



**SENIOR SCHOOL**

**ACADEMIC PROGRAM GUIDE**

**2021—2022**

**Grade 10-12**



## Certificate of Graduation

### 2021–2022 Graduation Program Requirements

The BC Certificate of Graduation or "Dogwood Diploma" is awarded to students who successfully complete the provincial graduation requirements.

Students require a minimum of **80 credits** to graduate.

**Of these 80 credits:**

- At least 16 credits must be at the Grade 12 level, including a required Language Arts 12
- At least 28 credits must be elective course credits

**52 credits are required from the following:**

- Career-Life Education (4 credits) – Delivered through Faculty Advisory
- Career-Life Connections (4 credits) – Delivered through Faculty Advisory
- Physical and Health Education 10 (4 credits)
- Science 10 (4 credits), and a Science 11 or 12 (4 credits)
- Social Studies 10 (4 credits), and a Social Studies 11 or 12 (4 credits)
- A Math 10 (4 credits), and a Math 11 or 12 (4 credits)
- A Language Arts 10, 11 and a required 12 (12 credits total)
- An Arts Education 10, 11, or 12 and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits total)

**In addition, students must also complete three new graduation assessments:**

- The Grade 10 Graduation Numeracy Assessment
- The Grade 10 Graduation Literacy Assessment
- The New Grade 12 Graduation Literacy Assessment will be introduced in 2021–2022



## Grades 10–12 Course Offerings

*Courses are subject to sufficient enrolment and may not be offered every year*

<b>English Language Development</b>	<b>Career Education</b>
English Language Development 10	Career-Life Education 10
	Career-Life Connections 11
<b>English Language Arts</b>	Career-Life Connections + Capstone 12
Composition & New Media 10	
Literary Studies 11	<b>Applied Design, Skills and Technology</b>
English Studies 12	Culinary World Tour 10-12
	Media Arts 10-12
<b>Social Studies</b>	Accounting 11
Social Studies 10	E-Commerce 12
Social Studies 11	Work Experience 12
History 12	
Law 12	<b>Languages</b>
Human Geography 12	French 10
AP Microeconomics 12	French 11
	Introductory Spanish 11
<b>Mathematics</b>	French 12
Foundations of Mathematics & Pre-Calculus 10	
Workplace Math 10-11	<b>Fine Arts</b>
Foundations of Mathematics 11-12	Studio Art: Visual Art (2D) 10-12
Pre-Calculus 11	Studio Art: Material Art (3D) 10-12
Pre-Calculus 12	AP Studio Art 12 2D
Calculus 12	AP Studio Art Drawing
AP Calculus AB 12	AP Studio Art 12 3D
AP Statistics 12	Drama 10-12
	Chamber Orchestra 10-12
<b>Sciences</b>	Concert Choir 10-12
Science 10	
Science for Citizens 11	<b>Physical Education</b>
Medical Sciences 11	Physical and Health Education 10
Life Sciences 11	Active Living 11-12
Chemistry 11	Fitness and Conditioning 11-12
Physics 11	
Anatomy & Physiology 12	<b>Equestrian Program</b>
AP Biology 12	Physical Health and Education for Equestrian 10
Climate Change Studies 12	Equine Science: Anatomy & Physiology 10-11
Chemistry 12	Active Living for Equestrian 11-12
Physics 12	Equestrian Athlete 11-12
AP Chemistry 12	Equestrian Management 11-12
	Introduction to Horse Training 11-12
<b>Outdoor Leadership Trips</b>	Introduction to Equine Instructing 11-12
Outdoor Leadership Trip 10: Building Relationships	<b>Career Education</b>
Outdoor Leadership Trip 11: Building Confidence	Career-Life Education 10
Outdoor Leadership Trip 12: Leading Sustainability	Career-Life Connections 11



## English Language Learners

The English language development program at QMS has been designed to support the development of academic language skills for students who are learning English as an additional language. Students are provided with opportunities to develop their academic language proficiency and understanding of school-based texts. Development of subject-specific vocabulary to assist comprehension in mainstream academic courses is highlighted.

### English Language Development 10

**Required Course for ELL 4 Credits**

**Pre-requisite: None**

Students in ELD 10 will continue to be supported in the development of their interpersonal communication skills and academic language proficiency. Students will be able to communicate with increased accuracy, listen for context and express their thoughts, opinions and ideas in English. Students will further develop their academic writing accuracy through the organization of ideas, selection of research material, selection of subject-specific vocabulary and the use of expository, narrative and persuasive school-based texts. Additionally, students will be able to read for a variety of purposes and will develop confidence in their oral presentation skills. This course will support students in their critical thinking, but also in the management of their mainstream academic courses across the curriculum.

## English

### New Media Studies 10

**Elective Choice Course 2 Credits**

**Pre-requisite: English 9 and Composition 10**

In this course students will delve into the languages of the world. Including nonfiction texts and writing for journalism. This course is designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas because digital literacy is an essential characteristic of the educated citizen. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world by affording opportunities to demonstrate understanding and communicate ideas through a variety of digital and print media. Students will explore tasks and texts designed to introduce students to the transactional study of journalism and publishing, media and film studies, and digital communications.

### Composition 10

**Required Course 2 Credits**

**Pre-requisite: English 9**

This course is designed to support students in their development of written communication through a critical process of questioning, exploring and sampling. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. Students will read and study compositions by other writers and consider a variety of styles as models for the development of their writing. This course builds students' writing competencies by introducing them to varied structures, forms, and styles of compositions. Students have opportunities to individually and collaboratively study, create, and write original pieces, exploring audience and purpose. They also develop their craft through processes of drafting, reflecting, and revising.

Composition 10 is taken in combination with New Media Studies 10



## **Literary Studies 11**

**Required Course 4 Credits**

**Pre-requisite: Language Arts 10**

This course allows students to delve deeply into language and literature. Students will explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) and a variety of media. Students will increase their literacy skills through close reading of appropriately challenging texts. They will enhance their development of the English Language Arts curricular competencies, both expressive and receptive, and expand their development as educated global citizens. Possible areas of focus, as they relate to written composition, include narrative, expository, descriptive, persuasive, and opinion pieces. Students will engage in the planning, drafting, and editing processes while writing for specific audiences and specific disciplines. This course will also emphasize how to cite sources, consider the credibility of evidence, and evaluate the quality and reliability of the source.

