

IB Diploma Programme at NWSS

New Westminster Secondary



New Westminster Secondary

IB World School





We recognize and acknowledge the Qayqayt First Nation and all Coast Salish peoples on whose traditional and unceded territory we live, we learn, we play and we do our work.

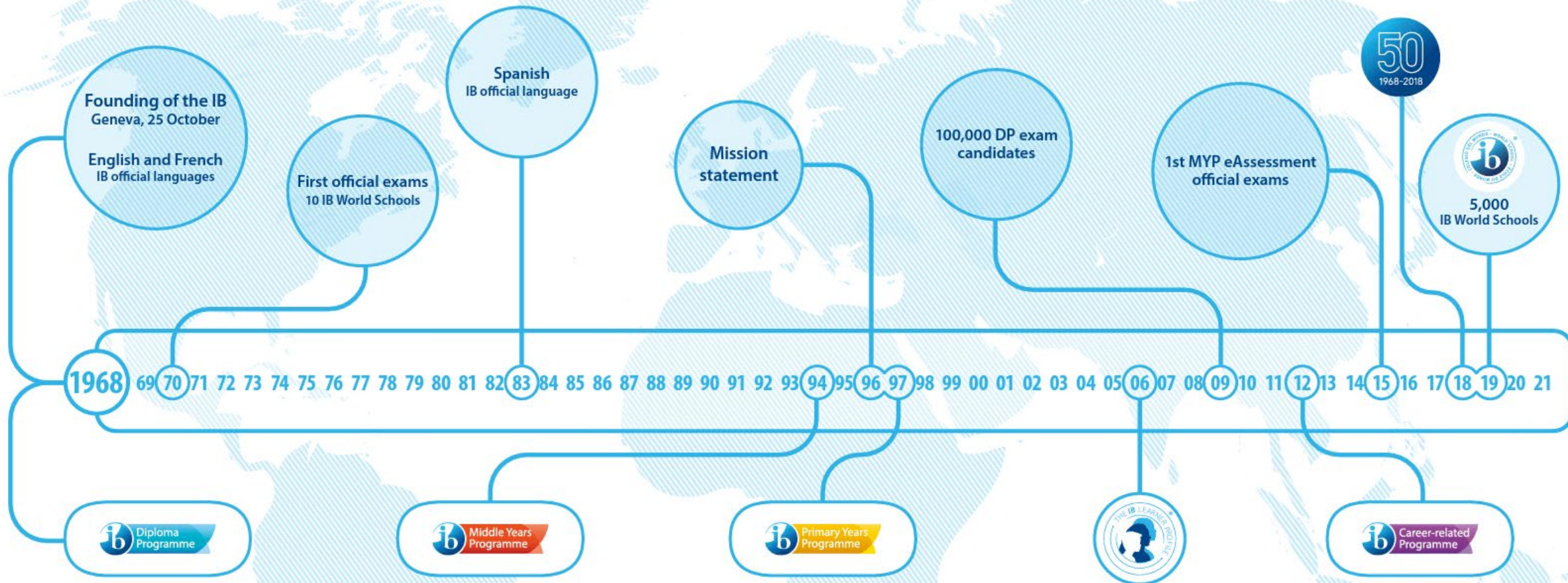
The International Baccalaureate

The IB mission statement: The International Baccalaureate® aims to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect.

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.



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Directors General

Alec Peterson	1968–1977
Gérard Renaud	1977–1983
Roger Peel	1983–1998
Derek Blackman	1998–1999
George Walker	1999–2006
Jeffrey Beard	2006–2014
Siva Kumari	2014–2021
Olli-Pekka Heinonen	2021–

Chairs of the Board of Governors

John Goormaghtigh	1968–1981
Seydou Madani Sy	1981–1984
Piet Gathier	1984–1990
Thomas Hagoort	1990–1996
Bengt Thelin	1996–1997
Greg Crafter	1997–2003
Monique Seefried	2003–2009
Carol Bellamy	2009–2015
George Rupp	2015–2020
Helen Drennen	2020–

IB Global Centres and Offices

Geneva, IB Foundation Office	1968–
Singapore, IB Global Centre	1982–
Cardiff, IB Global Centre	1989–
Washington DC, IB Global Centre	2010–
The Hague, IB Global Centre	2011–
New York, IB Office	1975–2010
University of London, Examiners Centre	1981–1984
Buenos Aires, IB Office	1982–2017
London, IB Office	1984–1986
University of Bath, Examiners Centre	1984–1989

IB Diploma Programme

- Students learn to more deeply understand the world around them, become more engaged citizens, hone their time-management skills, and develop across all areas of the IB Learner Profile.



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.

As IB learners we strive to be:

INQUIRERS

We nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.

KNOWLEDGEABLE

We develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.

THINKERS

We use critical and creative thinking skills to analyse and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.

