

Beaconsfield High School

Course Option Descriptions 2023-2024

Secondary 1 & 2

Visual Arts

In this course students will become familiar with the basic visual elements and principles of art as well as various art techniques and styles. They will also learn about famous historical and contemporary artists, and experiment with different media and materials. Students will be encouraged to explore their creativity and imagination to produce different forms of artwork such as two or three dimensional, figurative, abstract, still, or animated pieces.

Drama

The drama program at BHS allows for the development of acting abilities through voice training, body movements and creative expression. Students will learn about plot development, improvisation, monologues, script study, short plays and much more. They will have the chance to create, perform and appreciate dramatic works.

Music

This course introduces the student to the basics of music techniques and musicianship through band performance and appreciation. This includes care of the instrument, correct posture and playing position, correct embouchure, tone production, breath control and fingerings. Basic music rudiments and rhythms are also a part of the objectives of this program. A variety of the instrumental musical styles are used to teach the student the above fundamentals. Throughout the students' musical experience in the department, they will be given many performance opportunities. Absolutely no previous experience is necessary, however, students with previous experience will be equally challenged!

Visual Arts: Robotics

Keep up with the future of innovation; a course where learning happens at light speed. Do you want to learn about Science, Technology, Engineering, Art, and Math in a new way, while having fun doing a hands-on project? Then this is the course for you! Using Lego robotics, you can push the limit of your imagination and problem-solving skills. Show your creative side and your innovative side. This course will adapt to your experience using Lego robotics from beginner to advanced levels.

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Secondary 1 Physical Education Option Preference

Advanced Physical Education: sport/activities offered include volleyball, basketball, playing low organized games, creating an individual movement sequence, ultimate Frisbee. Please note that these activities will be played at a higher intensity and in a more competitive environment.

Regular Physical Education: sport/activities offered include ultimate frisbee, individual gymnastics, volleyball, basketball, badminton. Please note that these activities will be played at a lower intensity and in a less competitive environment.

We may not be able to accommodate a student's preference based on the student's academic schedule.

Secondary 2 Physical Education Option Preference

Advanced Physical Education: sport/activities offered include volleyball, badminton, playing low organized games, handball, mini-Olympics. Please note that these activities will be played at a higher intensity and in a more competitive environment.

Regular Physical Education: sport/activities offered include flag football, fitness show, basketball, badminton, mini-Olympics. Please note that these activities will be played at a lower intensity and in a less competitive environment.

We may not be able to accommodate a student's preference based on the student's academic schedule.

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Secondary 3

General Science

In general science students will find solutions to scientific or technological problems, make use of knowledge about science and technology, and communicate using scientific and technological language and symbols. This course builds on concepts from the living, material, and technological worlds. In the General Science Program, an earth and space unit is also taught.

General Science – Enriched

This course would cover all the required grade 9 science content, but some topics would be covered in greater depth and additional topics would be included. The students would be instructed/evaluated/assessed at a more challenging level than in the regular program. Emphasis would be on learning through the discovery method and on higher order thinking skills, two crucial skills for success in the grade 10 advanced level program. The aim of this course is to better identify and/or prepare students for placement in grade 10 advanced science. **Prerequisites:** minimum mark of 75% in grade 8 science (in both competencies), 75% in grade 8 math and/or teacher recommendation.

Visual Arts

In this course students will be exploring many forms of media such as painting, drawing, print making, engraving, assembling and sculpture. They will also become familiar with the elements of visual arts and principles of design. Students will apply their imagination and creativity to create personal images. By appreciating the historical aspects of art and applying elements and principals of design, students will be able to create their own contemporary pieces. Students will also develop their **critical judgment** and their **aesthetic awareness**.

Art Studio

This course is a more advanced visual arts class, which allows you more freedom to discover your inner artist. Art journaling will be introduced. This is a great option for artistic students who have not had the opportunity to take visual arts.

Computers: Programming

Students will learn the basics of game programming on the computer and will be able to create their own video games after one term of tutorials. Group collaboration will simulate a real work environment similar to gaming companies, providing a realistic work experience.

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Creative Movement

Introduces grade 9 students to nutrition, fitness, and health related curriculum with an emphasis on sport activity. They will study the relationship between sport and fitness and the impact of exercise on their daily lives. Concepts combining exercise and fun will hold importance.

Debating & Public Speaking

Do you love to argue with people? Prove you're right, and defend yourself to the ends of the Earth? Then this is the course for you! You'll learn how to form arguments and counter-arguments in multiple styles of debating and a vast array of topics. Students will have the option of competing in local tournaments against other schools with a debate partner. However, if you're shy of speaking in front of people and want to overcome that fear, learning techniques along the way, then this course also has a Public Speaking component. You'll learn how to organize your thoughts, relaxation techniques, master your voice, and hook your audience for a memorable presentation. By the end of the year, you'll be a much more confident speaker...guaranteed!