## **English Studies 12 (Graduation Requirement)**

**Required Course 4 Credits**

**Pre-requisite: Language Arts 11**

The required English Studies 12 course builds upon and extends students' previous learning experiences in English 10 and 11 courses. It is designed for all students and provides them with opportunities to refine their ability to communicate effectively in a variety of contexts and to think critically and creatively about the uses of language, explore texts and literature from a variety of sources, in multiple modes, reflective of diverse worldviews. Students will deepen their understanding of themselves and others in a changing world. Students compose a variety of written responses, including expository, synthesis, and literary analysis essays.

## **Social Studies**

### **Social Studies 10**

**Required Course 4 Credits**

**Pre-requisite: Social Studies 9**

Social Studies 10 uses social studies inquiry processes to explore the social, political, economic and global forces that have shaped Canada and the world from 1919 to the present. Students will understand the influence of different political ideologies and institutions, the impact of domestic and global conflict, the development and function of Canadian, First Nations and other political institutions and the impact of discriminatory policies and injustices on Canadian and global populations. Students who take this course will be able to assess differing perspectives, justify accounts, and make reasoned judgments about issues in the past and the present.

### **Social Studies 11**

**Elective Course 4 Credits**

**Pre-requisite: Social Studies 9**

Explorations in Social Studies 11 uses Social Studies inquiry processes and skills to ask questions; gather, interpret, and analyze ideas about areas of interest that are drawn from a wide spectrum of societal topics. This includes the pursuing critical inquiry into areas that may pertain to political studies, philosophy, genocide studies, geography, social justice and indigenous studies. By exploring a variety of perspectives in a thorough and balanced manner, students develop the skills to approach persistent problems, questions, and issues with confidence and purpose. Sample topics may include issues also related to contemporary studies such as fake news, post-truth, the study of activism and climate change or human challenges and conflict – both past and present.



## **History 12**

**Elective Course 4 Credits**  
**Pre-requisite: Social Studies 10**

Students in this course will learn to use historical inquiry processes and skills to ask questions, analyze ideas and communicate findings and decisions about significant historical events in the 20<sup>th</sup> century. The study of 20<sup>th</sup> Century history will help students to develop and understanding of historical perspective and apply this understanding to their current realities in the 21<sup>st</sup> Century. Students will learn to think critically about cause and affect relationships and assess how prevailing conditions and the actions of individuals or groups affect events, decisions, and development. Through the study of significant global events between the time periods of 1919 and 1991 students will begin to make reasoned ethical judgments about controversial actions in the past, or present, and determine whether we have a responsibility to respond.

## **Law 12**

**Elective Course 4 Credits**  
**Pre-requisite: Social Studies 10**

Studies in Law 12 asks students to inquire about their legal rights and responsibilities in Canada. Students gain an understanding of the legal system in Canada, how it has evolved and how it is applied. Students will understand that a society's laws and legal framework affect many aspects of people's daily lives. Students will have the opportunity to examine the Constitution of Canada and the Canadian Charter of Rights and Freedoms, structures and powers of the courts and key areas of law such as criminal law, civil law, and family law and Canadian legislation concerning First Peoples. After taking this course, students will be able to understand their legal rights and responsibilities so that they may participate more fully in society.

## **Human Geography 12**

**Elective Course 4 Credits**  
**Pre-requisite: Social Studies 10**

In this course, students will begin to take a more thorough look at interactions between humans and the world around them. Students will use inquiry processes to ask questions about topics such as population studies, climate studies, food security and intercultural relations. By assessing the significance of places and identifying the physical and/or human features that characterize them, students will understand how natural processes have an impact on both the environment and human settlement. Students will explore content, and ask questions, related to agricultural practices, First Peoples and the environment, human settlement and the influence of humans on the environment. By the end of the course, students will be able to draw conclusions about innovative and sustainable use of natural resources and our interactions with the physical environment.

## **AP Microeconomics 12**

**Elective Course 4 Credits**  
**Pre-requisite: Administrative Approval**

The AP Microeconomics course provides students with an understanding of the principles of economics as they apply to individual decision-making units, including individual households and firms. The course examines the theory of consumer behavior, the theory of the firm, and the behavior of profit-maximizing firms under various market structures. Students evaluate the efficiency of the outcomes with respect to price, output, consumer surplus, and producer surplus. They examine the behaviors of households and businesses in factor markets, and learn how the determination of factor prices, wages, interest, and rent influence the distribution of income in a market economy (Source: AP College Board). This is a very challenging course in terms of content and time, and the successful student will spend a minimum of 4 hours a week on homework and reading outside of class. Attendance is compulsory. AP final exams are conducted in May. Students who score 3/5 or above on the final exam may be able to gain a first-year credit at university.



## **Foundations of Mathematics and Pre-Calculus 10**

**Required Course 4 Credits**

**Pre-requisite: Math 9**

Foundations of Mathematics and Pre-Calculus 10 starts students on the pathway designed to provide them with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs. Main topics include linear, area and volume measurement, in both SI and imperial units; right-angle trigonometry; irrational numbers; integral and rational exponents; polynomial expressions, including common factors and trinomial factoring; functions; linear relations; and systems of linear relations. *This course requires students to supply their own scientific calculator. The TI-83 or TI-84 calculators are acceptable (TI-89 is not permitted).*

## **Workplace Math 10**

**Required Course 4 Credits**

**Pre-requisite: Math 9**

Workplace Math 10 is an investigative math course designed to connect mathematical concepts with each other, other areas and personal interests. Students will explore real-world math in a variety of contexts and will develop thinking strategies to solve problems. During the course, students will create, interpret and critique graphs and explore topics such as financial literacy, probability, tendency, metric and imperial conversions. Students will also explore trigonometric ratios, surface area and volume. *This course requires students to supply their own scientific calculator. The TI-83 or TI-84 calculators are acceptable (TI-89 is not permitted).*

## **Workplace Math 11**

**Required Course 4 Credits**

**Pre-requisite: Math 9**

Workplace Math 11 is an investigative math course designed to connect mathematical concepts with each other, other areas and personal interests. Students will explore real-world math in a variety of contexts and will develop thinking strategies to solve problems. Students will be able to interpret graphs in society and understand the application of financial literacy as it pertains to investments, loans and budgeting. This course will also emphasize probability, reasoning and statistics in different contexts, rate of change and explore 3D objects including angles, views and scale diagrams. *This course requires students to supply their own TI-83 or TI-84 calculator (TI-89 not permitted).*