COMMUNICATORS

We express ourselves confidently and creatively in more than one language and in many ways. We collaborate effectively, listening carefully to the perspectives of other individuals and groups.

PRINCIPLED

We act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere. We take responsibility for our actions and their consequences.

OPEN-MINDED

We critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.

CARING

We show empathy, compassion and respect. We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.

RISK-TAKERS

We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.

BALANCED

We understand the importance of balancing different aspects of our lives—intellectual, physical, and emotional—to achieve well-being for ourselves and others. We recognize our interdependence with other people and with the world in which we live.

REFLECTIVE

We thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development.

The IB learner profile represents 10 attributes valued by IB World Schools. We believe these attributes, and others like them, can help individuals and groups become responsible members of local, national and global communities.



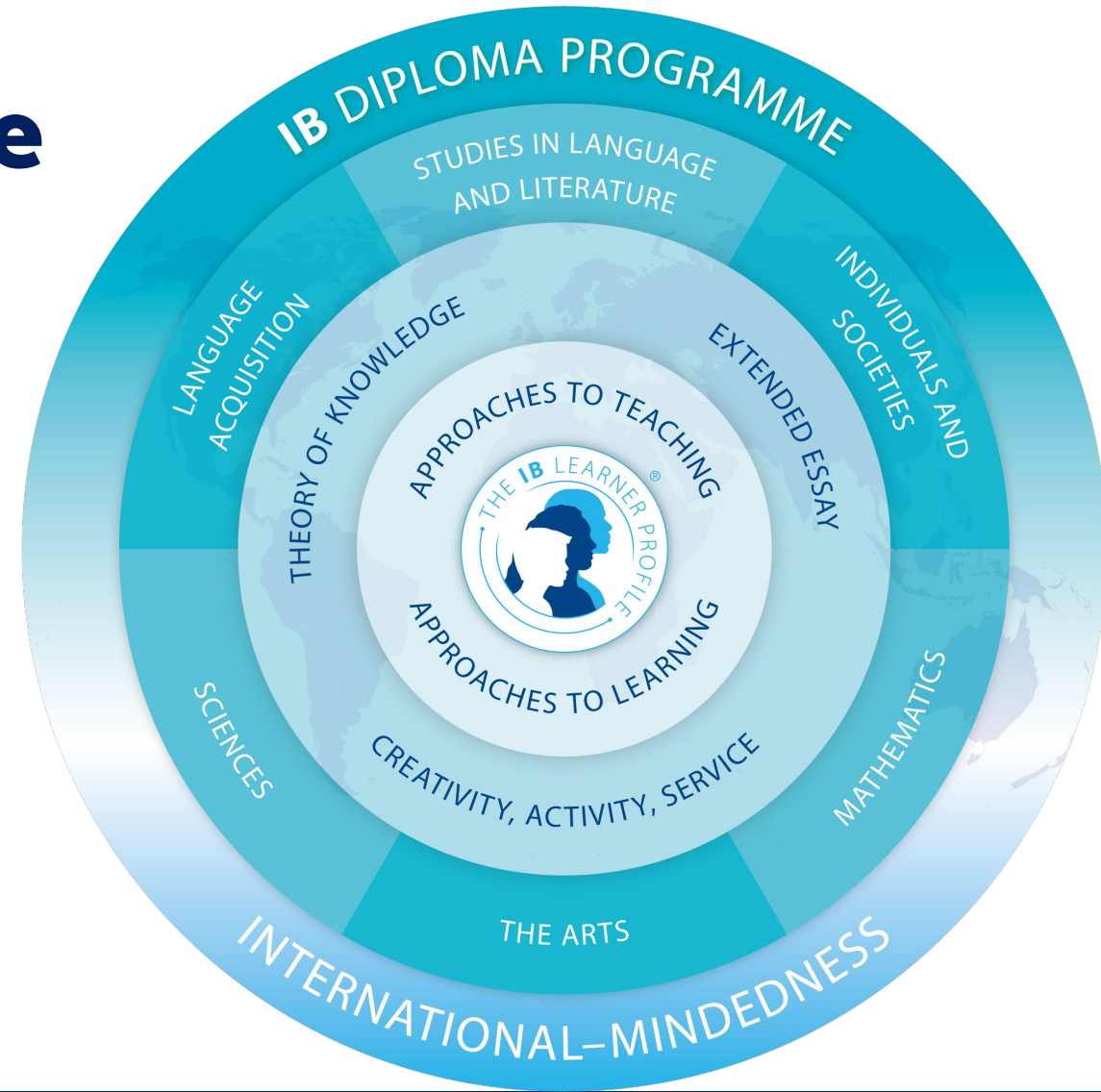
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IB Diploma Programme

