



SSIS

SUZHOU'S INTERNATIONAL SCHOOL

Handbook of Studies

IB and High School Diploma

2021-2022



INTRODUCTION

This booklet provides an outline and explanation of the SSIS IB and HSD diploma requirements. It also provides specific information about the courses we offer, how grades are calculated, and recommended prerequisites to successfully obtain a diploma to graduate from SSIS. Programs in Grades 11 and 12 are offered with our mission, vision and promise as a guide to providing an excellent education and experience for our students.

MISSION

To provide an excellent international education to the children of expatriate families.

VISION

Encourage and enable students to be self-motivated, lifelong learners, who value other cultures and are responsible, meaningful participants in the international community.

Contact information

If there are any questions regarding the academic programs at SSIS please contact the Diploma Coordinator. If there are any questions regarding university or college matters, please contact one of the secondary school college counsellors.

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IB mission statement

The International Baccalaureate aims to develop inquiring and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.

To this end the organization works with schools, governments and international organizations to develop challenging programmes of international education and rigorous assessment.

These programmes 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 learner profile

The aim of all IB programmes is to develop internationally minded people who, recognizing their common humanity and shared guardianship of the planet, help to create a better and more peaceful world. IB learners strive to be:

| | |
|----------------------|--|
| Inquirers | They develop their natural curiosity. They acquire the skills necessary to conduct inquiry and research and show independence in learning. They actively enjoy learning and this love of learning is sustained throughout their lives. |
| Knowledgeable | They explore concepts, ideas and issues that have local and global significance. In so doing, they acquire in-depth knowledge and develop understanding across a broad and balanced range of disciplines. |
| Thinkers | They exercise initiative in applying thinking skills critically and creatively to recognize and approach complex problems, and make reasoned, ethical decisions. |
| Communicators | They understand and express ideas and information confidently and creatively in more than one language and in a variety of modes of communication. They work effectively and willingly in collaboration with others. |
| Principled | They act with integrity and honesty, with a strong sense of fairness, justice and respect for the dignity of the individual, groups and communities. They take responsibility for their own actions and the consequences that accompany them. |
| Open-minded | They understand and appreciate their own cultures and personal histories, and are open to the perspectives, values and traditions of other individuals and communities. They are accustomed to seeking and evaluating a range of points of view and are willing to grow from the experience. |
| Caring | They show empathy, compassion and respect towards the needs and feelings of others. They have a personal commitment to service, and act to make a positive difference to the lives of others and to the environment. |
| Risk-takers | They approach unfamiliar situations and uncertainty with courage and forethought and have the independence of spirit to explore new roles, ideas and strategies. They are brave and articulate in defending their beliefs. |
| Balanced | They understand the importance of intellectual, physical and emotional balance to achieve personal well-being for themselves and others. |
| Reflective | They consider their own learning and experience. They can assess and understand their strengths and limitations in order to support their learning and personal development. |

Grade 10 to Grade 11 transition

There are two academic programs in Grade 11 and 12 at SSIS. These are the International Baccalaureate Diploma Programme (IBDP) and the SSIS High School Diploma program (HSD). A detailed description of these programs can be found in this document.

The process of placing students in the most suitable program begins in Grade 9 and continues in Grade 10. Students and parents receive information from the secondary school college counsellors and the diploma coordinator, to assist them in choosing the academic program that is best suited for their aspirations following graduation from the secondary school.

During Grades 9 and 10, counsellors explain the different programs to each student individually and begin to identify which academic program best meets the needs for each student. In Grade 10 the students, with the support of their parents, will make their program and course choices, which often includes attending the Grade 10 Options Evening to speak further with Grade 11 and 12 teachers about the various courses on offer.

Grade 10 students receive a bridging experience, which allows them the opportunity to spend time gaining further information about their chosen courses, their structure and assessment plus advance access to supporting resources. This time may also provide an opportunity for students to make any course and program changes if necessary, subject to space in classes being available. Information on this will be communicated closer to the time.

Any course or program changes must be approved by parents, the teachers of the courses involved, the relevant College Counsellor and the Diploma Coordinator.

Course and program changes may be also be allowed during the first two weeks of Grade 11.

*Please note that course changes will only be considered if there is enough space in the course into which the student is proposing to move. SSIS takes seriously its maximum class size numbers and should a student request a course that is already full, then access to that course will be denied. It is, therefore, of high importance that students and parents take the initial subject selection process seriously.

Academic programs and courses for grade 11 and 12 students

Choosing the most suitable academic program

The first step that students need to consider when making their course selections for Grades 11 and 12 is which of the two academic programs they wish to study. Both programs, if successfully completed, are excellent pathways for students who wish to attend university/college.

While the IB Diploma is the more demanding program for students, it does not necessarily mean that by studying the program your child will go to a better university/college than a student studying the High School Diploma. Students may choose to study the High School Diploma and attend very good universities and colleges provided an appropriate balance of courses is selected that challenge the student.

A student who over-extends themselves in terms of academic program and course selection will fall short of their goals, as opposed to a student who is able to grasp their strengths and limitations in order to select the program that is most appropriately challenging. The goal of attending university/college may be the same but everyone should choose the best pathway available that enables them to fulfil their potential.

Choosing the most suitable courses for each academic program

Once students have decided upon their academic program, they may now begin to consider the courses that they wish to study. Again, students are encouraged to choose courses that are commensurate with their strengths and abilities. Of course, other factors will also play a role such as the career path that a student may be looking at and the courses that they wish to study at university/college.

When choosing courses, please note the following:

- All SSIS IBDP and HSD courses are dependent upon staff availability and student interest. This means the courses we offer may vary from year to year. Also, if not enough students select a course, then it may not run, and students may have to choose an alternative course.
- For IB Diploma courses, the recommended prerequisites listed in this document are intended to help give an indication of the degree of difficulty of these courses and to assist students and parents when choosing a suitable academic programme and corresponding courses.

Advice for students

Do your homework

1. Reflect: What am I good at? What do I like? What don't I like?
2. Research the subjects: Go through this Handbook of Studies, talk to people involved in the course (teachers and subject Heads of Department), as well as students currently enrolled in it but be sure that you are getting impartial advice. Ask about the nature of the course: how it is taught/delivered, how it is assessed, what is expected of students, especially how the course progresses from one year to the next.

Poor reasons for choosing a subject

- My **friends** are all doing it
- It will be **easy**
- My **favorite teacher** teaches the subject

Good reasons for choosing a subject

- **Interest** and **enjoyment** of the subject
- Possess an **aptitude/ability** for the subject
- The types of **assessments** offered suits your learning style
- Will help you meet your **job/career** and/or **university/college course/program goals**

Thinking of choosing a subject that you have not studied before?

- Research the subject very carefully. It is great to try a new course, but it may not be what you think it is.
- Specifically, ask the teachers that teach that subject what it entails.

Advice for parents

Choices, choices, choices

If your child is in Grade 10 at school, they will be facing one of their first big decisions in life – what subjects to study in Grades 11 and 12.

Where to start?

Nobody expects your child to know exactly what subjects to choose straight away. They will want time to think about and assess their decision. If they are feeling confused, they might want to talk through the different options with you.

- They will need to choose a range of subjects
- They should think about whether they get better results from subjects with more coursework or those that have exams
- They should ask what their choices will lead to in the future – further study, training or work

The choices that your child makes now can impact what opportunities are open to them after graduation. It is important that they take time to consider the different options carefully so that they make choices that are right for them. You can play an important part in supporting them as they come to a decision. Most young people will want to keep their options open, but some will need to choose specific subjects depending on the pathway they wish to follow post-school. There are some subjects everybody must take. Others are optional.

The International Baccalaureate Diploma Programme (IBDP) and the High School Diploma program are different and offer different options for your child. Take the time to look at both and see what is available. Take time to talk to your son/daughter about their decisions, so that you can help them if they are struggling. If you are still not clear about certain points, ask for help using the contact details on the first page of this handbook.