## **Foundations of Math 11**

**Elective Course 4 Credits**

**Pre-requisite: Foundations of Math and Pre-Calculus 10**

This course is intended for students entering post-secondary studies in disciplines that do not require the theoretical knowledge of calculus. Students will develop their critical-thinking and mathematical skills in their study of financial mathematics, logical reasoning, relations and functions, geometry, measurement, and statistics and probability. Students will further develop their research and analytical skills while investigating the role of mathematics in society. *This course requires students to supply their own TI-83 or TI-84 calculator (TI-89 not permitted).*

## **Pre-Calculus 11**

**Required Course 4 Credits**

**Pre-requisite: 65% in Foundations of Mathematics and Pre-Calculus 10**

Pre-Calculus 11 continues on the pathway designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs. Main topics include absolute value; radicals and radical expressions and equations; rational expressions



and equations; right-angle trigonometry, sine and cosine laws; quadratic, absolute and reciprocal functions and systems of equations. The emphasis is on formal mathematical processes and symbol manipulation in preparation for the study of calculus and other higher-level mathematics courses. *This course requires students to supply their own scientific calculator. The TI-83 or TI-84 calculators are acceptable (TI-89 is not permitted).*

### **Foundations of Math 12**

**Elective Course 4 Credits**

**Pre-requisite: Foundations of Math and Pre-Calculus 10**

This course is intended for students who are pursuing post-secondary studies that do not require the theoretical study of calculus. Students will explore topics such as probabilistic thinking and how it informs decision making in situations involving chance and uncertainty. Students will learn how to model data and the understanding of a variety of functions, this includes mathematical analysis and the ways in which it informs financial decisions. Through explorations of spatial relationships, students will develop a geometrical appreciation of the world. *This course requires students to supply their own TI-83 or TI-84 calculator (TI-89 not permitted).*

### **Pre-Calculus Math 12**

**Elective Course 4 Credits**

**Pre-requisite: 65% in Pre-Calculus 11 or Administrative Approval**

Pre-Calculus 12 is a rigorous math course designed to encourage problem solving, communication of mathematical ideas and the use of mathematics in modeling real-world scenarios. It aims to expose students to the underlying ideas such as patterning, relationships and uncertainty that form the fabric of mathematical thought. There continues to be a focus on using technology as a tool to solve problems in new ways and preparing students for the highly technological environment of their future. Main topics covered in this course are transformations and graphs of functions, logarithms and their applications, advanced trigonometry, permutations and combinations. *This course requires students to supply their own graphing calculator (TI-83 or TI-84).*

### **Calculus 12**

**Elective Course 4 Credits**

**Pre-requisite: 65% in Pre-Calculus 11 or Administrative Approval**

Calculus has two parts: Differentiation and Integration. Students will learn rules for computing derivatives so that they can apply them to curve-sketching and optimization problems in the fields of engineering, biology, physics, economics and business. Many of the general laws of nature find their most useful form in equations that involve rates of change. Students will study these differential equations, also known as anti-derivatives (or integration). Calculus 12 is a challenging course intended for those students wishing to study Engineering, Mathematics, Science or Business at a post-secondary institution. *This course requires students to supply their own TI-89 calculator.*

### **AP Calculus AB 12**

**Elective Course 4 Credits**

**Pre-requisite: 80% in Pre-Calculus 11 or Administrative Approval**

Advanced Placement Calculus (AB) consists of a full academic year of work that is comparable to the first calculus course in college or university. The course focuses on students' understanding of calculus concepts and provides experience with methods and applications. Although computational competence is an important outcome, the main emphasis is on a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations are important (Source: AP Course Overview). This is a very challenging course in terms of content and time, and the successful student will spend a minimum of four (4) hours a week on homework and reading outside of class.





Attendance is compulsory. AP final exams are conducted in May. Students who score 3/5 or above on the final exam may be able to gain a first-year credit at university. *This course requires students to supply their own TI-89 calculator.*

### **AP Statistics 12**

**Elective Course 4 Credits**

**Pre-requisite: 80% in Pre-Calculus Math 11 Administrative Approval**

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding (Source: AP Course Overview). This is a very challenging course in terms of content and time, and the successful student will spend a minimum of 4 hours a week on homework and reading outside of class. Attendance is compulsory. AP final exams are conducted in May. Students who score 3/5 or above on the final exam may be able to gain a first-year credit at university. *This course requires students to supply their own TI-89 calculator.*

## **Sciences**

### **Science 10**

**Required Course 4 Credits**

**Pre-requisite: Science 9**

In Science 10, students will make observations aimed at identifying their own questions, including increasingly complex ones, about the natural world. Students will work collaboratively and individually to plan, select, and use appropriate investigation methods, including field work and lab experiments, to collect reliable data (qualitative and quantitative). They will assess risks and address ethical, cultural, and/or environmental issues associated with their proposed methods and those of others and apply First Peoples perspectives and knowledge, other ways of knowing, and local knowledge as sources of information. This course is focused on the following four big ideas: genes are the foundation for the diversity of living things; chemical processes require energy change as atoms are rearranged; energy is conserved and its transformation can affect living things and the environment; and the formation of the universe can be explained by the big bang theory (Source: BC Ministry of Education).

### **Science for Citizens 11**

**Elective Course 4 Credits**

**Pre-requisite: Science 10**

Whether it is climate change or forensics, students will leave this course with an understanding of how science touches every aspect of their daily life. This course will emphasize how scientific knowledge can be used to develop innovative procedures, techniques and technologies and how scientific understanding enables humans to respond and adapt to changes locally and globally. Students will engage in inquiries related to real-life issues such as public health practices, First Nations health and healing traditions, technology and scientific innovations for today and the future.

### **Medical Sciences 11**

**Elective Course 4 Credits**

**Pre-requisite: Science 9**

Have you ever seen a medical report on the news that referred to a disease or operation and wondered what the terms really meant? What is Stage 4 cancer, a coronary bypass, hypertension or



bipolar disease? What really is inflammation? How do antibiotics work? How does a fracture heal? This course will answer some of those questions and provide the tools to confidently and methodically investigate all things medical. Students will work with a Senior School teacher and Surgeon in Residence from our local health care system to learn about the context, content and applications of various pathways in the medical sciences. Students will explore units in general physiology, clinical studies (with hands on practical opportunities to practice clinical methods), neurology and psychiatry, embryology and pediatrics and of course personal wellness. Students will obtain first-hand perspectives from doctors, surgeons and those who are involved in the allied medical practices. This course is open to students in Grades 10–12.