- Learn using the methods of the disciplines
 - Grades based on exams and practical work (internal assessments)
- Guided by student interests and passions
- Learn skills for university and beyond
- Gives options for applying to University
- Earn University Credits
- Community of IB students and regularly trained IB teachers

Not just while at school, but also afterwards



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IB Develops Skills for Post-Secondary



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Preparation for University



Comparing university outcomes of International Baccalaureate Diploma Programme graduates to their peers in Toronto and Vancouver, Canada

Research summary June 2022

Summary developed by the IB Research department based on a report prepared by:
Professor Scott Davies (University of Toronto) and Professor Neil Guppy (University of British Columbia)

Study managed on behalf of the IB Research department by Dr Michael Thier

Conclusions

In summary, the results from this study indicate that DP graduates tend to perform better than their peers from traditional high school programmes across several university outcomes. Compared to graduates with traditional high school diplomas (OSSD and DW), DP graduates had significantly higher university grades. Additionally, DP students were less likely to drop out from university and were generally more likely to graduate in a timely manner. At both universities, DP graduates showed a greater likelihood of enrolling in science and engineering programmes as opposed to the arts and other faculties. DP graduates also fared well on a number of university outcomes compared to FI students, another enriched high school programme. In terms of province-specific findings, at UofT, DP students earned more merit awards and, at UBC, DP graduates were more likely to enrol in cooperative education programmes. Lastly, cursory comparisons to national data suggest that DP graduates at UofT and UBC tend to perform at substantially higher levels than typical Canadian undergraduates.



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Preparation for University



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'IB For All'

- New course additions designed to remove barriers to students wanting to take IB courses or pursue the IB diploma.
- Inclusion policy supports students with learning needs like in all other classes. Accommodations for IB exams possible.



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Who succeeds in IB?

Students who:

- Love to learn
- Have strong intrinsic motivation
- Are resilient
- Reflect the IB learner profile



The graphic features a silhouette of a person's head in profile, facing right. Inside the head, the words 'IB LEARNER PROFILE' are written in a circular arrangement. To the left of the head, a word cloud contains various attributes of the IB learner profile, including: KNOWLEDGEABLE, BALANCED, OPEN-MINDED, INQUIRERS, PRINCIPLED, COMMUNICATORS, THINKERS, and RISK-TAKERS. The background is a gradient of blue and white.

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.

As IB learners we strive to be:

INQUIRERS We nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.	OPEN-MINDED We critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.
KNOWLEDGEABLE We develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.	CARING We show empathy, compassion and respect. We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.
THINKERS We use critical and creative thinking skills to analyse and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.	RISK-TAKERS We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.
COMMUNICATORS We express ourselves confidently and creatively in more than one language and in many ways. We collaborate effectively, listening carefully to the perspectives of other individuals and groups.	BALANCED We understand the importance of balancing different aspects of our lives—intellectual, physical, and emotional—to achieve well-being for ourselves and others. We recognize our interdependence with other people and with the world in which we live.
PRINCIPLED We act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere. We take responsibility for our actions and their consequences.	REFLECTIVE We thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development.

The IB learner profile represents 10 attributes valued by IB World Schools. We believe these attributes, and others like them, can help individuals and groups become responsible members of local, national and global communities.



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IB Community and Events

- Ashland, Oregon trip
- Group camping
- IB Graduation Night



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Student Experience

Liya Li and Callum Purewal

Current students of the
IB Diploma Class of 2024



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IB Student Community



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Ashland, Oregon Trip



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IB Program Pathways – Full IB Diploma