Keeping their options open

Most universities and employers expect young people to possess good language communication skills, but they will also look favourably on students who have:

- studied a broad range of subjects
- earned good grades
- been enthusiastic about what they have studied

There are exceptions. If your child is thinking about a scientific or medical profession, for example, they might have to take certain subjects to gain access to a university degree. Information about pre-requisites and assumed knowledge for university courses is best discussed with your child's College Counsellor.

In most cases, it is a good idea for young people to keep their options open and study as broad a range of subjects as possible – subjects they enjoy. This way, they will have more choice when it comes to deciding on courses and jobs in the future. Remember, not all subjects have to be directly related to a university course. Pure enjoyment and interest are a good enough reason for choosing to study something.

Helping your child decide

If you want to give your child a helping hand, there are practical ways of supporting them as they make up their mind about the subjects they will study.

Encourage them to start thinking about the kind of person they are. What interests them? What do they want to do in the future?

For example, are they creative, technically minded or a good support for other people? Talk about how this might affect their choice of subjects and later, university/college course and work.

Help them make a list of the subjects they enjoy and those they think would take them in the right direction for the work they want to do.

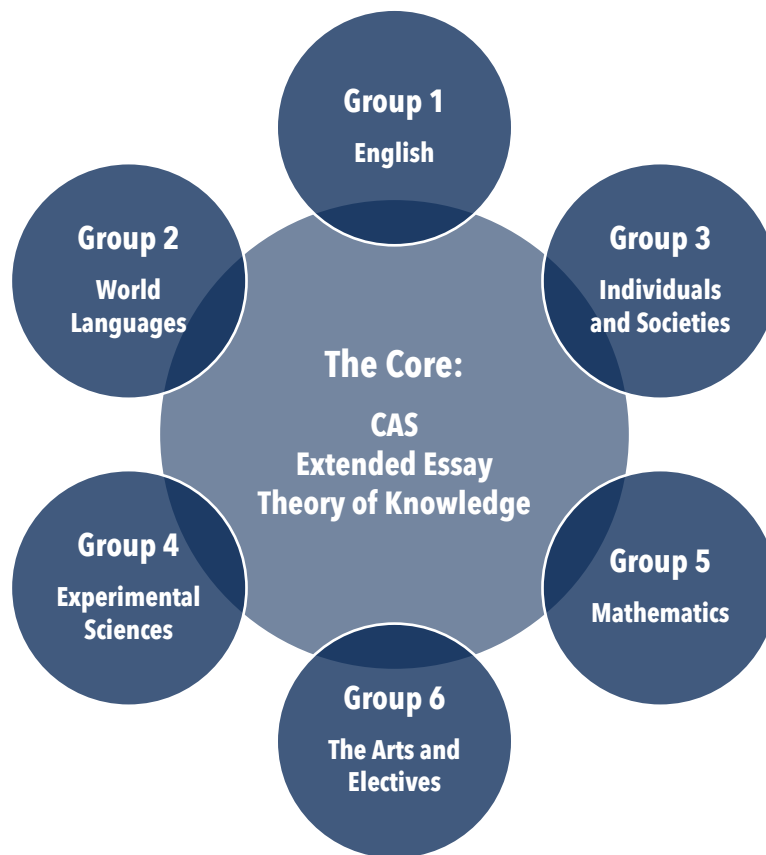
There are many places young people can go to for information and advice. Point your child in the direction of the Assistant Principal (Academic), Diploma Coordinator, College Counsellor or their subject Head of Department. Encourage them to consult this Handbook of Studies.

Of course, there might be instances when you disagree about what subjects your child should take. Try to listen to the reason they give for choosing a subject and support their long-term goals. If you are keen for your child to go into a specific career path, ask yourself if it is right for them.

International Baccalaureate Diploma Programme (IBDP)

The International Baccalaureate Diploma Programme (IBDP) is an internationally recognised academic program designed to meet the needs of highly motivated high school students. It is a comprehensive two-year program with a curriculum model that incorporates the best elements of several national assessment systems and enables students to fulfil the requirements of different education systems globally.

Students select six courses which they study for two years and complete a compulsory core (see the diagram below). Each course lasts two years from Grade 11 through Grade 12, concluding in May of the Grade 12 year when the students sit for the IBDP examinations.



In the IBDP, all subject group courses are graded on a 1 to 7 scale, with 7 being the highest awarded. The Core is graded on an A-E scale for the Extended Essay and Theory of Knowledge and a Pass/Fail for Creativity, -Activity, -Service (CAS).

IB Diploma subjects offered at SSIS in 2021-22

(To be confirmed based upon demand and resources)

Group 1 - English

Note: A student choosing English B from this Group must choose a Language A from the World Language Group

English A Language and Literature (SL or HL)

English A Literature (SL or HL)

English B (SL or HL)

Group 2 - World Language

Note: A student choosing Language B, or an ab initio language from this Group must choose a Language A from the English Group

Chinese A Language and Literature (SL or HL); French A Language and Literature (SL or HL); German A Language and Literature (SL or HL)

Japanese A Literature (SL or HL); Korean A Literature (SL or HL)

Chinese B-Mandarin (SL or HL); French B (SL or HL)

Chinese ab initio (Mandarin) (SL only); French ab initio (SL only); Spanish ab initio (SL only) (Pamoja IB online)

School Supported-Self Taught Language e.g. mother tongue language not otherwise offered at SSIS

Group 3 - Individuals and Societies

Business Management (SL or HL)

Economics (SL or HL)

Psychology (SL or HL)

Group 4 - Experimental Sciences

Biology (SL or HL)

Chemistry (SL or HL)

Design Technology (SL or HL)

Physics (SL or HL)

Sports, Exercise and Health Science (SL or HL)

Group 5 - Mathematics

Mathematics: analysis and approaches (SL or HL)

Mathematics: applications and interpretation (SL)

Group 6 - Arts and Electives

Biology (SL or HL)

Business Management (SL or HL)

Chemistry (SL or HL)

Chinese ab initio Mandarin (SL only)

Economics (SL or HL)

Music (SL or HL)

Psychology (SL or HL)

Spanish ab initio (SL only) (Pamoja IB online)

Visual Arts (SL or HL)

School Supported-Self Taught Language e.g. mother tongue language not otherwise offered at SSIS

Award of the IB Diploma

To be eligible for the award of the IB Diploma, you must:

1. Study **six subjects**, one from each of the groups available
2. Complete three of the six subjects at **Higher Level (HL)**, and the remaining three at **Standard Level (SL)**
3. Satisfactorily complete the following requirements:
 - Theory of Knowledge (ToK)
 - Extended Essay
 - Creativity, Activity, Service (CAS)

Calculating the overall points score

Students completing the IB Diploma will receive a total score out of 45, which is calculated as follows:

| Requirement | Maximum points available |
|---|--------------------------|
| 3 Standard Level subject courses (each scored out of 7) | 21 |
| 3 x Higher Level subject courses (each scored out of 7) | 21 |
| Theory of Knowledge and Extended Essay courses (see matrix below) | 3 |
| Creativity, Activity, Service | 0 (Pass/ Fail only) |
| Total = 45 points | |

Theory of Knowledge and Extended Essay points matrix

| TOK/EE | A | B | C | D | E |
|--------|-------------------|---|---|---|-------------------|
| A | 3 | 3 | 2 | 2 | Failing condition |
| B | 3 | 2 | 2 | 1 | |
| C | 2 | 2 | 1 | 0 | |
| D | 2 | 1 | 0 | 0 | |
| E | Failing condition | | | | |

To be awarded the full IB Diploma, students must achieve a minimum total score of 24 points and meet certain criteria. A student will not be awarded the IB Diploma if any of the following listed below occur:

- CAS requirements have not been met.
- Candidate's total points are fewer than 24.
- An "N" or "E" has been given for Theory of Knowledge, Extended Essay or for a contributing subject.
- There is a grade 1 awarded in a subject/level.
- Grade 2 has been awarded three or more times (SL or HL).
- Grade 3 or below has been awarded four or more times (SL or HL).
- Student has gained fewer than 12 points on HL subjects
- Student has gained fewer than 9 points on SL subjects

The award of a bilingual IB Diploma

To receive a Bilingual IB Diploma students must either:

- Complete two Language A courses with a minimum grade of 3 in both courses
- Complete one Language A (Language and Literature or Literature) in a language other than English. The student must attain a grade of 3 or higher in both their nominated Language A subject and either a Group 3 or Group 4 subject.