Drama

This is a "bridge" course in the sense that it builds on the skills learned in Secondary 1 and 2 yet prepares students for the Drama Studio programs in Secondary 4 and 5. No previous experience is necessary, but it's a plus. To this end, the Secondary 3 year is a mix of exploring original and published scripts to get used to producing plays on a larger scale. The focus of the year is on character design and performance through solo, paired and group plays in various forms and styles. The year culminates with a full class public performance of a 20-30 minute play! See more at bhsdramadept.weebly.com.

Music

At this level, continued emphasis on developing musicianship is given through progressive technical studies, theory, and more difficult repertoire. A large repertoire of fine band and ensemble music is performed and analyzed. Instrumental techniques are expanded to include alternate fingerings and the chromatic scale. It is at this level that the music student begins to develop physically in their playing, bringing along a more versatile quality to their performance. Students are presented with many other opportunities to perform such as jazz band, concert band, music festivals and numerous community events.

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Music Studio

This class is open to students who are also registering for the grade 9 music class. Students will continue to develop their musicianship skills through more advanced band repertoire chosen specifically for this class. The entire focus of this class is performance based.

Physical Education Option Preference

Advanced Physical Education: sport/activities offered include volleyball, basketball, playing low organized games, creating an individual movement sequence, and touch football. Please note that these activities will be played at a higher intensity and in a more competitive environment.

Regular Physical Education: sport/activities offered include ringette, fitness show, volleyball, peer teaching low organized games, and badminton. Please note that these activities will be played at a lower intensity and in a less competitive environment.

We may not be able to accommodate a student's preference based on the student's academic schedule.

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Secondary 4

Visual Arts

You will create personal images using an array of materials and exploring a variety of themes. In addition, you will be introduced to artists and artistic movements, which will help enrich your own artistic production. You will have the opportunity to create murals which will be displayed in the halls.

Computers: Digital Media

Students will explore the computer arts and media world, including advertising, graphic design, public service announcements, short movies, stop animation, digital photography, etc. Students will also collaborate in making a short film from pre-production to post-production and will use computer applications to create media-based projects.

Creative Movement

In this course students will engage in creative movement to study the relationship between sport fitness and the impact of exercise on their daily lives. This class will present students with a variety of learning and evaluation situations that enable them to demonstrate their competency in creative movement. Students will make use of various stimuli for creation of their movement sequence. Students will also mobilize strategies associated with creative and dynamic movements and make use of these elements in accordance with their creative intention. Students will work individually or in groups to adapt and present movement sequences. Projects using visual communication will also be used to demonstrate their acquired knowledge.

Drama

The focus of this course is on developing performance techniques with emphasis on composing, staging, adapting, and producing dramatic works in a variety of world theatre styles such as Commedia dell'Arte and Radio Plays. Students will have an opportunity to explore theatre, both on and off the stage, through a large-scale production for school and public audiences, which is the primary focus of the year. Students will choose whether they want to act, or if they prefer, can learn about stage lighting, set design, publicity, costume design or stage management. Rehearsals are done mainly in class, but also after school over the course of 4 months. Grade 11 Drama Studio is similar, but with projects in Greek Theatre and Broadway Musicals, and a Fringe Festival. ***Previous drama experience is strongly suggested, but not required.*** See more at bhsdramadept.weebly.com.

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Music

At this level, continued emphasis on developing musicianship is given through progressive technical studies, theory, and more difficult repertoire. A large repertoire of fine band and ensemble music is performed and analyzed. It is at this level that the music student begins to develop physically in their playing, bringing along a more versatile quality to their performance. Students are presented with many other opportunities to perform such as jazz band, concert band, music festivals and numerous community events. **Students with no previous experience may choose this option with prior approval from the music teachers.**

Cultural, Social and Technical Mathematics (CST)

The Cultural, Social and Technical Option is aimed at helping students to develop mathematical literacy so that they can appreciate the connections between mathematics and the other aspects of culture as well as its contribution to the development of society. This course will lead to high school graduation as well as social studies and humanities Cegep and Vocational Programs. This is a challenging course; over 75 % of students in Quebec take the CST math course.

Technical and Scientific Mathematics (T&S)

The Technical and Scientific Option is an Advanced Mathematics course that will allow entry into Advanced Science in secondary 4 as well as Chemistry and Physics in Secondary 5. This course has the most mathematical content of the options and is designed for logical/concrete thinkers. Students will learn formulas and skills and apply them while analyzing situations. This advanced mathematics course may be taken without being enrolled in the Advanced Science Program. It will allow for students to enter any program in CEGEP including Sciences, Commerce, and Computers. It will lead to fields including engineering, architecture, medicine, and more.