### **Life Sciences 11**

**Elective Course 4 Credits**

**Pre-requisite: Science 10**

Life Sciences 11 is designed as an overview of the diversity of living organisms on Earth from the smallest microscopic bacteria to the largest mammal. The foundation of the course is the five kingdoms classification system, and the content is studied through the integration of three major themes: unity and diversity, evolutionary relationships and ecological relationships. Students observe live and preserved organisms to determine how species have changed over time based on anatomical, physiological and behavioural characteristics. Students will also expand their critical thinking skills as they explore the impact of natural and anthropogenic changes on the development and interactions of living organisms.

### **Chemistry 11**

**Elective Course 4 Credits**

**Pre-requisite: Science 10**

This course is designed to be an introduction to the major branches of chemistry, including chemical bonding, atomic structure, reactions, the mole, solubility and organic chemistry. Laboratory experiments are an integral part of this course. Students can expect to see explosions and fireworks created and explained. This is a dynamic course that explains many aspects of how matter behaves.

### **Physics 11**

**Elective Course 4 Credits**

**Pre-requisite: 65% in Science 10 or Administrative Approval**

This introductory physics course exposes students to a variety of topics within the world of physics. A highly mathematical approach is taken to the study of kinematics and dynamics, vectors, energy, wave motion and geometrical optics, nuclear fission and fusion, and special relativity. This course is suitable for students who intend to pursue a career in the sciences or medicine and for students who simply wish to discover more about the fundamental physical laws of the universe.

### **Anatomy & Physiology 12**

**Elective Course 4 Credits**

**Pre-requisite: 65% in Life Sciences 11 or Administrative Approval**

This is a rigorous course designed to provide an introduction to cellular biology, molecular genetics and human physiology. Students will first explore the structure and function of biological molecules as they relate to cellular transport and respiration. They will further develop their critical thinking skills through their study of DNA replication, protein synthesis and the role of biotechnology and bioethics in this rapidly changing scientific field. The latter part of the course will focus on the maintenance of homeostasis by the digestive, circulatory, respiratory, nervous, excretory and reproductive systems of the human body.

### **AP Biology 12**

**Elective Course 4 Credits**

**Pre-requisite: Administrative Approval**



AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices. Students should be able to describe how to collect data, use data to form conclusions, and apply their conclusions to larger biological concepts. Students should also develop an understanding of how changes in the design of the experiments would impact the validity and accuracy of their results. Many questions on the AP exam are written in an experimental context, so these skills will prove invaluable for both concept comprehension and exam performance. (Source: AP College Board). This is a very challenging course in terms of content and time, and the successful student will spend a minimum of four (4) hours a week on homework and reading outside of class. Attendance is compulsory. AP final exams are conducted in May. Students who score 3/5 or above on the final exam may be able to gain a first-year credit at university.

### **Climate Change Studies 12**

**Elective Course 4 Credits**

**Pre-requisite: Science 9**

This course will address the complexity of climate change as an issue and emphasize the big ideas that climate change impacts biodiversity and ecosystem health. Students will explore the commonly understood scientific understanding, research and reasoning that is used to understand the processes and impacts of climate change. This includes considering the past, present and future implications of climate change as it pertains to humans, the natural world and future economic and environmental impacts. Students will understand relevant concepts drawn from multiple scientific disciplines including earth science, environmental science, life science and science for citizens. Students in Grades 10–12 may elect to take this course.

### **Chemistry 12**

**Elective Course 4 Credits**

**Pre-requisite: 65% in Chemistry 11 or Administrative Approval**

This course lays the groundwork for advanced topics in chemistry. Laboratory work is an integral part of the course, with a focus on theory and calculations. Topics include the study of reaction kinetics, equilibrium, acid/base chemistry and oxidation/reduction reactions. Students will be required to research a chemical demo and perform this for an audience. *A scientific calculator is required.*

### **Physics 12**

**Elective Course 4 Credits**

**Pre-requisite: 65% in Physics 11 & Pre-Calculus 11 or Administrative Approval**

This course builds on some of the topics covered in Physics 11 and introduces several new ones. It is intended for those students who may continue studies in physics or engineering at a post-secondary level. A strong background in mathematics is required. Topics discussed include vector kinematics and dynamics, vector momentum, equilibrium, energy, circular motion, gravitation, electrostatics, electric circuits and electromagnetism.

### **AP Chemistry 12**

**Elective Course 4 Credits**

**Pre-requisite: Administrative Approval**

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four big ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. This course requires that 25 percent of instructional time engages students in lab investigations. This includes a minimum of 16 hands-on labs (at least six of which are guided inquiry).



It is required that students keep a lab notebook throughout. This is a very challenging course in terms of content and time, and the successful student will spend a minimum of four (4) hours a week on homework and reading outside of class. Attendance is compulsory. AP final exams are conducted in May. Students who score 3/5 or above on the final exam may be able to gain a first-year credit at university. *A scientific calculator is required.*

## Outdoor Leadership Trips

*Please note: Due to Covid-19, published dates for these Outdoor Education trips are fluid and could be altered and/or cancelled on short notice.*

### **Outdoor Leadership 10: Building Relationships**

**QMS Required Course 4 Credits**

**Pre-requisite: None**

A place-based course, Outdoor Leadership 10 is designed to help build upon the core competencies of thinking and communication while simultaneously improving students' confidence and leadership in the outdoors. It will take place over five (5) days each May at Strathcona Park Lodge. In addition to developing their collaborative group communication and leadership skills, students will also develop the foundational risk management and basic technical skills that are necessary for a short outdoor expedition (hiking, canoeing, caving or rock climbing). These experiential learning opportunities will help to build an appreciation for learning in the outdoors and introduce some of the competencies that are necessary to learn, lead and collaborate with others in an outdoor context.

### **Outdoor Leadership 11: Building Confidence**

**QMS Required Course 4 Credits**

**Pre-requisite: None**

Outdoor Leadership 11 is designed to help build upon the core competencies of thinking, and communication while simultaneously developing students' leadership facilitation and wilderness expedition skills. It will take place over five (5) days each May at Strathcona Park Lodge and Nootka Sound. Students will develop an appreciation for the historical, social, cultural and economic significance of the local environment to First Nations communities on Vancouver Island. Additionally, students will build upon their group and personal leadership skills and further develop a repertoire of technical outdoor skills while sea kayaking or ocean canoeing. These experiential learning opportunities will help to build an appreciation for learning in the outdoors and introduce some of the competencies that are necessary to learn, lead and collaborate with others in an outdoor context.