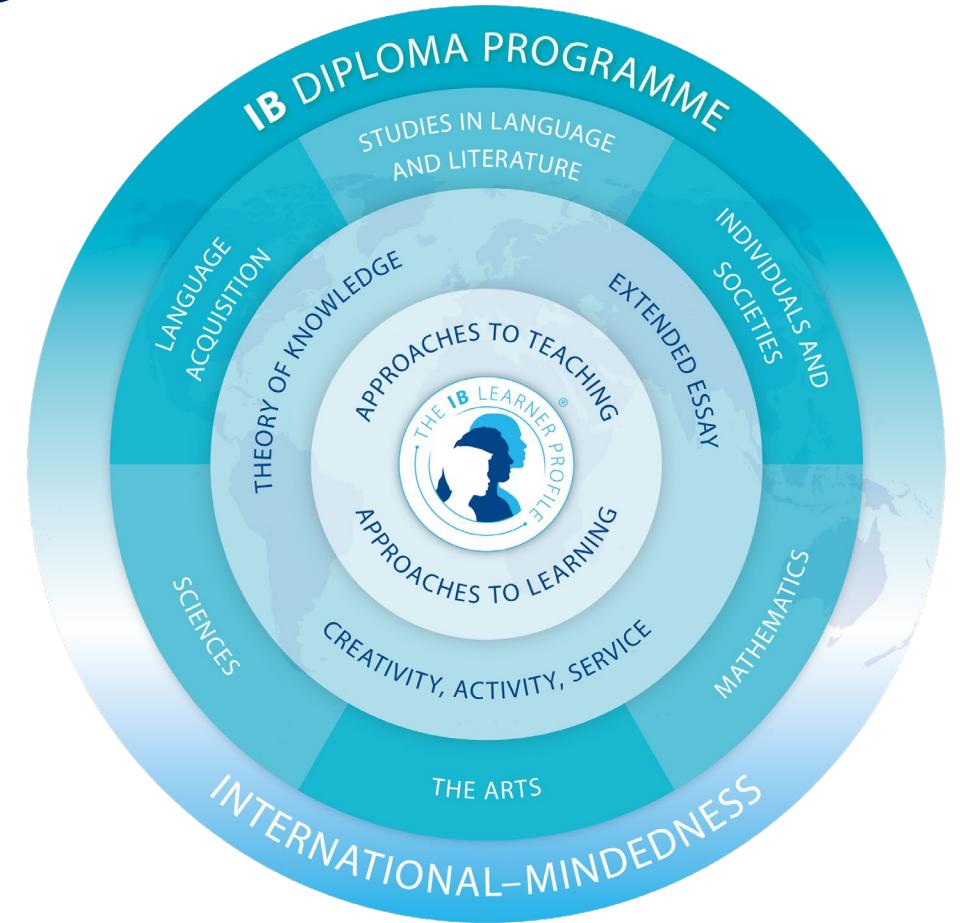
- 6 main subject courses + Core
 - Core: Theory of Knowledge (TOK) + Extended Essay + Creativity, Activity, Service (CAS)
 - 3-4 Subjects at the Higher Level (HL), 2-3 Subjects at Standard Level (SL)
- Diploma is scored out of a maximum of 45 points.
 - Each main subject is scored out of 7
 - Assessments based on exams and practical work (internal assessment)
 - Extended Essay + TOK grant 3 points.
 - Minimum score to earn a diploma is 24 (12 in HL).



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Full IB Diploma Advantages

- Recognized by more universities.
- Many universities offer full first year standing for diploma completion. Some course credits granted for lower grades when taken as part of the Diploma.
- Bonus points (Extended Essay + TOK) used by some universities for admission.
- Community within the program with other students/teachers.
- Core block (TOK, EE, CAS, IB Skills)



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IB Program Pathways – IB Courses

- 1-5 Subject Courses, one can be Theory of Knowledge + CAS
- Advantages:
 - Provides opportunity to engage in both IB courses and BC Curriculum courses.
 - Gives flexibility to students undertaking major commitments in areas like athletics, music, theatre, or trades courses.
 - Students can complete CLC 12 Grad Requirement through CAS if they choose.
- Drawbacks:
 - University transfer credit usually only for HL courses with scores of 5/6 or above.
 - Not as widely recognized as the full IB Diploma.
 - Chosen courses should work with scheduled linear pairings.



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IB Courses at NWSS

Group 1: English

English Literature HL

English Language and Literature SL

Group 2: Language Acquisition

French B HL (French Immersion)

French B SL

Chinese B SL

Spanish Ab Initio

Language A Self-Study

Group 3: Individuals and Societies

Global Politics HL/SL

Psychology HL/SL

Environmental Systems & Societies HL/SL

Group 4: Sciences

Biology HL/SL

Chemistry HL/SL

Physics HL/SL

Environmental Systems & Societies HL/SL

Group 5: Mathematics

Analysis and Approaches HL/SL

Applications and Interpretation HL/SL

Group 6: Arts

Visual Arts SL

Diploma Requirements – 6 main subject courses total:

- One course from each of groups 1-5.
- Additional course from group 3, 4, or 6.
- 4 (recommended) or 3 courses at the HL level. 2 or 3 at the SL level



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Course Planning Strategies

- A balanced diploma is a successful diploma.
 - One HL should be either English or Global Politics. Reason: Grade 11 Z Block.
 - Consider completing a major science in summer school to balance diploma courses.
 - Focus on the overall diploma balance.
 - Avoid making decisions to 'keep options open'. Choosing courses outside student interests can end up closing options.

Group 1: English
English Literature HL
English Language and Literature SL

Group 2: Language Acquisition
French B HL (French Immersion)
French B SL
Chinese B SL
Spanish Ab Initio
Language A Self-Study

Group 3: Individuals and Societies
Global Politics HL/SL
Psychology HL/SL
Environmental Systems & Societies HL/SL

Group 4: Sciences
Biology HL/SL
Chemistry HL/SL
Physics HL/SL
Environmental Systems & Societies HL/SL

Group 5: Mathematics
Analysis and Approaches HL/SL
Applications and Interpretation HL/SL

Group 6: Arts
Visual Arts SL



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Course Planning Strategies

- Use university entrance requirements as a reference point.
 - Most university websites will have IB-specific admissions information.

