

# WELCOME TO BOURGET COLLEGE GRADES 10, 11 AND 12 English Sector

Bourget College provides students the opportunity to obtain a Quebec Secondary School Diploma. The College offers the full Quebec curriculum in Grade 10 and 11, as well as optional classes through our Passion Pathways, such as sports, arts, music and dance. Our students have daily study periods integrated into their schedule where the Bourget College teachers offer academic support to their students.

Bourget College offers the opportunity for students to continue their education in Pre-University Grade 12 to obtain the Ontario Secondary School Diploma (OSSD), which is issued by the Ontario Ministry of Education via the Ontario Virtual School.

Bourget College aims to foster personal autonomy, academic development, and perseverance, in keeping with the Collège Bourget mission and goals.

Welcome to Bourget College.

Nicholas Hayter

Director, Bourget College



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# QUEBEC SECONDARY SCHOOL DIPLOMA GRADES 10 AND 11 REQUIREMENTS

To receive the Quebec Secondary School diploma, students must meet all the requirements below:

- Accumulate 54 credits in Grades 10 and 11, including 20 from the Grade 11.
- Achieve the following Grade 10 courses:
  - ⇒ Mathematics (6 credits)
  - ⇒ Science and technology (4 credits)
  - ⇒ History of Quebec and Canada (4 credits)
  - ⇒ Drama (2 credits)
- Achieve the following Grade 11 courses:
  - ⇒ English Language Arts (6 credits)
  - ⇒ French as a Second Language (4 credits)
  - ⇒ Physical Education or Ethics and Religious Culture (2 credits)

Quebec Ministry of Education exams must be written in the following subjects:

- Grade 10 Mathematics, History and Science
- Grade 11 English and French



#### Grade 10 Curriculum

Compulsory courses:	Credits		
English Language Arts	6		
French as a Second Language	4		
History of Quebec and Canada	4		
Drama	2		
Physical Education	2		
Science and Technology	4		
Sciences EST (Environnemental Science and Technology) <sup>2</sup>	4		
Mathematics SN (Sciences Natural) <sup>1</sup>			
Entrepreneurship	2		
Ethics and Religious Culture	2		

## 1: SN Mathematical Profile (enriched)

The student will use mathematics to perform complex algebraic manipulations. This path uses the student's ability to abstract, with an emphasis on research, development, and analysis of models from experiments primarily in the scientific fields.

This program prepares the student to continue their studies in the field of business and the natural sciences. The student who follows this path may be eligible for Physics and Chemistry in Grade 11 and college programs related to mathematics and natural sciences in Quebec.

#### 2: EST Science Profile (enriched)

This advanced science program is added to the basic Science and Technology (ST) program. It allows the student to understand additional and more complex concepts related to materials (nuclear energy, electricity, etc.), technology (mechanics, biotechnology, etc.), the universe of earth and space (atmosphere, geology, etc.) and the living world (genetics, ecology, etc.).

Please note that pre-university college programs in natural sciences and several technical college programs require the success of the EST course.



#### Grade 11 Curriculum

	Credits	Compulsory courses:
Students must a	4	French as a Second Language (regular or enriched)
	2	Drama
	6	English Language Arts
Natural Sciences Profil	2	Physical Education
	2	Contemporary World
	2	Financial Education
Mathematics SN	2	Entrepreneurship
	2	Ethics and religious culture
Physics		

Students must also choose an academic profile below							
Grade 11 profiles							
Natural Sciences Profile <sup>1</sup>	Credits	Social Science Profile <sup>2</sup>	Credits				
Mathematics SN	6	Mathematics CST or Mathematics SN	6				
Physics	4	20 <sup>th</sup> Century History	4				
Chemistry	4	Politics	4				
Natural Science Profile pro requisites 70% Average in Grade 10							

Natural Science Profile pre-requisites - 70% Average in Grade 10 Mathematics SN and EST Sciences

### Prerequisites: 70 % minimum mark in Grade 10 Mathematics SN and EST Sciences

This profile is designed for students who want to understand the origins of various phenomena and how they work, as well as explain and make decisions about them. The program aims to strengthen and expand students' scientific and technological literacy. It is also intended to educate students about the impact of science on individuals, society, and the environment, as well as to prepare students for careers in science or technology.

**Mathematics SN:** By focusing on the properties of mathematical objects, this option places greater emphasis on students' capacity for abstract thinking in that they are required to perform more complex algebraic operations. The emphasis is on finding, developing, and analyzing models within the context of experiments mainly related to different scientific fields.

**Physics:** The compulsory concepts are organized around general concepts related to kinematics, dynamics, transformation of energy and geometric optics.

**Chemistry:** The compulsory concepts of this course are organized around general concepts related to gases, energy changes in reactions, reaction rates and chemical equilibrium.



<sup>&</sup>lt;sup>1</sup> Natural Sciences profile

#### <sup>2</sup>Social Science profile

This profile piques students' interest in social causes and will assist students in becoming autonomous citizens who are active and thoughtful members of society. They will be prepared for studies in the arts, communications, humanities, and social sciences because of the learning content.

Mathematics CST: It involves a greater use of statistics and discrete mathematics and emphasizes situations that students will encounter in their personal and professional lives. \*Note that there is the possibility to take SN Mathematics in the Social Science profile

**20<sup>th</sup> Century History:** The course favors a political approach to the history of the 20th century. This approach takes in all aspects of society, considering them in terms of international relations and the ideological movements that influence them.

**Politics:** The concepts of this course are developed around five themes: Environment, Population, Power, Tensions and conflicts and Wealth. The themes chosen represent concerns that are both global and enduring.

# GRADE 12 ONTARIO SECONDARY SCHOOL (OSSD) PRE-UNIVERSITY GRADE 12 REQUIREMENTS

To receive the Ontario Secondary School Diploma (OSSD), the student must meet all the requirements listed below.

- Completed Grade 11\*
- Prerequisites according to pre-university program chosen
- Choose an academic profile: Science, Business or Humanities
- Successfully complete 7 pre-university (4U or 4M) courses
- Complete 10 hours of community service

The OSSD is issued by the Ontario Ministry of Education through the Ontario Virtual School.

\*Students may retroactively register in courses as of Grade 10 if they are missing prerequisites for a particular program. Example: advanced math.

# Students must choose one of the following academic profiles:

Science	Business	Humanities
Grade 12 English	Grade 12 English	Grade 12 English
Advanced Functions	Advanced Functions	6 elective courses
Mathematics	Mathematics	
		Examples:
Calculus and Vectors	Calculus and Vectors	World History
(optional)		Philosophy
	Choice of 2 Commerce courses:	Human Development
Choice of 2 Science courses:	(Canadian and International Law,	
(Chemistry, Physics or Biology)	International Business	
	Fundamentals or Economics)	
2 elective courses		
	2 elective courses	
Prerequisites:	Prerequisites:	Prerequisites:
Grade 11 SN Mathematics,	Grade 11 SN Mathematics	Completed Grade 11
Physics or Chemistry		

<sup>\*</sup>See Northern Pre-University for more information on programs