Language requirements for the IB Diploma

In accordance with the SSIS Admissions and Language policies, students who have not progressed to MYP English Phase 4 by the end of Semester 1 of Grade 10 may be ineligible to study the full IB Diploma. Students may, however, in discussion with the Diploma Coordinator, study some IB courses as part of their high school diploma.

Students and parents must also note regarding language courses:

- Students should choose the same native speaker Language A that they took in G10.
- Students should take the most appropriate second language with respect to their G10 second language grade.

Language level placement prerequisites

The prerequisites chart below for SSIS criteria should be used regarding language course choices.

| Language course | Recommended language experience required (See IB Subject Guides for additional specifications) | Prerequisites ¹ |
|---|---|--|
| Language ab initio² | <ul style="list-style-type: none"> - 2 years or less of formal study - Little to no experience in the language - Beginner in the language | <ul style="list-style-type: none"> - Did not study the language in Grade 10 OR <ul style="list-style-type: none"> - Studied MYP Language B Phase 2 or below in Grade 10 OR <ul style="list-style-type: none"> - Studied MYP Language B Phase 3 or above in Grade 10 and received a failing grade³ |
| Language B SL | <ul style="list-style-type: none"> - 2-5 years' experience learning the language in a formal (classroom) setting - Intermediate language student (understands straightforward texts on common topics; can communicate in a coherent manner and with some detail; can use register and style appropriate to audience and purpose) | <ul style="list-style-type: none"> - Studied MYP Language B Phases 3/4 in Grade 10 OR <ul style="list-style-type: none"> - Studied MYP Language B Phase 5 in Grade 10 and received a grade of 4 or below |
| Language B HL | <ul style="list-style-type: none"> - 4-5 years learning the language in a formal (classroom) setting - Intermediate language user with strong communication skills (understands complex texts related to topics studied; can communicate accurately, clearly and with appropriate detail; can use rhetorical devices and structural elements appropriate to audience and purpose) | <ul style="list-style-type: none"> - Studied MYP Language B Phases 3/4 and received a grade of 6 or 7 (with teacher recommendation) OR <ul style="list-style-type: none"> - Studied MYP Language B Phase 5 and received a grade of 5 or above OR <ul style="list-style-type: none"> - Studied MYP Language A and received a grade of 4 or below |
| Language A: Language and Literature SL | <ul style="list-style-type: none"> - Native or near-native speaker - Has experience writing critical essays about texts, though not required; has experience with a range of genres | <ul style="list-style-type: none"> - Studied MYP Language A in Grade 10 OR <ul style="list-style-type: none"> - Students unable to study a Language A in their mother tongue will be allowed to study English A at Standard Level Language and Literature only |
| Language A: Language and Literature HL | <ul style="list-style-type: none"> - Native or near-native speaker - Has experience writing critical essays about texts as well as experience with a range of genres; is familiar with comparative analysis | <ul style="list-style-type: none"> - Studied MYP Language A in Grades 9&10 and received a grade of 6 or higher in Grade 10 |
| Language A: Literature SL | <ul style="list-style-type: none"> - Native language speaker - Has experience writing critical essays about texts as well as experience with a range of genres; is familiar with comparative analysis | <ul style="list-style-type: none"> - Studied MYP Language A in Grade 10 |
| Language A: Literature HL | <ul style="list-style-type: none"> - Native language speaker - Has experience writing critical essays about texts as well as experience with a range of genres; is familiar with comparative analysis | <ul style="list-style-type: none"> - Studied MYP Language A in Grade 10 and received a minimum grade of 6 |

¹ Deviation from these prescribed prerequisites and courses must be approved by the appropriate Head of Department and IBDP Coordinator.

² Students who have completed their second year of language study in G10 may, upon teacher recommendation, select either *ab initio* or Language B.

³ Applies only to Chinese or World Language students.

Group 1 - English courses

* Prerequisites: See Language level placement prerequisites table

English A Language and Literature HL

English A Language and Literature develops skills of textual analysis. A study of the formal structures of a text is combined with an exploration of the way the use of formal elements and our understanding of their meaning is affected by reading practices that are culturally defined. Teachers will construct the course to reflect the interests and concerns relevant to their students.

The HL course will include three different parts: reader, writers and text; time and space; and intertextuality: connecting texts. For internal assessment, students will need to complete a literary commentary, HL essay, and an individual oral presentation. Final exam assessment includes two exam papers worth 60%.

English A Language and Literature SL

English A Language and Literature develops skills of textual analysis. A study of the formal structures of a text is combined with an exploration of the way the use of formal elements and our understanding of their meaning is affected by reading practices that are culturally defined. Teachers will construct the course to reflect the interests and concerns relevant to their students.

The SL course will include three different parts: reader, writers and text; time and space; and intertextuality: connecting texts. For internal assessment, students will need to complete a literary commentary, and an individual oral presentation. Final exam assessment includes two exam papers worth 70%.

English A Literature HL

English A Literature develops understanding of the techniques involved in literary criticism and promotes the ability to form independent literary judgments. It is a flexible course that allows teachers to choose literary works from prescribed book lists and to construct a course that suits the needs and interests of their students.

The HL course will include three different parts: reader, writers and text; time and space; and intertextuality: connecting texts. For internal assessment, students will need to complete a literary commentary, HL essay, and an individual oral presentation. Final exam assessment includes two exam papers worth 60%.

English A Literature SL

English A Literature develops understanding of the techniques involved in literary criticism and promotes the ability to form independent literary judgments. It is a flexible course that allows teachers to choose literary works from prescribed book lists and to construct a course that suits the needs and interests of their students.

The SL course will include three different parts: reader, writers and text; time and space; and intertextuality: connecting texts. For internal assessment, students will need to complete a literary commentary and an individual oral presentation. Final exam assessment includes two exam papers worth 70%.

English B HL

English B is a language acquisition course for students with some background in the English language. While learning this additional language, students also explore the cultures connected to it. English B consists of five prescribed themes: identities, experiences, human ingenuity, social organisation, and sharing the planet.

Students in the HL course will need to complete an individual oral based on an extract from one of the two literary works studied in class. All four language skills are assessed: reading, writing, listening, and speaking.

English B SL

English B is a language acquisition course for students with some background in the English language. While learning this additional language, students also explore the cultures connected to it. English B consists of five prescribed themes: identities, experiences, human ingenuity, social organisation, and sharing the planet.

Students in the SL course will need to complete a conversation with the teacher based on a visual stimulus, followed by a discussion based on an additional theme. All four language skills are assessed: reading, writing, listening, and speaking.

Group 2: World Language courses

* Prerequisites: See Language level placement prerequisites able

Language and Literature HL (Available in Chinese A, French A and German A)

Language and Literature develops skills of textual analysis. A study of the formal structures of a text is combined with an exploration of the way the use of formal elements and our understanding of their meaning is affected by reading practices that are culturally defined. Teachers will construct the course to reflect the interests and concerns relevant to their students.

The HL course will include three different parts: reader, writers and text; time and space; and intertextuality: connecting texts. For internal assessment, students will need to complete an HL essay, and an individual oral. Final exam assessment includes two exam papers worth 60%.

Language and Literature SL (Available in Chinese A, French A and German A)

Language and Literature develops skills of textual analysis. A study of the formal structures of a text is combined with an exploration of the way the use of formal elements and our understanding of their meaning is affected by reading practices that are culturally defined. Teachers will construct the course to reflect the interests and concerns relevant to their students.