### **Outdoor Leadership 12: Leading Sustainability**

**QMS Required Course 4 Credits**

**Pre-requisite: None**

This is an outdoor education course that builds upon a school-wide approach to experiential, inquiry-based, sustainable innovation and entrepreneurial thinking. Using an inquiry and/or design thinking approach, students will participate in one of three immersive experiential programs at Cedar Coast Field Station in Tofino: (1) Change makers community advocacy, (2) Environmental action research, (3) Social entrepreneurship. Students will also have the opportunity to choose a day-long experiential adventure-based activity to explore the natural environment of Clayoquot Sound (Kayaking with a certified guide, marine mammal survey, day-hike, or wellness retreat and yoga). These experiential learning opportunities will help to build an appreciation for learning in the outdoors and introduce some of the competencies that are necessary to learn, lead and collaborate with others in an outdoor context.



### **Career Life Education 10**

**Required Course 2 Credits**

**Pre-requisite: None**

Career Life Education offers individual students the opportunity to acquire the knowledge and competencies necessary for success in school, in the workplace, and in their daily lives. Career Life Education 10 will be offered through our Faculty Advisory program. During this time, students will also have the opportunity to explore personal interests and leadership development. Students will use self-assessment and reflection tools to set personal, academic and career-related goals, consider the impact of leadership on the wider school community and identify and explore the role of self-assessment and reflection. Throughout the year, students will develop a personal learning profile and begin to plan their future academic and post-secondary goals. Students will continue to consider the role of public identity, financial planning, and workplace etiquette as they create an initial career and education plan.

*\*This course is delivered through our Faculty Advisory Program*

### **Career Life Connections 11**

**Required Course 2 Credits**

**Pre-requisite: Career-Life Education 10**

The Career Life Education curriculum offers students many opportunities to explore and develop personal interests, passions, and competencies while making connections with learning opportunities, post-graduation options, and career and life path possibilities. Students will discover careers and engage in the beginning of a journey that involves lifelong planning and learning. Career education will be offered through our Faculty Advisory program. Students will be expected to use self-assessment, reflection and leadership skills to uncover their strengths, interests and post-secondary goals. To achieve this, students will engage in leadership activities, participate in service learning, leadership development, post-secondary explorations and life and career planning.

*\*This course is delivered through our Faculty Advisory Program*

### **Career Life Connections + Capstone 12**

**Required Course 2 Credits**

**Pre-requisite: Career-Life Connections 11**

The Career Life Education curriculum involves students in research, problem solving, and decision making relevant to career planning. Students will be provided with opportunities to explore and research a multitude of educational and career pathways. In Career-Life Connections + Capstone 12 students will participate in a year-long capstone inquiry project focused on their goals and areas of interest. It will include reflective practice throughout the year in a capstone portfolio, research, relationship-building with a school or community-based mentor, experiential learning opportunities and a capstone exhibition of learning that demonstrates their personal development. The capstone asks students to consider how they see themselves contributing positively to society post-graduation.

*\*This course is delivered through our Faculty Advisory Program*



### **Culinary World Tour 10–12**

**Elective Course 4 Credits**

**Pre-requisite: None**

This course introduces students to the exciting world of foods, cooking, intercultural culinary practices and the history of foods. Students will consider the social, ethical and sustainability considerations related to food, agriculture, fishing and foraging. They will be introduced to the creative, cultural and technical elements of foods and food preparation. In this course, students will be able to cook and prepare foods using safe food handling and personal safety techniques in a culinary environment. They will further develop their skills using recipes, food service tools, kitchen equipment, units and types of measurement, and various components of food cooking methodology. Students will be encouraged to generate new and innovative ideas and learn about diverse food cultures and traditions, both locally and globally.

### **Media Arts 10–12**

**Elective Course 4 Credits**

**Pre-requisite: None**

Students will create and evaluate media artworks as they explore and develop skills in digital photography, video and audio. Students will learn to use industry standard applications and technologies to critically analyze and create products that entertain and inform. Media terminology, use of media equipment, and communication through media in our society will be explored. Media Arts develops the knowledge, skills and attitudes students need to respond to media artworks and create art using media arts technology. Students will develop skills in photography, film and video, computer technologies, and electronic and digital recording to create and manipulate personally meaningful images and applied designs. In developing their media artworks, students apply visual elements and principles of design using light, sound and time, as well as traditional art-making processes.

### **Accounting 11**

**Elective Course 4 Credits**

**Pre-requisite: None**

In this course students will examine the role of accounting in business. Students will explore the accounting cycle, principles of accounting, and learn how to carry out various functions of accounting including bookkeeping and the preparation of financial documents. Students will understand industry best practices in accounting and engage in practical applications through hands on experiential learning, projects and real-life business applications. By the end of the course, students will understand the big ideas that services and products can be designed through consultation and collaboration, financial literacy promotes sound and effective business design and tools and technologies can be adapted for specific purposes.

### **E-Commerce 12**

**Elective Course 4 Credits**

**Pre-requisite: None**

What does it mean to be a business owner? How do you think like an entrepreneur? How has the marketplace changed in our modern world? Through hands on experiences and authentic opportunities to learn about the world of business, students will explore the global marketplace, the place of change and innovation in today's economy and different technologies that can be used in the process of marketing, sales and entrepreneurial endeavours. Students will explore topics such as cyber-marketing, revenue models, global e-commerce and entrepreneurship opportunities in today's world.



## **Work Experience 12**

**Elective Course 4 Credits**

**Pre-requisite: Administrative Approval**

Work experience provides students with the chance to develop competencies that can be used in future work opportunities. Students are placed in authentic workplace environments within the Queen Margaret's School community. Here, they will complete 100 hours of work experience, four (4) units of theory, self-evaluations and a work log. This course will allow individual students opportunities to acquire experience with the critical skills, knowledge and competencies necessary for success in a specific workplace.

