



**Student Application for the International Baccalaureate
Diploma Program for the school year 2019-2020**

The IB program is a challenging academic curriculum designed for students who:

- Demonstrate an active, ambitious and creative approach to learning
- Exhibit a serious and honest work ethic
- Maintain an academic transcript of commendable grades

Name _____ Current Grade _____

Please attach a typed paper that addresses the following two prompts.

- Give an example of being self-motivated.
 - Give an example of how you will contribute to the overall success of the IB program.
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Following are the IB courses offered at Donovan Catholic. *Required

<u>ENGLISH</u>	<u>WLD.LANG</u>	<u>SOC.STUD.</u>	<u>SCIENCE</u>	<u>MATH</u>	<u>ARTS</u>
Literature HL*	Spanish SL*	History HL* Psychology HL	Biology HL Chemistry HL Physics SL	Math Analysis SL*	Visual Arts SL
<u>THE CORE*</u> TOK, EE, CAS			Environmental Systems and Societies SL		

The attached paper explains the possible course combinations available for grade 11. Look over the course descriptions and choose the one combination that best fits your needs and put the number HERE.

Your counselor will schedule an interview with you. Interview date and time _____

Student's signature *Date*

Parent's signature *Date*

Counselor's initials _____ *IB Coordinator's initials* _____

This form must be submitted to your guidance counselor by February 15, 2019.



BRIEF DESCRIPTIONS OF IB COURSES

GROUP 1: Literature HL 1 & 2 (2 years, 10 credits) Students study a minimum of four works of different genres (from works in translation, novels, historical fiction, drama, poetry, and collections of non-fiction essays, travel essays and speeches) by authors representing four different cultures

GROUP 2: Spanish SL 1 & 2 (2 years, 10 credits) Students will build on their base of knowledge of the Spanish language in this rigorous, challenging program to expand that knowledge to a deeper intercultural understanding and as a basis for further study, work, leisure, enjoyment, creativity and intellectual stimulation

GROUP 3: History of the Americas HL 1 & 2 (2 years, 10 credits) 1) The Great Depression and the Americas 2) The Move to Global War 3) Second World War. Students will develop their skills of research methods, analysis, critical reflection, and interpretation through historiography.

GROUP 3: Psychology HL 1 & 2 (2 years, 10 credits). The holistic approach reflected in the curriculum, which sees biological, cognitive and socio-cultural analysis being taught in an integrated way, ensures that students are able to develop an understanding of what all humans share, as well as the immense diversity of influences on human behavior and mental processes.

GROUP 4: Biology HL 1 & 2 (2 years, 10 credits) Students will become aware of how scientists work and communicate with each other. Teachers provide students with opportunities to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers and evaluate and communicate their findings.

GROUP 4: Chemistry HL 1 & 2 (2 years, 10 credits). Study includes the impact of chemistry on society, moral and ethical dilemmas. Course topics include: quantitative chemistry; atomic structure; periodicity; bonding; energetics; kinetics; equilibrium; acids and bases; oxidation and reduction; organic chemistry; and measurement and data processing

GROUP 4: Physics SL 1 & 2 (1 year, 2 semesters, 10 credits) IB Physics exposes students to this most fundamental experimental science, which seeks to explain the universe itself – from the very smallest particles to the vast distances between galaxies. Topics include mechanics, thermal physics, oscillations and waves, electric currents, atomic and nuclear physics.

GROUP 5: Environmental Systems and Societies SL 1 & 2 (2 years, 10 credits)

Students will gain a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face.

GROUP 5: Math Analysis SL 1 & 2 (2 years, 10 credits) This course is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content. Topics include sequences and series, logarithms and exponentials, trigonometry, statistics and an intro to Calculus.

GROUP 6: Visual Arts SL 1 & 2 (1 year, 2 semesters, 10 credits) Students who want to go on to study visual arts in higher education as well as those who are seeking lifelong enrichment through visual arts will benefit from this course. It will encourage students to challenge their own creative and cultural expectations and boundaries.

THE CORE

Theory of Knowledge -In this critical thinking course, students examine the nature of knowing and knowledge in all disciplines and demonstrate understanding through oral presentations and extended essay preparation.

Creativity, Action, Service (CAS) takes students through a multitude of activities to complement their academic pursuits throughout the Diploma Program. They incorporate the arts, creative thinking, and physical exercise.

Extended Essay - Students research and consider a topic of contemporary global significance related to one IB discipline. They explore the topic in scholarly databases, analyze, synthesize and evaluate their findings, communicate their ideas and develop a substantive evidence-based argument.

SEVEN POSSIBLE COURSE COMBINATIONS for IB Diploma 2019-2020

Important for Sophomores!

Students must choose 6 subjects, 3 or 4 HL and 2 or 3 SL.

HL: Literature, History, Chemistry, Biology, Psychology

SL: Spanish, Math Analysis, Environmental Systems, Physics, Visual Arts

	1	2	3	4	5	6	7
Group 1 Lit.	Literature HL 1	Literature HL 1	Literature HL 1	Literature HL 1	Literature HL 1	Literature HL 1	Literature HL 1
Group 2 Lang.	Spanish SL 1	Spanish SL 1	Spanish SL 1	Spanish SL 1	Spanish SL 1	Spanish SL 1	Spanish SL 1
Group 3 Soc. Stud.	History HL 1	History HL 1	History HL 1	History HL 1	History HL 1	History HL 1	History HL 1
Group 4 Science	Physics SL 1	Biology HL 1	Environmental Systems SL 1	Environmental Systems SL 1	Biology HL 1	Environmental Systems SL 1	Biology HL 1
Group 5 Math	Math Analysis SL 1	Math Analysis SL 1	Math Analysis SL 1	Math Analysis SL 1	Math Analysis SL 1	Math Analysis SL 1	Math Analysis SL 1
Groups 3, 4, 6 SS.Sci.Art	Chemistry HL 1	Psychology HL 1	Chemistry HL 1	Visual Arts SL 1	Chemistry HL 1	Psychology HL 1	Visual Arts SL 1
Religion	Religion 11	Religion 11	Religion 11	Religion 11	Religion 11	Religion 11	Religion 11
One year SL course	Physics SL 2	Elective	Elective	Visual Arts SL 2	Elective	Elective	Visual Arts SL 2