The SL course will include three different parts: reader, writers and text; time and space; and intertextuality: connecting texts. For internal assessment, students will need to complete an individual oral. Final exam assessment includes two exam papers worth 70%.

Literature HL (Available in Japanese A and Korean A)

Literature develops understanding of the techniques involved in literary criticism and promotes the ability to form independent literary judgments. It is a flexible course that allows teachers to choose literary works from prescribed book lists and to construct a course that suits the needs and interests of their students.

The HL course will include three different parts: reader, writers and text; time and space; and intertextuality: connecting texts. For internal assessment, students will need to complete a literary commentary, HL essay, and an individual oral presentation. Final exam assessment includes two exam papers worth 60%.

Literature SL (Available in Japanese A and Korean A)

Literature develops understanding of the techniques involved in literary criticism and promotes the ability to form independent literary judgments. It is a flexible course that allows teachers to choose literary works from prescribed book lists and to construct a course that suits the needs and interests of their students.

The SL course will include three different parts: reader, writers and text; time and space; and intertextuality: connecting texts. For internal assessment, students will need to complete a literary commentary and an individual oral presentation. Final exam assessment includes two exam papers worth 70%.

Language B HL (Available in Chinese-Mandarin and French)

Language B HL is a language acquisition course for students with some background in the language. While learning this additional language, students also explore the cultures connected to it. Language B consists of five prescribed themes: identities, experiences, human ingenuity, social organisation, and sharing the planet.

Students in the HL course will need to complete an individual oral based on an extract from one of the two literary works studied in class. All four language skills are assessed: reading, writing, listening, and speaking.

Language B SL (Available in Chinese-Mandarin and French)

Language B SL is a language acquisition course for students with some background in the language. While learning this additional language, students also explore the cultures connected to it. Language B consists of five prescribed themes: identities, experiences, human ingenuity, social organisation, and sharing the planet.

Students in the SL course will need to complete an individual oral based on a visual stimulus, followed by a discussion based on an additional theme. All four language skills are assessed: reading, writing, listening, and speaking.

Language ab initio SL only (Available in Chinese-Mandarin, French and Spanish)

Language ab initio is a language acquisition course for students with little or no experience of the language. It is organized around five themes: identities, experience, human ingenuity, social organization, and sharing the planet. Each theme has a list of topics that provide the students with opportunities to practice and explore the language as well as to develop intercultural competence. Through the development of receptive, productive and interactive skills, students acquire the ability to respond and interact appropriately in a defined range of everyday situations. All four language skills are assessed: reading, writing, listening, and speaking.

School Supported Self Taught Language

Students may choose to study their own native language if not otherwise offered by the school. Please speak to the DP coordinator if you are considering this option.

Group 3: Individuals and Societies courses

Business Management HL

Recommended:

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 5 grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 4 grade 7 (or a recognized equivalent)

Business Management aims to give students an international perspective on business and promote their appreciation of cultural diversity through the study of six core concepts: Change, Culture, Ethics, Globalization, Innovation, and Strategy. These core concepts form the basis for focused and contextualized teaching using case studies and examples. They are contextualized through five areas of business: Business and the Environment, Human Resource Management, Finance and Accounts, Marketing, and Operations Management. The ability to research is a key skill for students studying the course. This course covers the same topics as the SL course but with more content. This allows for greater depth of analysis. Students are assessed through a combination of case studies, research and presentation tasks, essay questions, group work, and end of semester examinations.

Business Management SL

Recommended:

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 5 grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 4 grade 7 (or a recognized equivalent)

Business Management aims to give students an international perspective on business and promote their appreciation of cultural diversity through the study of six core concepts: Change, Culture, Ethics, Globalization, Innovation, and Strategy. These concepts form the basis for focused and contextualized teaching using case studies and examples. They are contextualized through five areas of business: Business and the Environment, Human Resource Management, Finance and Accounts, Marketing, and Operations Management. The ability to research is a key skill for students studying the course. They are assessed through a combination of case studies, research and presentation tasks, essay questions, group work, and end of semester examinations.

Economics HL

Recommended:

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP B English Advanced Phase 5 grade 5 (or a recognized equivalent)

Minimum MYP B English Advanced Phase 4 grade 7 (or a recognized equivalent)

Minimum MYP Mathematics Standard grade 6 (or a recognized equivalent)

In this course students study four units: *Introduction to Economics*, *Microeconomics*, *Macroeconomics*, and *The Global Economy*. *Introduction to Economics* enables students to discover the meaning of economics, and introduces the key concepts that form the basis of the economic perspective of the world. Students also learn about the use of models and theories to analyse economic problems. *Microeconomics* examines markets for individual products, and how consumers and producers make economic decisions. *Macroeconomics* examines national economies and the effects of government policies. *The Global Economy* features trade-related topics such as free trade, protectionism, and currency exchange rates. Students also learn about the circumstances of developing countries and actions that can be taken to hasten their development. Throughout this course, connections are made to history, politics, psychology, and mathematics. Special emphasis is placed on

the study of current news sources; a skill that is essential for success in the IB Economics assessments. Higher level economics expands several of these topics beyond what is covered in the standard level course, such as consideration of consumer and producer behaviour in unusual situations, and discussion of a greater variety of government policies.

Economics SL

Recommended:

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 5 grade 5 (or a recognized equivalent)

In this course students study four units: *Introduction to Economics, Microeconomics, Macroeconomics, and The Global Economy*. *Introduction to Economics* enables students to discover the meaning of economics, and introduces the key concepts that form the basis of the economic perspective of the world. Students also learn about the use of models and theories to analyse economic problems. *Microeconomics* examines markets for individual products, and how consumers and producers make economic decisions. *Macroeconomics* examines national economies and the effects of government policies. The global economy features trade-related topics such as free trade, protectionism, and currency exchange rates. Students also learn about the circumstances of developing countries and actions that can be taken to hasten their development. Throughout this course, connections are made to history, politics, psychology, and mathematics. Special emphasis is placed on the study of current news sources; a skill that is essential for success in the IB Economics assessments.

Psychology HL

Recommended:

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 5 grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 4 grade 7 (or a recognized equivalent)

Psychology is the systematic study of behaviour and mental processes. It examines the interaction of biological, cognitive and socio-cultural influences on human behaviour. Students develop an eclectic viewpoint of the human mind. Higher Level Psychology involves experimental design and implementation as well as a more rigorous and accelerated course of study than Standard Level. The students carry out a replication or modification of a simple psychological experiment. In addition to studying biological, cognitive and socio-cultural influences on human behaviour, HL students also explore the psychology of human relationships and abnormal psychology. A strong emphasis is placed on rigidly adhering to research ethics. Finally, cultural diversity is emphasized, and students are encouraged to develop empathy for the feelings, needs, and lives of others.

Psychology SL

Recommended:

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 5 grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 4 grade 7 (or a recognized equivalent)

Psychology is the systematic study of behaviour and mental processes. It examines the interaction of biological, cognitive and socio-cultural influences on human behaviour. Students develop an eclectic viewpoint of the human mind. Standard Level Psychology involves experimental design and research methodology. The students carry out a replication or modification of a simple psychological experiment. In addition to studying biological, cognitive and socio-cultural influences on human behaviour, SL students also explore the psychology of human relationships. A strong emphasis is placed on rigidly adhering to research ethics. Finally, cultural diversity is emphasized, and students are encouraged to develop empathy for the feelings, needs, and lives of others.