## **Modern Languages**

### **French 10**

**Elective Course 4 Credits**

**Pre-requisite: French 9**

The purpose of this course is for students to develop their reading, writing, speaking and listening competencies in French. Students will examine multiple socio-historical, and cultural perspectives and inquire into *culturelles de la Francophonie*. Students will be expected to read and understand themes and symbols in novel studies and identify poetic elements and implicit messages in French poetry. Through a variety of learning activities and projects, students will practice the past, present and future tenses and learn strategies for word choice, expression and the application of the passive and active voice.

### **French 11**

**Elective Course 4 Credits**

**Pre-requisite: 65% in French 10**

Students in this course will continue to build upon their reading, writing, speaking, listening, and visual communication competencies in French. Through a variety of activities, students will learn about the importance of different social-cultural influences and diverse points of view in French communities. They will gain skills in researching, communication strategies, the interpretation of French texts and subject-specific writing skills. Students will continue to employ the past, present and future tenses with increasing accuracy and complexity. They will be expected to read for explicit and implicit understanding and apply writing and oral communication skills in both formal and personal contexts.

### **Introductory Spanish 11**

**Elective Course 4 Credits**

**Pre-requisite: None**

Introductory Spanish 11 is designed for students that have no previous knowledge of Spanish. Students will explore the big idea that expressing ourselves in a new language requires courage, risk taking, and perseverance. Through a variety of strategies, students will learn to read, write, listen and speak in basic Spanish. Many aspect of cultural expression allows will also be explored to allow students the opportunity to experience and appreciate cultural diversity.

### **French 12**

**Elective Course 4 Credits**

**Pre-requisite: 65% in French 11**

In this course, students will continue to build upon their reading, writing, speaking and listening competencies in French. They will be able to moderate, negotiate and re-formulate their ideas and thoughts in French. Additionally, students will gain an understanding of the role of bilingualism in their future personal and career paths and develop an appreciation for the richness and complexity of French texts, including their symbolic dimensions. They will be able to express divergent



perspectives and understand cultural and historical elements and stylistic processes in French material. Students will employ the writing process in the past, present and future tenses with increasing complexity and accuracy. They will be expected to use the subordinate and relative clauses and identify appropriate language for different forms of writing and oral communication.

## **Fine Arts: Visual Arts**

### **Visual Art Studio 10-12 2-D**

**Elective Course 4 Credit**

**Pre-requisite: none or Administrative Approval**

Students in Art 10 will be given the opportunity to build upon foundational skills and to develop personally meaningful themes. The elements and principles of design are explored through a variety of 2-D materials and processes. Topics may include, but are not limited to, careers in art, art in social contexts, emerging forms of painting and portraiture. Students are expected to practice reasoned criticism of their work and the work of others.

In Art Studio 11 and 12, the course will include drawing, painting, graphic communications, printmaking, and art history. Portfolio preparation for post-secondary entrance is offered at this level. Emphasis is on design strategies and personal expression through the use of a variety of tools and techniques. Students will have the opportunity to gain expertise in art processes and to develop their potential to respond critically to aesthetic phenomena.

### **Material Art Studio 10-12 3-D**

**Elective Course 4 Credits**

**Pre-requisite: none or Administrative Approval**

Students in Material Art 10 will be given the opportunity to build upon foundational skills and to develop personally meaningful themes. The elements and principles of design are explored through a variety of 3-D materials and processes. Topics may include, but are not limited to, careers in art, art in social contexts, emerging forms in clay, textile arts, sculpture and installations. Students are expected to practice reasoned criticism of their work and the work of others.

In Material Art Studio 11 and 12, the course will include 3-D techniques and applications including, sculpture, art history and ceramics. Portfolio preparation for post-secondary entrance is offered at this level. Emphasis is on design strategies and personal expression through the use of a variety of tools and techniques. Students will have the opportunity to gain expertise in art processes and to develop their potential to respond critically to aesthetic phenomena.

### **AP Studio Art 2-D Design**

**Elective Course 4 Credits**

**Pre-requisite: Administrative Approval**

AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art at the university level. Students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions. Students in 2-D Design will be required to complete five (5) actual works that demonstrate understanding of design in concept, composition and execution; twelve (12) digital images, some may be detailed works describing an in-depth exploration of a particular 2-D design concern and an additional twelve (12) digital images of twelve (12) different works demonstrating understanding of 2-D design issues (Source: AP Course Overview). This is a very challenging course in terms of content and time, and the successful student will attend classes both inside and outside of the timetable. Attendance is compulsory. Because AP Studio Art is designed as





an intensive course and requires more time than traditional offerings, some students may prefer to complete this option over more than one year beginning in Grade 11. Students taking this course must also register in and attend Art 11 or 12. AP final portfolios are submitted in May. Students who score 3/5 or above on their portfolio may be able to gain a first-year credit at university.

### **AP Studio Art Drawing**

**Elective Course 4 Credits**

**Pre-requisite: Administrative Approval**

AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art at the university level. Students create a portfolio of work to demonstrate the artistic skills and ideas they have developed, refined, and applied over the course of the year to produce visual compositions. Students in AP Studio Art Drawing will be required to complete five (5) actual works that demonstrate understanding of drawing in concept, composition and execution; twelve (12) digital images, some may be detailed works describing an in-depth exploration of a particular drawing concern and an additional twelve (12) digital images of 12 different works demonstrating understanding of drawing issues (Source: AP Course Overview). This is a very challenging course in terms of content and time, and the successful student will attend classes both inside and outside of the timetable. Attendance is compulsory. Because AP Studio Art Drawing is designed as an intensive course and requires more time than traditional offerings, some students may prefer to complete this option over more than one year beginning in Grade 11. Students taking this course must also register in and attend Art 11 or 12. AP final portfolios are submitted in May. Students who score 3/5 or above on their portfolio may be able to gain a first-year credit at university.