Pharmaceutical Sciences

Minimum requirements

- IB Math Analysis and Approaches SL **or** HL, **or** IB Math Applications and Interpretations HL. (IB Math Applications and Interpretations SL, or IB Math Studies, are not acceptable.)
- IB Chemistry
- Grade 11 or equivalent Biology

Note: Grade 11 Biology requirement listed is only relevant to students who are **not** completing the equivalent IB Diploma Biology course.

For students studying outside of Canada, some examples of courses that may be accepted as Grade 11 equivalents are junior-level courses for American students, and IGCSE and O Level for those following British-patterned curricula.

<https://you.ubc.ca/applying-ubc/requirements/international-baccalaureate/>



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Course Highlight: Global Politics

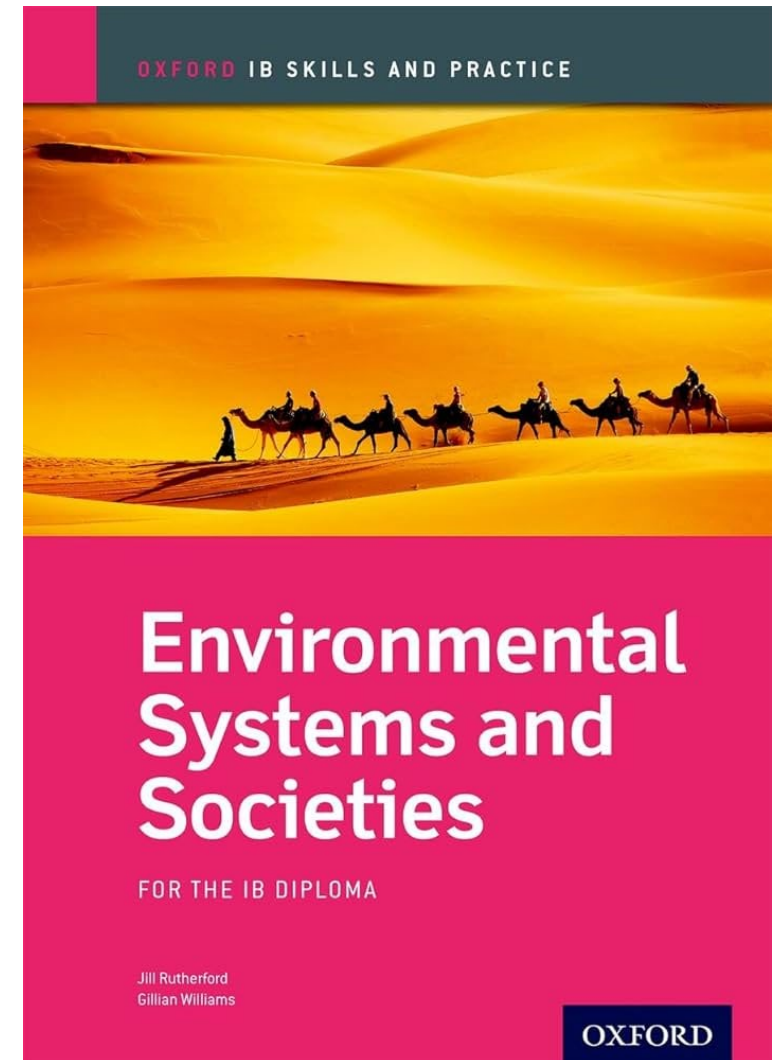
- Social Studies IB Option
 - Focus on global issues in the world today: Human Rights, Development, Peace/Conflict, International Relations
 - Engagement activity: Students get involved in an issue they are passionate about.



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Course Highlight: ESS

- Environmental Systems and Societies
 - An interdisciplinary course that looks at both the social and scientific study of the environment.
 - Ideal for students that want to focus on a route through IB centred on the humanities, social sciences, or social justice.
 - Excellent choice for students interested in a future in law, business, or social sciences like Psychology or Political Science.
 - Can be used as either a group 3 (Social Studies) or Group 4 (Science)



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Course Highlight: Visual Art

- IB Visual Art SL
 - A group 6 arts course for students to get a thorough appreciation for the analysis and creation of visual art.
 - Students get deep experience with the theory and practice of at least two different art forms.