Group 4: Experimental Sciences courses

Biology HL

Recommended:

MYP Science overall grade 6 with a Criterion A grade of 5 (or recognized equivalent)

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 5 grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 4 grade 7 (or a recognized equivalent)

Students study the core topics of Cell and Molecular Biology, Genetics, Ecology, Evolution and Biodiversity, Human Physiology as well as one of the following Option Topics: Neurobiology and Behaviour, Biotechnology and Bioinformatics, Ecology and Conservation, or Human Physiology. HL students also complete additional areas of study in Nucleic Acids, Metabolism, Plant Biology, and Genetics and Evolution. Students develop the skills to research, analyse, evaluate and communicate scientific information. Students develop laboratory skills by designing and carrying out independent experiments. The grade for this course is based on unit examinations and the assessment of the planning, conduct and writing up of a number of laboratory investigations.

Biology SL

Recommended:

MYP Science overall grade 5 or above with a Criterion A grade of 4 (or recognized equivalent)

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 5 grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 4 grade 7 (or a recognized equivalent)

Students study the core topics of Cell and Molecular Biology, Genetics, Ecology, Evolution and Biodiversity, and Human Physiology, as well as one of the following option topics: Neurobiology and Behaviour, Biotechnology and Bioinformatics, Ecology and Conservation, or Human Physiology. Students develop the skills to research, analyse, evaluate and communicate scientific information. Students develop laboratory skills by designing and carrying out independent experiments. The grade for this course is based on unit examinations and the assessment of written laboratory investigations.

Chemistry HL

Recommended:

MYP Science overall grade 6 with a Criterion A grade of 5 (or recognized equivalent)

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 5 grade 6 (or a recognized equivalent)

Students start the course by learning quantitative chemistry in measuring and calculating amounts and yields. Students take an in depth look at Atomic Structure, patterning within the Periodic Table, and Chemical Bonding. Students explore the properties of chemical reactions within the next three units; the first being the heat changes that occur during the formation and breaking of bonds within new substances, the kinetics or factors affecting the speed of the reaction, and lastly, the dynamics within the equilibrium or factors that provide a balance to the reaction.

Chemistry SL

Recommended:

MYP Science overall grade 5 or above with a Criterion A grade of 4 (or recognized equivalent)

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 5 grade 6 (or a recognized equivalent)

Students start the course by learning quantitative chemistry in measuring and calculating amounts and yields. Students take an in depth look at Atomic Structure, patterning within the Periodic Table, and Chemical Bonding. These three units explain why atoms behave the way they do in chemical reactions. Students explore the properties of chemical reactions within the next three units; the first being the heat changes that occur during the formation and breaking of bonds within new substances, the kinetics or factors affecting the speed of the reaction, and lastly, the dynamics within the equilibrium or factors that provide a balance to the reaction. Throughout the course, students perform several investigations and learn how to perform proper measurement and data processing skills.

Design Technology HL

Recommended:

MYP Design overall grade 5 or above (or recognized equivalent)

MYP Science overall grade 5 or above with a Criterion A grade of 4 (or recognized equivalent)

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP B Advanced Phase 5 grade 5 (or a recognized equivalent)

Minimum MYP B Advanced Phase 4 grade 7 (or a recognized equivalent)

Students study topics of human factors and ergonomics, resource management and sustainable production, modelling, raw material to final product, innovation and design, and classic design. Additionally, Higher Level students study user-centred design, sustainability, innovation and markets and commercial production. The aim of the course is to foster the skill development in students required to use new and existing technologies to create new products, services and systems. The grade for this course is based on examinations and the assessment of a design project.

Design Technology SL

Recommended:

MYP Design overall grade 5 or above (or recognized equivalent)

MYP Science overall grade 5 or above with a Criterion A grade of 4 (or recognized equivalent)

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP B Advanced Phase 5 grade 5 (or a recognized equivalent)

Minimum MYP B Advanced Phase 4 grade 7 (or a recognized equivalent)

Students study topics of human factors and ergonomics, resource management and sustainable production, modelling, raw material to final product, innovation and design, and classic design. The aim of the course is to foster the skill development in students required to use new and existing technologies to create new products, services and systems. The grade for this course is based on examinations and the assessment of a design project.

Physics HL

Recommended:

MYP Science overall grade 6 with a Criterion A grade of 5 (or recognized equivalent)

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP B Advanced Phase 5 grade 6 (or a recognized equivalent)

Minimum MYP Mathematics Standard grade 6 (or a recognized equivalent)

Students study Mechanics and Thermal Physics, Oscillations and Waves, Electricity and Magnetism, Energy Production, Atomic and Quantum Physics, Electromagnetic Induction, Fields, Wave Phenomena, Quantum and Nuclear Physics and Astrophysics. Students develop the skills to analyse and communicate scientific information. They develop laboratory skills by designing and carrying out experiments. The grade for this course is based on examinations and the assessment of the planning, conduct and writing up of laboratory investigations.

Physics SL

Recommended:

MYP Science overall grade 6 with a Criterion A grade of 5 (or recognized equivalent)

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP B Advanced Phase 5 grade 6 (or a recognized equivalent)

Minimum MYP Mathematics Standard grade 6 (or a recognized equivalent)

Students study Mechanics and Thermal Physics, Oscillations and Waves, Electricity and Magnetism, Energy Production, Atomic Physics and Astrophysics. Students develop the skills to analyse and communicate scientific information. They develop laboratory skills by designing and carrying out experiments. The grade for this course is based on examinations and the assessment of the planning, conduct and writing up of laboratory investigations.

Sports, Exercise and Health Science SL or HL

Recommended:

MYP Science or Humanities overall grade 5 or above with a Criterion A grade of 4 (or recognized equivalent)

Minimum MYP English Language A grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 5 grade 5 (or a recognized equivalent)

Minimum MYP English B Advanced Phase 4 grade 7 (or a recognized equivalent)

The course incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology and nutrition, which are studied in the context of sport, exercise and health. Students will cover a range of core and option topics and carry out practical (experimental) investigations in both laboratory and field settings. This will provide an opportunity to acquire the knowledge and understanding necessary to apply scientific principles and critically analyse human performance. Where relevant, the course will address issues of international dimension and ethics by considering sport, exercise and health relative to the individual and in a global context.

Group 5: Mathematics courses

Mathematics: analysis and approaches HL

Recommended:

Minimum Overall MYP Mathematics Extended grade 6 and minimum Criterion A grade 7 (or recognized equivalent)

Minimum Overall MYP Mathematics Standard grade 7 and Criterion A grade 8 (or recognized equivalent)

This course is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or economics. It focuses on analytical methods with emphasis on calculus and is appropriate for students who enjoy mathematical problem solving and generalization. Students develop their skills in constructing mathematical arguments and in mathematical thinking, with and without the use of technology. Students will study topics organized in five major branches: Numbers and Algebra, Functions, Trigonometry and Geometry, Statistics and Probability; and Calculus. All these topics will be studied at a higher level. Assessments comprise periodic class tests and investigations. Final assessment involves a mathematical exploration (IA) worth 20%, and three written exam papers worth 80% in total: Paper 1, for which the use of GDC is not allowed, and Papers 2 and 3, for which the use of GDC is required.

Mathematics: analysis and approaches SL

Recommended:

Minimum Overall MYP Mathematics Extended grade 4 and minimum Criterion A grade 4 (or recognized equivalent)

Minimum Overall MYP Mathematics Standard grade 5 and minimum Criterion A grade 5 (or recognized equivalent)

This course is aimed at students who will go on to study subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or economics. It focuses on analytical methods with emphasis on calculus and is appropriate for students who enjoy mathematical problem solving and generalization. Students develop their skills in constructing mathematical arguments and in mathematical thinking, with and without the use of technology. Students will study topics organized in five major branches: Numbers and Algebra; Functions; Trigonometry and Geometry; Statistics and Probability; and Calculus. All these topics will be studied at a standard level. The course Mathematics: analysis and approaches SL is a complete subset of the Mathematics: analysis and approaches HL course. Assessments comprise periodic class tests and investigations. Final assessment involves a mathematical exploration (IA) worth 20% and two written exam papers worth 80% in total: Paper 1, for which the use of GD Calculator is not allowed, and Paper 2, for which the use of GDC is required.