*\*Questions often arise regarding the distinction between the Drawing Portfolio and the 2-D Design Portfolio. There is a large area of possible overlap between the two portfolios. The distinction in many cases is a matter of the focus of the work (Source: AP Course Overview).*

### **AP Studio Art 3-D Design**

**Elective Course 4 Credits**

**Pre-requisite: Administrative Approval**

AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art at the university level AP 3-D Art and Design is an introductory college-level three-dimensional design course. Students refine and apply skills and ideas they develop throughout the course to produce three-dimensional art and design. This portfolio is designated for work that focuses on the use of three-dimensional (3-D) elements and principles of art and design. Students should consider how materials, processes, and ideas can be used to make work that involves space and form. Students can work with any materials, processes, and ideas. Figurative or nonfigurative sculpture, architectural models, metal work, ceramics, glasswork, installation, performance, assemblage, and 3-D fabric/fiber arts are among the possibilities for submission (Source: AP Course Overview). This is a very challenging course in terms of content and time, and the successful student will attend classes both inside and outside of the timetable. Attendance is compulsory. Because AP Studio Art is designed as an intensive course and requires more time than traditional offerings, some students may prefer to complete this option over more than one year beginning in Grade 11. Students taking this course must also register in and attend Art 11 or 12. AP final portfolios are submitted in May. Students who score 3/5 or above on their portfolio may be able to gain a first-year credit at university.



## Fine Arts: Drama

### Drama 10

**Elective Course 4 Credits**

**Pre-requisite: None**

Drama 10 is designed to develop a high degree of competency in communication skills. It offers the students an extensive experience in Drama and provides the opportunity to build on their experience of role to develop specific skills in theatre and to apply them in concentrated and defined form. The main theme remains the students' personal development, but the study of theatre, and more specifically, the art of acting, becomes increasingly important as the course progresses.

### Drama 11

**Elective Course 4 Credits**

**Pre-requisite: None**

This course introduces concepts such as warm-up, emotional recall, staging of physical scenes, mime and movement, basic lighting, script work and improvisational games, as well as character development. Skills covered include make-up and mask making. European, Canadian and American media and theatre are compared with regard to images and their impact on individuals. Live performance is a requirement of this course.

### Drama 12

**Elective Course 4 Credits**

**Pre-requisite: None**

This course explores concepts such as emotional recall, staging, mime and movement, script work and improvisation as well as character development. Students will investigate the costumes and make-up for different periods of theatre ranging from the Greek, Medieval, Elizabethan, Restoration, Commedia Dell'Arte to modern. The use of space and body movement along with vocabulary development will also be covered. Live performance is a requirement of this course.

## Fine Arts: Music

### Chamber Orchestra 10-12

**Elective Course 4 Credits**

**Pre-requisite: Chamber Orchestra 9 or Administrative Approval**

This course includes performance of musical literature from various periods, demonstrating technical competency and stylistic interpretation. Students will analyze and use rhythms reflective of a variety of cultures and styles. They will create, perform and use appropriate music terminology to describe a range of melodic patterns in various clefs and keys. Elements of expression, structure and context will be addressed, including historical and cultural interrelationships. Students will develop skills in instrument maintenance, sight-reading, and conducting.

*\*This course is offered outside of the regular timetable.*

### Concert Choir 10-12

**Elective Course 4 Credits**

**Pre-requisite: Concert Choir 9 or Administrative Approval**

Students will review and develop their knowledge of proper vocal production and music notation symbols. They will perform a variety of choral music selections from different historical periods and analyze their musical elements. Students will develop their aural perception by listening to choral music, identifying the principles and connections between various cultures, and exploring feelings or emotions through performance of different vocal arrangements. They will develop and refine tone and colour through resonance, blend, vowel and consonant placement. Senior students will obtain



the credit in Concert Choir 11 through membership and active participation in our chapel choir. They will develop skills and knowledge of proper vocal production and music notation symbols. Students will participate in perceiving, reflecting and responding to musical images and sounds through practical performances of choral music from different historical periods. They will develop appropriate vocabulary by identifying, describing and interpreting music elements and principles used in a variety of music pieces. Some topics include the style of secular and sacred music in both three-part and four-part harmonies.

*\*This course is offered outside of the regular timetable.*

## Athletics

### **Physical and Health Education 10**

**Required Course 4 Credits**

**Pre-requisite: None**

Physical Education 10 further refines and develops the skills learned in Physical Education 9. The goal of this program is to develop the knowledge, skills and attitude that allow students to adopt and maintain a healthy and active lifestyle. The course is divided into units of activity which emphasize the acquisition of fundamental physical literacy skills and a basic knowledge of the rules and strategies of various athletic pursuits. Students participate in a wide variety of activities including individual and team sports. The health education component covers topics such as sources of health and wellness information, healthy decision making, nutrition, physical fitness, stress management, substance abuse, the consequences of bullying, and first aid. Students may also meet this curricular requirement through the QMS Equestrian program.

### **Active Living 11**

**Elective Course 4 Credits**

**Pre-requisite: None**

Active Living 11 provides opportunities for students to experience a variety of recreational pursuits, career interests and activities that promote lifelong, healthy living. Students participate in activities that promote social interaction, community responsibility and skill development. Activities may include fitness, weight training, Pilates, golf, bowling, martial arts, yoga, skating, billiards, lawn bowling, archery, and curling. Students also learn about the potential benefits of physical activities for health and mental well-being, the roles of various nutrients and how they can affect health and performance, injury prevention and management and techniques for organizing and supervising activities.

### **Fitness and Conditioning 11**

**Elective Course 4 Credits**

**Pre-requisite: None**

Our personal fitness can be maintained or enhanced through participation in a variety of activities at different intensity levels. Students in this course will be able to identify, apply, and reflect on strategies utilized to pursue personal fitness goals. This course will introduce students to concepts related to human anatomy and physiology, principles of training and social responsibility as it pertains to safety. Students are expected to participate in physical activities designed to enhance and maintain the health components of fitness. They will be able to identify and describe how muscles produce movement in different parts of the body and how to train those muscles. Students in this course will develop and demonstrate appropriate exercise techniques for a variety of fitness



activities and develop the skills necessary to create and implement a personalized fitness program

### **Active Living 12**

**Elective Course 4 Credits**

**Pre-requisite: None**

Active Living 12 provides opportunities for students to experience a variety of recreational pursuits, career interests and activities that promote lifelong, healthy living. Students participate in activities that promote social interaction, community responsibility and skill development. Activities may include fitness, weight training, Pilates, golf, bowling, martial arts, yoga, skating, billiards, lawn bowling, archery, and curling. Students also learn about the potential consequences of health decisions, including substance misuse, healthy eating guidelines and healthy relationships.