Science Mathematics (SN)

The Science Option is an Advanced Mathematics course that will allow entry into Advanced Science in Secondary 4 as well as Chemistry and Physics in Secondary 5. This course will focus on understanding the origin of different phenomena and how they function. The students will use abstract thinking when analyzing theoretical models and become familiar with various research procedures. This advanced mathematics course may be taken without being enrolled in the Advanced Science Program. This course will allow for students to enter any program in CEGEP including Sciences, Commerce, and Computers. It will lead to fields including engineering, architecture, medicine, and more.

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Advanced Science

The Advanced Science Course (the General Science and Technology Course combined with the Environmental Science and Technology Course) is a prerequisite for students who wish to pursue chemistry and/or physics in grade 11. Students will be afforded the opportunity to gain a better understanding of scientific phenomena, technological achievements and issues related to the environment.

General Science

This science course emphasizes the science behind technological design. It begins with theoretical learning, then moves towards hands-on learning. Students will find solutions to scientific or technological problems, make use of knowledge about science and technology, and communicate using scientific and technological language and symbols. Students will build on concepts from the living, material, and technological worlds. An earth and space unit is also taught.

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Secondary 5

Chemistry/Physics Pathway

Chemistry is an in-depth treatment of the ways in which matter changes and interacts. Physics seeks to develop the student's ability to experiment and to derive the fundamental laws of nature related to optics and mechanics. Both courses are rich in opportunities for learning and are best suited for students who have achieved 75% or more in Advanced Science and the Science Option math course or the Technical and Scientific math course in secondary 4.

Chemistry and Physics are required courses for students intending to pursue Health Sciences, Natural Science, Pure and Applied Science, or a science-related vocational program at CEGEP.

Introduction to Commerce

This course will provide students with an overview of key concepts that are part of the foundation of a fast-paced business environment. Students who are or might be interested in business will be exposed to the basic principles of marketing, entrepreneurship, and finance. The course will help students understand the forces that influence business decisions, as well as introduce them to the basics of business communication.

Introduction to Film Production

In this course students will learn about all the ins and outs of the process of making a film, from pre- to post-production. We will cover areas such as storyboarding, photography, script writing, camera work, sound design, editing, and even marketing. Each student will learn about the various jobs in the field, such as director, cinematographer, editor, and many more. We will study clips from famous films to help further our understanding. There will also be interactive talks with former BHS students who are currently working in the industry. This program will culminate in students making short films and showcasing them in a BHS Film Festival!

Law

We learn about how the law works, how the law applies to you and society in general. We look at criminal law, civil cases and crime scenes, and end with a mock trial. This course includes topics like murder, assault, search and seizure, police and trial procedures, sentencing, contracts and case summaries.

Leadership

The Leadership option will provide students with the opportunity to focus on the skills required to be a leader in today's society. Leadership styles, as well as communication skills, team work, self-actualization, public speaking, time-management and activity-based learning will be some of the many topics explored in this course. Students in the course will also play an active role in the planning and implementing of school events, and work on year-long projects such as the

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BHS Yearbook. Therefore, students must be willing to volunteer their time in the school &/or community.

Music Studio

Students will study music theory and ear training, will get to practice their instrument as well as act as leaders with younger students. This course will prepare students for CEGEP music entrance exams and auditions but is open to any students with a desire to learn more about music.

Phys. Ed. Leadership

This course is designed to help students keep themselves fit and to help others understand the importance of leadership. It is very interactive and the students practice how to work as a team. Students will develop self-confidence as a leader. Theoretical components include developing interpersonal skills, mentoring, team building, time management and promoting physical activity. Students will develop leadership skills while peer teaching, organizing intramurals for younger grades, as well as helping with the interscholastic sport team programs.

Pre-Calculus

Engineers, doctors, physiotherapists, accountants, marketing specialists or any career in business or science has something in common; calculus. The Pre-calculus option is created to prepare students for the mathematics that await their lives outside of high school. The course will center on limits, derivatives and integrals. Definitions and applications of these topics will all be addressed. **Pre-requisites: grade 10 SN or T&S math.**

Beginner Spanish

This course will be geared toward Latin American Spanish speaking. Students will be able to have a good basic knowledge of how the language functions as well as be able to speak basic conversational Spanish.

This course is open to and geared for students with no prior knowledge of the language, especially those going on the Humanitarian Trip to Latin America (location TBD).