning concepts (change, culture, ethics, globalization, innovation and strategy), the course allows students to develop a holistic understanding of today's complex and dynamic business environment. At this time, there are no pre-requisites for IB Business Management but it is suggested to become involved with FLBA (Future Business Leaders of America).