### **Fitness and Conditioning 12**

**Elective Course 4 Credits**

**Pre-requisite: None**

Making healthy choices can help us to reach our health and fitness goals. Students in this course will be able to identify, apply, and reflect on strategies utilized to pursue and maintain personal fitness goals. This course will build on concepts relating to human anatomy and physiology, principles of training and social responsibility as it relates to safety. Students are expected to participate in physical activities designed to enhance and maintain the health components of fitness. Students in this course will develop and demonstrate appropriate exercise techniques for a variety of fitness activities and develop the skills to create and implement a personalized fitness program. This course will help students to understand the ways that they can monitor and adjust exertion levels, principles of program design and the effects of different types of fitness, food choices and health information.

## **Equestrian Program**

### **Physical and Health Education for Equestrian 10**

**Required Course Option 4 Credits**

**Pre-requisite: Administrative Approval**

QMS Students may choose to participate in our unique English riding program to meet their Physical and Health Education curricular requirements. This course will support students in the development of physical literacy skills and understanding of healthy living principles. This course will offer an appropriate balance of riding instruction, equestrian related theory and practical stable management. Through a combination of in-class lessons and outside workshops students will be introduced to health and wellness. Students will learn how to incorporate these core concepts into their daily equestrian activities.

### **Equine Science 10: Anatomy & Physiology**

**Elective Course 4 Credits**

**Pre-requisite: None**

This is a locally developed course approved by the B.C. Ministry of Education covering many aspects of horse knowledge and care. Subjects covered include stable management and stewardship, equine health and disease prevention, and first aid. Students may choose to take this course in Grades 10, 11 or 12. This course is a pre-requisite to the Equestrian Management, Introduction to Horse Training and Introduction to Equestrian Instructing courses.

### **Equine Science 11: Anatomy & Physiology**

**Elective Course 4 Credits**

**Pre-requisite: Equine Science 10**

This course is designed to further promote a scientific approach to equine husbandry and introduce



basic veterinary principles to all students. Common stable management practices are expanded upon to offer learners an academic approach to equine care and facility management. Students are encouraged to further investigate and supplement their competitive and career goals with the help of the materials, lessons, projects and field trips offered through this course.

### **Active Living for Equestrian 11**

**Elective Course 4 Credits**

**Pre-requisite: None**

Active Living for Equestrian 11 provides opportunities for students to experience horseback riding as a recreational pursuit and activity that promotes lifelong, healthy living. Students participate in activities that promote social interaction, community responsibility and skill development. This course will offer an appropriate balance of riding instruction, equestrian related theory and practical stable management. Students also learn about the potential benefits of physical activities for health and mental well-being, the roles of various nutrients and how they can affect health and performance and injury prevention.

### **Equestrian Athlete 11**

**Elective Course 4 Credits**

**Pre-requisite: Registration in Team QMS Riding Program**

This course is tailored to give committed equestrians the appropriate balance of riding instruction, equestrian related theory and practical stable management classes. Through a combination of in-class lessons and outside workshops, students will continue exploring rider health and wellness, horse health and wellness, preparing for a competition and leadership in the horse industry. Students will be expected to actively incorporate these core concepts into their daily equestrian activities, both at home and at horse shows.

### **Equestrian Management 11**

**Elective Course 4 Credits**

**Pre-requisite: Equine Science 10**

Equestrian Management 11 is a practical course designed to prepare students wishing to pursue, or learn more about, a career in equestrian facility and event management. Students will learn to improve the health and welfare of horses in their care by engaging in many of the important aspects of running an equestrian facility, including barn hygiene, safe horse handling, stable and paddock maintenance and improvement, accurate record keeping and much more.

### **Introduction to Horse Training 11**

**Elective Course 4 Credits**

**Pre-requisite: Equine Science 10**

Introduction to Horse Training 11 is a practical course designed for students considering a career as a horse trainer. Students will learn to improve the welfare and enhance the training of horses in their care by engaging in many of the important aspects of horse training, including conditioning, health and safety, equine behaviour, building a training program and proven training techniques.

### **Introduction to Equine Instruction 11**

**Elective Course 4 Credits**

**Pre-requisite: Equine Science 10**

Introduction to Equine Instruction 11 is a practical course designed to prepare students wishing to pursue, or learn more about, a career as an Instructor in the equine industry. Students will learn how to provide beginner riders with the best possible experience and optimal learning environment, as well as explore the necessary steps to become an Equine Canada Instructor of Beginners.



### **Active Living for Equestrian 12**

**Elective Course 4 Credits**

**Pre-requisite: None**

Active Living for Equestrian 12 provides opportunities for students to experience horseback riding as recreational pursuit and activity that promotes lifelong, healthy living. Students participate in activities that promote social interaction, community responsibility and skill development. This course will offer an appropriate balance of riding instruction, equestrian related theory and practical stable management. Students also learn about the potential consequences of health decisions, healthy eating guidelines and healthy relationships.

### **Equestrian Athlete 12**

**Elective Course 4 Credits**

**Pre-requisite: Equestrian Athlete 11 & Registration in Team QMS Riding Program**

This course is tailored to give committed equestrians the appropriate balance of riding instruction, equestrian related theory and practical stable management classes. Through a combination of in-class lessons and outside workshops students will further their exploration of rider health and wellness, horse health and wellness, preparing for a competition and leadership in the horse industry. Students will be responsible for creating and carrying out a yearly training plan based on these core concepts.

### **Equestrian Management 12**

**Elective Course 4 Credits**

**Pre-requisite: Equestrian Management 11**

Equestrian Management 12 is a practical course designed to prepare students wishing to pursue, or learn more about, a career in equestrian facility and event management. Students will actively work to improve the health and welfare of horses in their care by engaging in many of the important aspects of running an equestrian facility, including barn hygiene, safe horse handling, stable and paddock maintenance and improvement, accurate record keeping and much more.

### **Introduction to Horse Training 12**

**Elective Course 4 Credits**

**Pre-requisite: Introductory Horse Training 11**

Introduction to Horse Training 12 is a practical course designed for students considering a career as a horse trainer. Students will play an active role in improving the welfare, and enhancing the training, of horses in their care by engaging in many of the important aspects of horse training, including conditioning, health and safety, equine behaviour, building a training program and proven training techniques.

### **Introduction to Equine Instruction 12**

**Elective Course 4 Credits**

**Pre-requisite: Introductory Equine Instruction 11**

Introduction to Equine Instruction 12 is a practical course designed to prepare students wishing to pursue, or learn more about, a career as an Instructor in the equine industry. Students will gain practical skills in how to provide beginner riders with the best possible experience and optimal learning environment, as well as further exploring the necessary steps to become an Equine Canada Instructor of Beginners.