Mathematics: applications and interpretation SL

Recommended:

Minimum Overall MYP Mathematics Extended grade 4 and minimum Criterion A grade 4 (or recognized equivalent)

Minimum Overall MYP Mathematics Standard grade 5 and minimum Criterion A grade 5 (or recognized equivalent)

This course is aimed at students who will go on to study subjects such as social sciences, natural sciences, statistics, business, economics, psychology, and design. It focuses on modelling and use of technology, with emphasis on statistics, and is appropriate for students who are interested in applying their mathematical knowledge in describing our world and solving practical problems. Students in this course develop skills in applying the power of technology and exploring mathematical models and enjoy mathematics best when seen in a practical context. They will study topics organized in five major branches: Numbers and Algebra; Functions; Trigonometry and Geometry; Statistics and Probability; and Calculus. All these topics will be studied at a standard level. Assessments comprise periodic class tests and investigations. Final assessment involves a mathematical exploration (IA) worth 20% and two written exam papers worth 80% in total. The use of GDC is required for both papers.

Group 6: Arts and Electives courses

Biology HL or SL – See Group 4: Experimental Sciences courses

Business Management SL or HL – See Group 3: Individuals and Societies courses

Chemistry SL or HL – See Group 4: Experimental Sciences courses

Chinese ab initio SL – See Group 2: World Languages courses

Economics SL or HL – See Group 3: Individuals and Societies courses

Psychology SL or HL – See Group 3: Individuals and Societies courses

School Supported Self-Taught Language – See Group 2: World Languages courses

Spanish ab initio SL – See Group 2: World Languages courses

Music HL

Recommended:

Audition with teacher

High Level students are required to present both creating and solo performing. By pursuing both creating and performing, this enables HL students to bring to their musical studies a wider perspective. It also allows them to pursue some work in more depth. The study of three components in an integrated way allows HL students to make not only more connections but, potentially, these connections may carry more importance and have more influence during their musical studies. This path of study allows HL students the opportunity to engage in music in a more complete way. The syllabus includes musical perception and analysis, the study of a prescribed work given by the IBO, and the study of musical genres, form, structure and styles from around the world. Students will also learn different ways to carry out a musical investigation to prepare them to achieve their own independent research. During the course, time will be dedicated to developing performance and composition skills.

Music SL

Recommended:

Audition with teacher

Standard Level is designed for the music student with a background in musical performance and/or composition. The syllabus includes musical perception and analysis, the study of a prescribed work given by the IBO, and the study of musical genres, form, structure and styles from around the world. Students will also learn different ways to carry out a musical investigation to prepare them to achieve their own independent research. During the course, time will be dedicated to developing performance and composition skills.

Visual Arts HL

Recommended:

Minimum MYP Visual Art grade of 5

New students to SSIS should have taken Visual Arts in their previous school and have an acceptable portfolio with at least five artworks

Students concentrate on studio work supported by the process portfolio and undertake a comparative study. The time allocation for Higher Level is 240 hours over the two-year course. The assessment criteria are differentiated according to level although the aims and objectives are the same. At Higher Level students must produce 8–11 pieces and there is an extra component to the comparative study. Students engage in practical exploration and artistic production and in independent contextual, visual and critical investigations that often connects to Theory of Knowledge and other subject areas. It promotes respect for cultural and aesthetic differences, creative thinking and problem solving.

Visual Arts SL

Recommended:

Minimum MYP Visual Art grade of 4

New students to SSIS should have taken Visual Arts in their previous school and have an acceptable portfolio with at least five artworks

Students concentrate on studio work supported by the process portfolio and undertake a comparative study. The time allocation for Standard Level is 150 hours over the two-year course. The assessment criteria are differentiated according to level although the aims and objectives are the same, with SL students producing 4–7 pieces. Students engage in practical exploration and artistic production and in independent contextual, visual and critical investigations that often connects to Theory of Knowledge and other subject areas. It promotes respect for cultural and aesthetic differences, creative thinking and problem solving.

The IBDP Core

**Note: All IBDP students must complete the three parts of the IBDP Core to achieve the Diploma

Creativity, Activity, Service (CAS)

The CAS requirement is a fundamental part of the programme and takes seriously the importance of life outside the world of scholarship, providing a refreshing counterbalance to academic studies. Creativity is interpreted broadly to include a wide range of arts activities as well as the creativity students demonstrate in designing and implementing service projects. Activity can include not only participation in individual and team sports but also taking part in expeditions and in local or international projects. Service encompasses a host of community and social service activities. Some examples include helping children with special needs, visiting hospitals and working with refugees or homeless people. Students are expected to be involved in CAS activities for the equivalent of at least three hours each week during the two years of the programme.

Our school has a CAS supervisor who is responsible for providing a varied choice of activities for students. A system of self-evaluation encourages students to reflect on the benefits of CAS participation to themselves and to others, and to evaluate the understanding and insights acquired.

Extended Essay (EE)

The EE is an independent, self-directed piece of research, culminating in a 4,000-word paper. As a required component of the Diploma, the EE provides an opportunity for students to engage in an in-depth study of a topic of interest within a chosen subject, as well as practical preparation for undergraduate research. During the EE process, students formulate an appropriate research question, engage in a personal exploration of their selected topic, communicate ideas, and develop reasoned arguments. Participation in the EE process develops students' capacity to analyze, synthesize and evaluate knowledge. Students are supported by guidance and encouragement from a supervisor (usually a teacher at the school).

Theory of Knowledge (TOK)

The Theory of Knowledge (TOK) requirement is central to the educational philosophy of the Diploma Programme. It offers students and their teachers the opportunity to reflect critically on diverse ways of knowing and on areas of knowledge, and to consider the role and nature of knowledge in their own culture, in the cultures of others and in the wider world. In addition, TOK prompts students to be aware of themselves as thinkers, encouraging them to become more acquainted with the complexity of knowledge and to recognize the need to act responsibly in an increasingly interconnected but uncertain world. It is a stated aim of TOK that students should become aware of the interpretative nature of knowledge, including personal ideological biases, regardless of whether, ultimately, these biases are retained, revised or rejected. TOK also has an important role to play in providing coherence for the student as it transcends and links academic subject areas, thus demonstrating the ways in which they can apply their knowledge with greater awareness and credibility.

SSIS High School Diploma program

The SSIS High School Diploma program (HSD) at SSIS is accredited by the New England Association of Schools and Colleges and offers a broad range of one and two-year courses.

By crediting the final two years of MYP (or an equivalent), the High School Diploma recognises student achievement from Grade 9 through to Grade 12. The final two years of the HSD encompass a broad range of courses and activities allowing students to enjoy a well-rounded education.

Course selection

HSD students can take a combination of High School Diploma courses and IB Diploma courses in most subject areas. The combination of courses that a student chooses to undertake should provide just the right amount of challenge necessary for a student to not only be successful but provide themselves with the best options for university entrance.

Subsequently, there are three types of course available in the HSD, described below in order of difficulty:

- **IB Diploma courses** – these mirror exactly the course and assessment that IB Diploma students undertake for a subject course. Students register with the International Baccalaureate to take the external examination (there is an examination fee) and the student receives certified IB course certificates in addition to the SSIS High School Diploma that they receive upon graduating.
- **HSD courses in IB classes** – these courses are taught within IB Diploma classes and cover some of the same content but, overall, less content with some modifications. Assessment for this course is specifically for the High School Diploma and is different to that found in IB Diploma.
- **HSD courses in standalone classes - (Maths Only)** this course is for High School Diploma students only and has a greater variety of assessment than IB Diploma courses provide. The course is still rigorous to prepare students more than adequately for university entrance.

The table on the following page gives a more detailed overview of the difference in courses available to High School Diploma students.

