



strawberry fields
HIGH SCHOOL

**International Baccalaureate Diploma Programme
2019 – 2021**

Course Selection Guide



The International Baccalaureate Diploma Programme (IB DP) is a two year, pre-university course, designed to challenge students intellectually, emotionally and spiritually. It aims to cater to students with a wide spectrum of social and intellectual backgrounds, by offering a diverse selection of courses. The IB's dedication to promoting a peaceful world, through intercultural understanding and high-quality education, is valued by universities across the world.

The DP Curriculum

The IB DP curriculum sets out the requirements for study of the Programme. The curriculum includes the DP core and 6 subject groups.

The DP Core

Made up of the three required components, the DP core aims to broaden students' educational experience and challenges them to apply their knowledge and skills.

The three core elements are:

- Theory of Knowledge, in which students reflect on the nature of knowledge and on how we know what we claim to know.
- The Extended Essay, which is an independent, self-directed piece of research, finishing with a 4,000-word paper.
- Creativity, Activity, Service, in which students complete a project related to those three concepts.

The 6 Subject Groups

There are different courses within each of the 6 subject groups which are:

- Studies in language and literature
- Language acquisition
- Individuals and societies;
- Sciences
- Mathematics
- The arts.

Selection of Courses

The DP is intellectually rigorous and rewarding. Through our structured admission process, we ensure that majority of our students who are admitted in the programme enjoy a favourable outcome at the end.

Students will take some subjects at higher level (HL) and some at standard level (SL). HL and SL courses differ in scope but are measured according to the same grade descriptors, with students expected to demonstrate a greater body of knowledge, understanding and skills at higher level.

Each student takes at least three (but not more than four) subjects at higher level, and the remaining at standard level. Students choose 1 course from each of the 6 subject groups and may opt to study an additional sciences, individuals and societies, or languages course, instead of a course in the arts.

Course Offerings at SFHS

International Baccalaureate Diploma Programme Core Compulsory		Theory of Knowledge (ToK) Extended Essay (EE) Creativity, Activity and Service (CAS)			
Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
<i>Studies in Language and Literature</i>	<i>Language Acquisition</i>	<i>Individuals and Societies</i>	<i>Science</i>	<i>Mathematics</i>	<i>The Arts</i>
English Language & Literature – HL and SL	Hindi B- HL and SL French B - HL and SL French ab initio - SL	Economics - HL and SL History - HL and SL Psychology - HL and SL Business Management - HL and SL	Biology - HL and SL Physics - HL and SL Chemistry - HL and SL Computer Science - HL and SL Environmental Systems and Societies - SL	Mathematics : analysis & approaches HL and SL Mathematics : application & interpretation HL and SL	Visual Art - HL and SL Others*

* choice to be indicated in Group 3 or Group 4.

The combination of IB courses offered at SFHS aims to balance the requirement for specialization in some countries and diversity of study preferred in others. When choosing courses for further study, it is vital that students and parents carefully consider the prerequisites of their intended field. Irrespective of the courses chosen, the IB DP curriculum helps students to develop their analytical skills, language skills, their views of the world and delve deeper into the scientific forces that determine our global environment.

All IB subjects are evaluated through externally assessed coursework or internally assessed coursework that is externally moderated. The proportion of internal and external assessments varies across subjects.

In order to assist our DP students select the right courses, we have compiled a list of appropriate subject choices for popular fields of study. Students may use this as a guide to select their subjects and the level of rigor for each subject. Academic requirements will differ based on the nature of the academic field and the proposed country of higher study. Competitive universities usually prefer the

most rigorous subject combinations. While such combinations display academic ambition, they are most desirable when substantiated by favourable outcomes. On the other hand, selecting a less challenging subject combination for the sole purpose of grade accumulation will place the candidate at a disadvantage in a competitive pool of applicants. Hence, we recommend that students and their parents with our support conduct thorough research on their intended field of study. The school has instituted various systems to ensure that the combination of subjects for each student is aligned his/her future professional goals.