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Course Highlights: Math

- Math: Applications and Interpretation
 - Focus on the real-world applications of mathematics through statistics and mathematical modelling.
 - SL course ideal for students pursuing fields like law, psychology, social sciences and humanities.
 - HL course recognized by universities for entrance into business, science, and engineering programs.
- The IB Math course selection choice should take serious consideration. Avoid applying for an inappropriate math course to 'keep options open'.
- Recommended option for students unsure whether to pursue physical sciences (Bio, Chem, Physics) or Social Sciences/Humanities (Psychology, Political Science, English, Arts): **Math AI HL with potential to switch to SL.**



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IB Core – TOK

- Theory of Knowledge
- Asks the question, “How do we know?”
- Explores the nature of knowledge across disciplines
- Encourages an appreciation of other cultural perspectives with a special focus on Indigenous perspectives



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IB Core – CAS

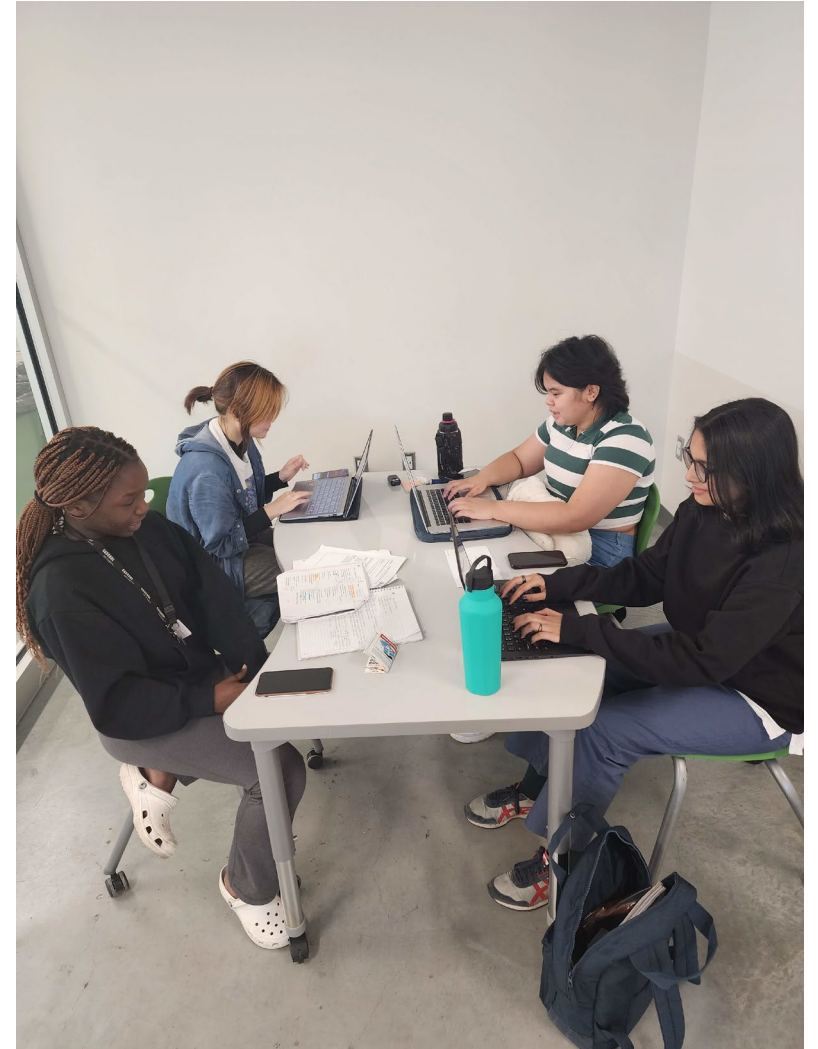
- Creativity, Activity, Service
- Encourages students to be involved in artistic pursuits, sports and community service
- Education outside the classroom
- Development of the learner profile



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IB Core – EE

- Extended Essay 4000 words in length
- Offers the opportunity to investigate a research question of individual interest supervised by an instructor with expertise in the field
- Familiarizes students with the independent research and writing skills expected at university



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Suggested grade 9-10 courses for anticipated IB students

Grade 9 or 10
Research in Motion 9
Grade 10
Honours Social Studies 10
Honours English 10
Honours Math 10
Honours Science 10
Honours French 10

Math AA HL/SL and AI HL

Pre-Requisite:

Pre-Calculus 11

Physics Pre-Requisite:

Physics 11

French Immersion Dual Dogwood:

Sciences Humaines 11



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What universities are saying

- As shown in the research, IB prepares students for the transition to university.
- As a result, universities aggressively recruit IB students and offer favourable admissions policies.



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What universities are saying: UBC

Summary of Admission Rates Comparing BC to IBDP

	BC	BC IBDP	Total
2022	8,329	610	8,749
2021	8,620	572	9233

2022 BC Admit Rate: 60%

2022 BC IBDP Admit Rate: 77%



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What universities are saying: UBC

IB SL Grade	IB HL Grade	IB HL Math Grade	% Equivalent
--	--	7	100
--	7	6	98
7	6	5	96
6	5	4	90
5	4	3	86
4	3	--	76
3	--	--	70

<https://vancouver.calendar.ubc.ca/admissions/applicants-international-baccalaureate-and-advanced-placement-courses>



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What universities are saying: SFU

INTERNATIONAL BACCALAUREATE

As an IB Diploma holder, you've already proved your academic skills. At SFU, we value your strong work ethic, solid organizational skills and a fierce spirit of inquiry. Join our university community in seeking out solutions that can make a difference.