Understanding course and assessment differences in the HSD

| | Grade 11 - Semester 1 | Grade 11 - Semester 2 |
|--------------------------------|--|---|
| IB Diploma Course | Same as IB Diploma | Same as IB Diploma |
| HSD in IB class | Follows most, or all, of the IB course content with some differences, if needed. Assessment is modified based on HSD course guidelines and is to include only content covered in current semester. | Follows most, or all, of the IB course content with some differences, if needed. Assessment is modified based on HSD course guidelines and is to include only content covered in current semester. |
| HSD course (Maths only) | Separate course with specific assessment for that course. | Separate course with specific assessment for that course |
| | Grade 12 - Semester 1 | Grade 12 - Semester 2 |
| IB Diploma (Course) | Same as IB Diploma | Teacher assessed based on IB model of assessment, including mock examination. The mock examination should count as a significant component of Semester 2 grade. |
| HSD in IB class | Follows most, or all, of the IB course content with some differences, if needed. Assessment is modified based on HSD course guidelines and is to include only content covered in current semester. | Follows most, or all, of the IB course content with some differences, if needed. Assessment is modified based on HSD course guidelines and is to include only content covered in current semester. Students do not sit a formal mock exam at the same time as other Grade 12 students. Assessment follows similar path as previous semesters. |
| HSD course (Maths only) | Separate course with specific assessment for that course. | Separate course with specific assessment for that course |

HSD Diploma subjects offered at SSIS in 2020-21* Groups 1-3

| English courses | | (Ideally student should have a Language A from either Group 1 or Group 2) |
|---|---|---|
| IB Diploma courses English A Language and Literature SL or HL English B SL or HL | HSD courses in IB class English A Language and Literature English B | HSD only courses There are no Group 1 HSD standalone courses. |
| Language courses | | (Ideally a student should have a Language A from either Group 1 or Group 2) |
| IB Diploma Courses Chinese A, French A and German A Language and Literature SL or HL Japanese A and Korean A Literature SL or HL Chinese B SL only French B SL only Chinese ab initio SL only French ab initio SL Spanish ab initio SL only School Supported Self Taught Language (mother tongue) SL or HL | HSD Courses in IB class Chinese A, French A and German A Language and Literature Japanese A and Korean A Literature Chinese B SL only French B SL only Chinese ab initio SL only French ab initio SL Spanish ab initio SL only School Supported Self Taught Language (mother tongue) | HSD Only Courses There are no Group 2 HSD standalone courses. |
| Group 3 - Individual and Societies | | |
| IB Diploma Courses Business and Management SL or HL Economics SL or HL Psychology SL or HL | HSD Courses in IB class Business and Management Economics Psychology | HSD Only Courses There are no Group 3 HSD standalone courses. |

HSD Diploma subjects offered at SSIS in 2020-21* Groups 4-6

| Group 4 - Experimental Sciences | | |
|--|--|--|
| IB Diploma Courses Biology SL or HL Chemistry SL or HL Design Technology SL or HL Physics SL or HL Sports, Exercise and Health Science SL or HL | HSD courses in IB class Biology Chemistry Design Technology Physics Sports, Exercise and Health Science | HSD only courses There are no Group 4 HSD standalone courses. |
| Group 5 - Mathematics | | |
| IB Diploma Courses Mathematics: analysis & approaches SL/HL Mathematics: applications & interpretations SL only | HSD courses in IB class There are no HSD courses in IB classes for Mathematics | HSD only courses Mathematical Applications HSD |
| Group 6 - Arts and Electives | | |
| IB Diploma courses Biology SL or HL Business Management SL or HL Chemistry SL or HL Chinese ab initio SL only Economics SL or HL Music SL or HL Psychology SL or HL School Supported Self Taught Language (mother tongue) SL or HL Spanish ab initio SL only Visual Arts SL or HL | HSD courses in IB class Biology Business Management Chemistry Chinese ab initio Economics Music Psychology School Supported Self Taught Language (mother tongue) Spanish ab initio Visual Art | HSD only courses There are no Group 6 HSD standalone courses. Students can consider online courses offered by Virtual High School Learning (VHS Learning) . |

The award of the SSIS High School Diploma

Students must achieve a minimum of 24 credits from subject courses undertaken in Grades 9 to 12.

Credit is awarded to a subject achieving a subject score of 3 or above (out of 7) for 2 semesters of a subject in a given year e.g. a student achieving a score of 4 in English for Semester 1 and Semester 2 for Grade 10 English will achieve a credit. Alternatively, credit may be given if a student achieves a score of 3 or above for any two semesters of a subject course (e.g. a student who achieved a score of 2 in Grade 11, Semester 1 for Mathematics but subsequently achieves a score of 3 for Grade 11, Semester 2 and a score of 5 for Grade 12, Semester 1, will be awarded credit).

Students must have a minimum of 80% attendance in order to receive an SSIS High School Diploma, unless special circumstances prevent this from being achieved, under which the student would then apply for special consideration e.g. for documented medical cases.

There are three distinct pathways to earning the HSD diploma. The first pathway is for students attending SSIS in Grades 9-12, the second for students entering SSIS in Grade 10 or 11 and the third for students with documented special educational needs (SEN).

Students Attending SSIS in Grades 9 to 12

Students attending SSIS in Grades 9-12 must meet the course requirements outlined below to earn an HSD Diploma:

| | |
|------------------|-----------|
| First Language | 4 credits |
| Second Language | 3 credits |
| Humanities | 3 credits |
| Science | 3 credits |
| Math | 3 credits |
| Research Project | 1 credit |
| Electives | 7 credits |

*Electives include: Art, Design, Physical Health Education, 3rd Language, a second subject from Experimental Sciences or Individuals and Societies.

Note: Students at SSIS may achieve more than the minimum 24 credits needed for the Diploma and study in Grades 9 to 12 allows for 26 credits to be available to students, which they are encouraged to achieve for a stronger transcript. Additional credits achieved over and above the requirements are counted as additional elective credits.

Students entering SSIS in Grade 10 or 11

The second pathway is intended for students entering SSIS in Grade 10 or 11. Students are required to complete a minimum of 24 credits, which includes credits students bring with them from their previous school(s) evidenced in the form of an academic transcript. The main difference concerns the second language requirement. Students entering SSIS in Grade 10 or 11 are required to complete one language credit, which can be earned at either SSIS or a previous school.

| | |
|------------------|---|
| First Language | 4 credits |
| Second Language | 1 credit required (2 encouraged for college/university) |
| Humanities | 3 credits |
| Science | 3 credits |
| Math | 3 credits |
| Research Project | 1 credit |
| Electives | 9 credits |

*Electives include Art, Design, Physical Health Education, a 2nd or 3rd Language, a second subject from Experimental Sciences or Individuals and Societies

Note: Students at SSIS may achieve more than the minimum 24 credits needed for the Diploma study, which is dependent on what a student may have studied previously. Additional credits achieved over and above the requirements are counted as additional elective credits.

Students with identified and documented special educational needs (SEN)

Students with identified and documented learning or social challenges need to attain 22 credits from Grades 9-12 to earn the High School Diploma but have greater flexibility in earning their credits. Students with an identified SEN are not required to fulfil the second language credit, although they are encouraged to consider studying a second language. In lieu of the second language requirement, students may receive additional support in achieving their High School Diploma.

| | |
|------------------|-------------------------------|
| First Language | 4 credits |
| Second Language | (encouraged but not required) |
| Research Project | 1 credit |
| Humanities | 3 credits |
| Science | 3 credits |
| Math | 3 credits |
| Electives | 8 credits |

*Electives include Art, Design, Physical Health Education, a 2nd or 3rd Language, a second subject from Experimental Sciences or Individuals and Societies

Note: Additional credits achieved over and above the requirements are counted as additional elective credits.

Group 1: English

Note: Students wishing to study IB Diploma courses as part of their High School Diploma should consult the IB English section of this handbook and pay attention to any prerequisites or recommendations.