Field of Study	Proposed IB Subject Combinations
<i>Architecture</i>	Mathematics, Physics and Visual Arts at Higher Level. Some universities may require a portfolio
<i>Engineering</i>	<i>Mechanical, Electrical, Marine Engineering, Robotics:</i> Mathematics and Physics at Higher Level
	<i>Chemical, Materials Science & Engineering:</i> Mathematics and Chemistry at Higher Level. Physics at Higher Level is recommended or Standard Level at least.
	<i>Bioengineering:</i> Mathematics and Biology at Higher Level. Chemistry at Higher Level is recommended or Standard Level at least.
	<i>Civil and Environmental Engineering:</i> Mathematics and Physics at Higher Level. Chemistry at Higher Level is recommended or Standard Level, at least.
<i>Medicine</i>	Chemistry and Biology at Higher Level. Mathematics at Higher Level is recommended, or at Standard Level at least.
<i>Computer Science/Information Technology</i>	Mathematics, Computer Science and Physics at Higher Level. Visual Arts at Standard Level could be considered.
<i>Economics</i>	Mathematics and Economics at Higher Level. Psychology or History at Standard Level at least.
<i>Business</i>	Mathematics and Business Management at Higher Level. Economics at Standard Level at least should be considered.
<i>Law</i>	History or Psychology, and English Language and Literature at Higher Level.
<i>Psychology</i>	Psychology at Higher Level. Mathematics at Standard Level or Mathematical Studies (Standard Level). Biology at Standard Level, at least.
<i>Biology</i>	Biology and Chemistry at Higher Level. Mathematics at Standard Level or Mathematical Studies (Standard Level), at least.
<i>Pharmacy/Pharmacology</i>	Chemistry at Higher Level and Biology at Standard Level, at least. Mathematics at Standard Level or Mathematical Studies (Standard Level) at least.
<i>Philosophy, Politics, Economics (PPE)</i>	Economics, History and Mathematics at Higher Level.

<i>Media</i>	English Language and Literature at Higher Level. Visual Arts and Computer Science at the Standard Levels, at least, could be considered.
<i>Graphics, Arts, Design, Textiles</i>	Visual Arts and Computer Science at Higher Level. A portfolio of work may also be required.
<i>Human Computer Interaction/Bachelor of Science in Information</i>	Computer Science, Visual Art, Mathematics at the Higher Level. Psychology at Standard Level is recommended.
<i>Fashion Design</i>	Visual Art and English Language and Literature at Higher Level. A portfolio of work may be required.
<i>Interior Design</i>	Visual Art at the Higher Level. Mathematics and Physics at the Standard Level at least can be considered. A portfolio of work may be required.
<i>Liberal Arts (in general)</i>	Any of the Group 3 subjects and English Language and Literature at the Higher Level.
<i>Public Relations/Journalism</i>	English Language and Literature at the Higher Level.

The timetable for the Diploma Programme is created to accommodate selection of courses which are required for the aforementioned career paths. However, there may be a restriction on certain combinations of courses that we can offer.

At SFHS, we welcome differences in intellectual preferences. Therefore, if there is significant student interest in a particular course, the School could consider introducing it to the existing subject groups, upon special request.

Earning the IB Diploma

Each course within the 6 subject groups is graded on a scale of 1 to 7, with 1 being the lowest and 7 the highest.

Scores attained in each course contribute to the Diploma Programme (DP) award. A maximum of **42** points are awarded to the six courses and **3** points to the DP Core. The total number of available points for the IB DP is 45.

The Extended Essay and the TOK components are each assigned a letter grade from A (highest) to E (lowest); a matrix table directly converts the combined letter grades for the Extended Essay and TOK module into a score from 0 to 3. The CAS module does not contribute to the points; however, its completion is required for the DP award.

The matrix presented below can be used to calculate the combined score of the TOK module and the Extended Essay.

TOK/EE	A	B	C	D	E	N
A	3	3	2	2	Failing condition	Failing Condition
B	3	2	2	1		
C	2	2	1	0		
D	2	1	0	0		
E	Failing condition					
N	Failing condition					

Handbook of Procedures for the Diploma Programme, 2015

The table below is how the DP points are interpreted in India:

DP Points	Interpretation	Indian Equivalent Marks	
		From	To
7	Excellent Performance	96	100
6	Very Good Performance	83	95
5	Good Performance	70	82
4	Satisfactory Performance	56	69
3	Mediocre Performance	41	55
2	Poor Performance	21	40
1	Very Poor Performance	1	20

The International Baccalaureate: Guide to University Recognition in India

Course Certificates

Students who are unable to complete the DP Core (Extended Essay, Theory of Knowledge and CAS) or do not score a minimum of 24 points will receive individual course certificates for the exams they write.