WE GRANT:

- Diploma holders one full year of transfer credit (30 units)
- Transfer credit is awarded for higher level subjects within the diploma program (minimum score of 4)

If you are completing a partial IB program, we will consider you for admission on the basis of your secondary school results. Transfer credit will be granted for higher level courses completed with a minimum score of 5. Transfer credit is not awarded for standard level courses.

<https://www.sfu.ca/students/admission/admission-requirements/international-baccalaureate.html>



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What universities are saying: SFU

FALL 2022 HIGHLIGHTS

IB: Domestic

- Received 693 domestic IB applications
- 89% of applicant pool received offer

IB: Within BC

- Received 507 BC IB applications
- 94% applicant pool received offer

IB: International

- Received 585 international IB applications
- 72% applicant pool received offer

FALL 2023 SCHOLARSHIPS

UNDERGRAD SCHOLARS ENTRANCE SCHOLARSHIP (USES)

- Grades in the 90% range in courses required for admission to primary program, or 31 IB points (excluding predicted bonus points)
- Eligible for Canadian citizens, Permanent Residents, and International applicants
- Separate application required
- Applications now open
- Deadline: December 15th, 2022

UGGLA FAMILY SCHOLARSHIP (UFS)

- Awarded to 10 students
- Offering financial aid and leadership development opportunities
- Eligible for Canadian citizens and Permanent Residents
- Separate application required
- Applications now open
- Deadline: January 15th, 2023



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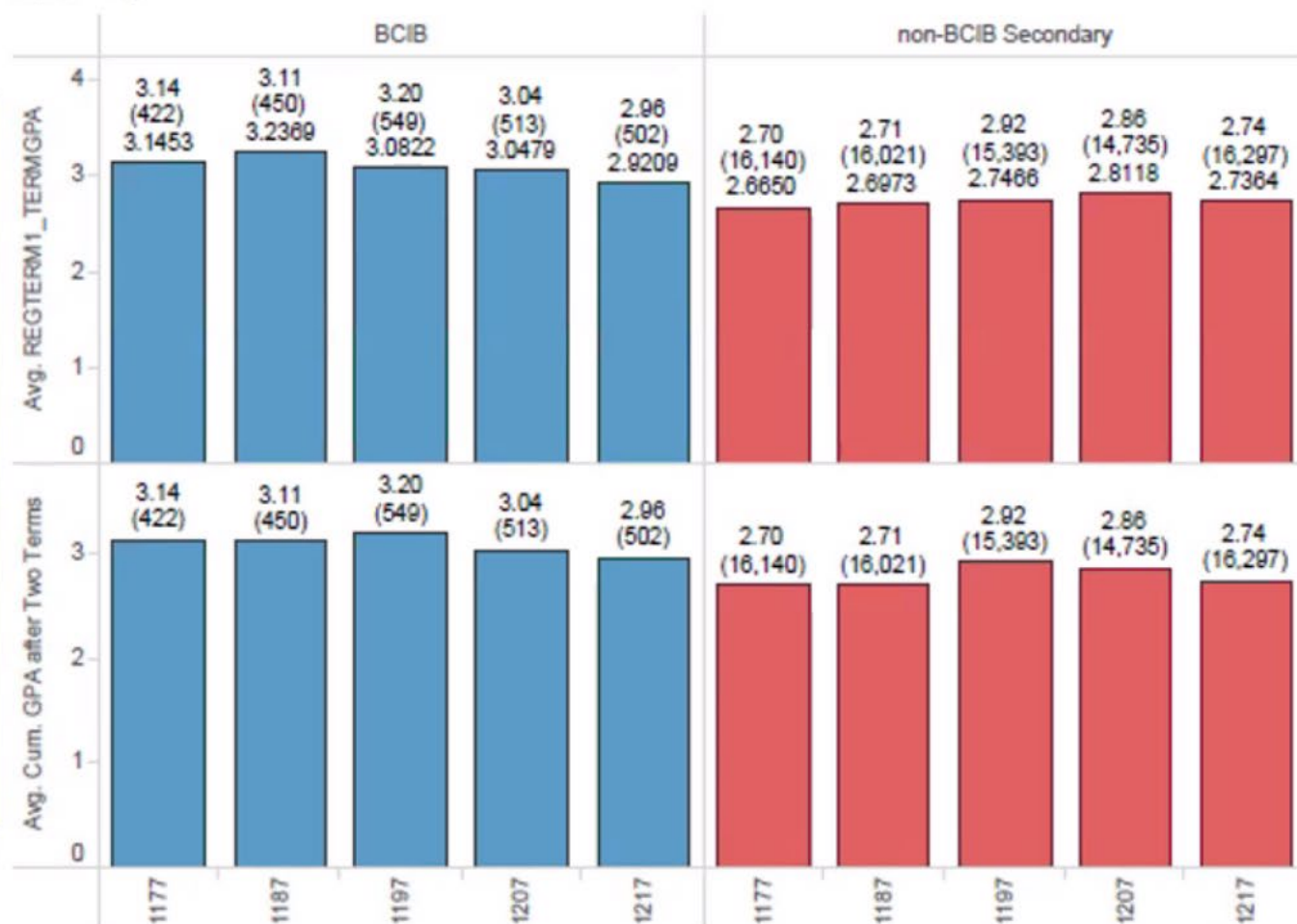
BCIB ACADEMIC SUCCESS AT SFU