HSD English A Language and Literature

English A Language and Literature develops skills of textual analysis. A study of the formal structures of a text is combined with an exploration of the way the use of formal elements and our understanding of their meaning is affected by reading practices that are culturally defined. Teachers will construct the course to reflect the interests and concerns relevant to their students. All coursework is internally assessed and includes written tasks, oral presentations and commentaries and an examination.

HSD English B

English B is a language acquisition course for students with some background in the English language. While learning this additional language, students also explore the cultures connected to it. English B consists of five prescribed themes: identities, experiences, human ingenuity, social organisation, and sharing the planet. All coursework is internally assessed and includes written tasks, oral presentations and commentaries and an examination.

Group 2: World Languages

Note: Students wishing to study IB Diploma courses as part of their High School Diploma should consult the IB language section of this handbook and pay attention to any prerequisites or recommendations.

HSD Language and Literature (Available in Chinese A, French A and German A)

Language and Literature develops skills of textual analysis. A study of the formal structures of a text is combined with an exploration of the way the use of formal elements and our understanding of their meaning is affected by reading practices that are culturally defined. Teachers will construct the course to reflect the interests and concerns relevant to their students. All work is internally assessed and includes written tasks, oral presentations and commentaries and an examination.

HSD Language (Available in Chinese (Mandarin) B and French B)

Language B is a language acquisition course for students with some background in the target language. While learning this additional language, students also explore the culture(s) connected to it. Language B focuses on language acquisition in some of the following areas: social relationships, communication and media, global issues, health, customs and traditions, leisure, cultural diversity, science and technology. All work is internally assessed and includes written tasks, individual and/or group oral presentations and an examination.

HSD Language ab initio (Available in Chinese-Mandarin, French and Spanish)

Language ab initio is a language acquisition course for students with little or no experience of the language. It is organized around five themes: identities, experience, human ingenuity, social organization, and sharing the planet. Each theme has a list of topics that provide the students with opportunities to practice and explore the language as well as to develop intercultural competence. Through the development of receptive, productive and interactive skills, students acquire the ability to respond and interact appropriately in a defined range of everyday situations. All four language skills are assessed: reading, writing, listening, and speaking

HSD Literature (Available in Japanese A and Korean A)

Literature develops understanding of the techniques involved in literary criticism and promotes the ability to form independent literary judgments. It is a flexible course that allows teachers to choose literary works from prescribed book lists and to construct a course that suits the needs and interests of their students. All work is internally assessed and includes written tasks, oral presentations and commentaries and an examination.

School Supported Self Taught Language

Students may have the opportunity to complete a self-taught subject in their own native language with a trained IB tutor. Please speak to the DP coordinator if you are considering this option.

Group 3: Humanities

Note: Students wishing to study IB Diploma courses as part of their High School Diploma should consult the Humanities pages of this handbook and pay attention to any prerequisites or recommendations. All Humanities courses offer a HSD course within the IB class.

All subjects follow a curriculum adapted from the IB curriculum to ensure students cover the key elements of the subjects. All work is internally assessed and can include written tasks, individual and/or group oral presentations and an examination.

Group 4: Science

Note: Students wishing to study IB Diploma courses as part of their High School Diploma should consult the Science pages of this handbook and pay attention to any pre-requisites or recommendations.. All Science courses offer a HSD course within the IB class.

All subject follows a curriculum adapted from the IB curriculum to ensure students cover the key elements of the subjects. All work is internally assessed and can include written tasks, individual and/or group oral presentations and an examination.

Group 5: Mathematics

Mathematical Applications HSD

Mathematical Applications HSD enables students to appreciate, experience, and understand mathematics as a growing body of knowledge in contemporary situations. It gives relevance and meaning to their world and the world of enterprise. The subject provides opportunities for students to experience and learn the mathematical processes associated with investigating, modelling, and solving problems drawn from real or realistic contexts. All work is internally assessed and includes skills and applications tasks, investigative projects and a written examination.

Group 6: Options

Biology – See Group 4: Experimental Sciences courses

Business Management – See Group 3: Individuals and Societies courses

Chemistry – See Group 4: Experimental Sciences courses

Chinese ab initio – See Group 2: World Languages courses

Economics – See Group 3: Individuals and Societies courses

Psychology – See Group 3: Individuals and Societies courses

School Supported Self-Taught Language – See Group 2: World Languages courses

Spanish ab initio – See Group 2: World Languages courses

HSD Music – See Music SL

Music follows a curriculum adapted from the IB curriculum to ensure students cover the key elements of the subjects. All work is internally assessed and can include written tasks, individual and/or group oral presentations and an examination.

HSD Visual Arts – See Visual Arts SL

Visual Arts follows a curriculum adapted from the IB curriculum to ensure students cover the key elements of the subjects. All work is internally assessed and can include written tasks, individual and/or group oral presentations and an examination.

Virtual High School Learning (VHS Learning)

VHS Learning is an online high school that is fully accredited by both AdvancED and the Middle States Commission on Secondary Schools. It offers a wide variety of elective courses for students who are interested in studying a subject that we do not offer at SSIS. Most courses are offered on a semesterly basis and are asynchronous, so students do not need to commit to live lesson or teaching times. Students study independently and entirely online; they are not supervised by an SSIS teacher. They read lessons, work on and submit their assignments, participate in group projects, and contribute to class discussions at their own pace. Students complete and submit assignments on their schedule, and they can take up to 15 weeks to complete their class if extra time is needed.

The grade for the VHS course will appear on the student's transcript and report card and will be calculated as part of their grade point average (GPA). There is no additional cost for students to take a VHS course. However, due to the cost of a VHS course for the school, should a student choose to drop a VHS course, his or her parents are responsible for reimbursing the school for the cost of the course.

Participation in a VHS course is subject to approval by the Diploma Coordinator and Assistant Principal – Academic. To view the full range of courses on offer, go to <https://vhslearning.org/catalog>

The HSD Core

All HSD students must complete CAS, TOK and the Research Project in order to graduate with a High School Diploma.

Creativity, Activity, Service (CAS)

The CAS requirement is a fundamental part of the program and takes seriously the importance of life outside the world of scholarship, providing a refreshing counterbalance to academic studies. Creativity is interpreted broadly to include a wide range of arts activities as well as the creativity students demonstrate in designing and implementing service projects. Activity can include not only participation in individual and team sports but also taking part in expeditions and in local or international projects. Service encompasses a host of community and social service activities.

Some examples include helping children with special needs, visiting hospitals and working with refugees or homeless people. Students are expected to be involved in CAS activities for the equivalent of at least three hours each week during the two years of the program.

A CAS Coordinator is responsible for providing a varied choice of activities for students. A system of self-evaluation encourages students to reflect on the benefits of CAS participation to themselves and to others, and to evaluate the understanding and insights acquired.

High School Diploma Research Project

The HSD Research Project is an opportunity for students to develop their research and presentation skills in an area of personal and global significance by conducting a systematic exploration of sources and applying critical thinking skills. Students produce a product that demonstrates the results of their investigation and engage in an ongoing process of reflection and academic integrity. At the end of the project they have acquired knowledge and attributes that will serve them well in future studies and employment.

High School Diploma Theory of Knowledge (TOK)

HSD students at SSIS take TOK classes in integrated classes with DP students. TOK offers students and their teachers the opportunity to reflect critically on diverse ways of knowing and on areas of knowledge and to consider the role and nature of knowledge in their own culture, in the cultures of others and in the wider world. In addition, TOK prompts students to be aware of themselves as thinkers, encouraging them to become more acquainted with the complexity of knowledge and to recognize the need to act responsibly in an increasingly interconnected but uncertain world. It is a stated aim of TOK that students should become aware of the interpretative nature of knowledge, including personal ideological biases, regardless of whether, ultimately, these biases are retained, revised or rejected. TOK also has an important role to play in providing coherence for the student as it transcends and links academic subject areas, thus demonstrating the ways in which they can apply their knowledge with greater awareness and credibility.

It is a requirement of graduation that HSD students complete this course and receive a grade of A-D.