figure 4: Academic Standing after two terms
2016 - 2020

		Good Academic Standing	Academic Difficulty	NR*
BCIB	1167	90%	7%	4%
	1177	91%	7%	2%
	1187	91%	7%	2%
	1197	95%	3%	2%
	1207	92%	7%	1%
non-BCIB secondary	1167	77%	19%	4%
	1177	79%	17%	4%
	1187	80%	16%	4%
	1197	88%	8%	3%
	1207	86%	10%	4%

NR*: Students who did not register to courses by the end of term two and have not returned to SFU to date.

figure 5: GPA trends by intake
2017 - 2021



Applications: Due February 1st

- Students should demonstrate intrinsic motivation, resiliency, and reflect the learner profile.
- Recommended B Average in Academic Courses, score of 3 on provincial assessments. All applications considered.
- Application session for students: **Tues. Dec 5th at lunch in the Library**

Required Application Documents
IB Application Questionnaire
Full IB Diploma OR Partial IB Course Selection Page
Signed Parent Form
Grade 9 Final Semester 1 and Semester 2 Report Cards
Most Recent Grade 10 Report Card



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IB Fees

Successful applicants to the IB Diploma Programme will be responsible for the following fees:

- **Exam Fees:**

- \$119 USD per exam (Both for Diploma and Course)
- Diploma and Course students taking 3+ courses in grade 11 pay \$500 CAD exam fee deposit.
- Remainder of exam fees paid in grade 12. (appx. \$550 for Diploma)

- **Program Fees:**

- **Diploma:** Grade 11: \$150 fee. Grade 12: \$200 fee.
- **Courses:** Grade 11: \$50 / course (up to \$150). Grade 12: \$50 /course (up to \$200).
- Program fees support annual IB World School fee, additional online tools and specific IB resources.
- If families need to discuss financial need, they are welcome to contact our Principal, Murray McLeod



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"In many of my first year courses, I'm recognizing much of the same materials that I learned in the later parts of IB courses. In addition, general time management, critical thinking and prioritization are skills I learned in IB that I use regularly in university."

Amy Vurdela, IB Class of 2023
University of Victoria, Engineering



"I'm not going to lie, the two years you spend in IB are extremely difficult but, I feel quite prepared for undergrad life. IB has taught me how to deal with an overwhelming amount of course material, to study effectively and manage time well."

Ana Maletic, IB Class of 2023
McMaster, Physical and Chemical Sciences



"IB prepared me for university by being academically rigorous and allowing students to refine their study strategies before entering university. For science, IB taught me how to write experiment reports and do academic research correctly."

Angel Xu, IB Class of 2023
UBC, Science



"IB taught me time management of extracurriculars with academics, citations and organization, writing papers, but most importantly knowing how to bounce back from failure."

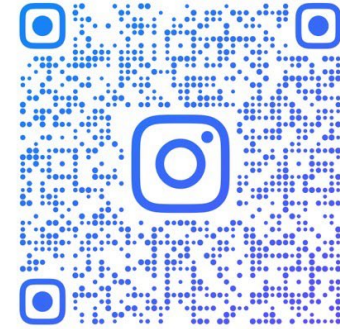
Bridget Li, IB Class of 2023
McGill, Political Science and Biochemistry



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More Information

- Please visit <https://nwss.ca/ib> for more information. I update the page regularly.
- Upcoming info sessions:
 - **Application Session for Students:** Tuesday December 5th. Lunchtime in the NWSS Library.
 - **Application and Course Selection Session for Grade 10 Parents and Students:** Part of the Discover New Westminster Schools Event. Tuesday, January 9th. 6:45-7:30pm. NWSS Theatre.



@IBGETTING40S

**IB CAS Student-led
Instagram page.**



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Questions?

- For any questions after today's presentation, please feel free to contact me at pkorczyk@sd40.bc.ca
- Subscribe to the NWSS Admissions mailing list



NWSS IB Admissions 2023-24



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