

Senior School Course Selection Guide



Introduction

The purpose of this handbook is to help you plan and select your courses for the 2020/21 school year at West Island College.

This document outlines information regarding the Alberta High School Diploma, credits, course prerequisites, as well as brief descriptions of the courses offered at the College.

If you or your parents have any questions regarding our programs or courses, do not hesitate to contact the school at 403-255-5300, and ask to speak to one of our guidance counsellors.

The academic year consists of two semesters: the first semester runs from September to the end of January; the second semester, runs from February to the end of June.

Student Services at West Island College

It is the mission of West Island College's Student Services to foster physical, emotional and academic well-being through learning and personal education planning. The academic and personal supports offered at WIC continue the College's tradition of learning beyond traditional curricular lines establishing the support networks and skills necessary to help students reach their full potential.

Our counsellors work with students to help them adopt a perspective that places a high priority on understanding their educational goals and how to successfully attain them, including but not limited to:

- Setting goals
- Course advising
- High School program planning
- Diploma requirements
- Support of success in courses
- Provide resources to help in decision-making

General Course Information

What are credits?

Credits are awarded for the successful completion of a course (final mark minimum 50%). A 5-credit course represents 125 hours of instruction. A course which is pursued for a full semester is normally worth 5 credits; a course using half this time is awarded 3 credits. Credits can be earned only once in any one class.

What are prerequisites?

A prerequisite course is one that must be successfully completed prior to proceeding to the next level of that subject. For example, you must pass ELA 10-1 before taking ELA20-1.

How are High School courses numbered?

Generally, High School courses are numbered so that Grade 10 classes are designated as "10", e.g., Social 10-1, Science 10 and Physical Education 10.

Grade 11 classes are designated as "20", e.g., ELA 20-1, Chemistry 20 and Art 20.

Grade 12 classes are designated as "30", e.g., FLA 30-1, Chemistry 30 and Math 31.

Note: Courses are not always taken in the Grade indicated by the course number; e.g., Bio 20 can be taken in Grade 10.

Post-Secondary Advising

The Directors of Post-Secondary Advising are available to provide support and help ease the anxiety students may feel when planning for their future education. The Directors of Post-Secondary Advising are available to:

- Help students and parents understand post-secondary entrance requirements,
- Review student plans and write reference letters,
- Answer questions about application and scholarship processes, and
- Host post-secondary representatives.

Registration and Course Selection

Students are advised to plan their High School program by taking into consideration past achievements, prerequisites, requirements for a High School diploma, and post-secondary preparation.

Students should plan a program with the assistance and approval of their parents and from the College's Administration. The school timetable allows a maximum of four courses each semester. All Senior High students are encouraged to register in a full time program to take advantage of the scope of core and complementary courses offered at the College.

Grade 10

All grade 10 students will complete the following 5 requirements towards their high school diploma:

- English Language Arts 10-1
- Social Studies 10-1 (*in English or French*)
- Mathematics 10C (*in English or French*)
- Science 10
- Physical Education 10
- Career and Life Management 20

Additionally, French Immersion students will complete French Language Arts 10-1. Students will choose 2-3 electives to complete in grade 10. Many WIC students choose to take a grade 11 science course (Biology 20 or Chemistry 20) in their grade 10 year. Grade 10 students are required to maintain a full course load of four courses per semester.

Grade 11

With a greater range of course choices, grade 11 allows students to focus their studies in more specific disciplines. Academic planning becomes important in order to ensure that students complete all of the necessary graduation requirements, the institute program they are pursuing, as well as university entrance. Grade 11 is also the first year that WIC students are permitted to register for AP classes.

All grade 11 students will complete the following requirements towards their high school diploma:

- English Language Arts 20-1
- Social Studies 20-1 (*in English or French*)
- Mathematics 20-1 or 20-2 (*if not completed in grade 10*)
- Biology 20, Chemistry 20 or Physics 20 (*if not completed in grade 10*)

Additionally, French Immersion students will complete French Language Arts 20-1. Grade 11 students typically take Mathematics 30-1 or 30-2 in the second semester.

Grade 11 students are required to register in a minimum of 7 courses. Exceptions are subject to administrative approval.

Grade 12

Grade 12 students are able to further focus their studies, having fewer requirements to complete and a greater range of AP courses available.

All grade 12 students will complete the following requirements towards their high school diploma:

- English Language Arts 30-1
- Social Studies 30-1 (*in English or French*)

Additionally, French Immersion students will complete French Language Arts 30-1. Grade 12 students will be expected to register in a minimum of 7 courses. Exceptions are subject to Administrative approval. Course adjustments will be considered based on available space. Careful course selection is extremely important. Students are expected to attend and complete the work required to be successful in the courses they request.

Advanced Placement Program

The Advanced Placement Program (AP), is a program which enables students to pursue college-level studies while still in High School. Based on their performance on rigorous AP examinations, students can earn credit, advanced placement, or both for college/university. The AP program allows High School students to take courses that are challenging, rigorous, and in-depth—exactly the kinds of courses they will face once in university.

Each AP course has one or more prerequisite courses. Careful planning of course sequencing is essential in order to ensure that AP course prerequisites are met before the last semester of grade 12.

Alberta High School Diploma Requirements

Note: These are minimum requirements

COURSES

CREDITS

English 10-1, 20-1, 30-1	15
Social Studies 10-1, 20-1, 30-1	15
Mathematics (Grade 10 & 11 level)	10
Science (Grade 10 & 11 level)	10
Physical Education 10	3
CALM	3
Two full courses from: CTS, Fine Arts, Second Languages, PE 20 or PE 30	10
Two "30" level courses (in addition to English & Social Studies)	
10 Additional courses	24

TOTAL MINIMUM CREDITS REQUIRED: 100

Post-Secondary Entrance Requirements

West Island College is proud of the success our students experience at post-secondary institutions locally, nationally and globally. Entrance requirements for post-secondary institutions change continually, depending on institution and program. It is important that students plan their High School program carefully, with the assistance of our University counsellors, to ensure that they graduate with the required courses and marks to enter their desired post-secondary program.

Bilingual Diploma Requirements

In addition to the Standard Diploma, WIC also offers a Bilingual Diploma (BD). The key requirement is that students study in two languages (French & English). The Bilingual Diploma is awarded to those Grade 12 students who have successfully completed 35 credits of study in which the language of instruction was French, one DELF Diploma (B1 or B2) and the AP French Language & Culture.

COURSES	CREDITS
FLA 10-1, 20-1, 30-1	15
Études Sociales 10-1, 20-1, 30-1	15
Mathématiques 10-C	5

AP French Language and Culture
(Grade 11)

Diplôme d'Étude en Langue Française – DELF
B1 (Grade 9) & B2 (Grade 12)

Institutes: Academic Requirements

Each WIC Institute has several Module A course requirements. Students who receive a WIC Institute Certificate must have completed these requirements in addition to participation in specific leadership opportunities, clubs and activities.

Business Institute

In order to receive a Business Institute Certificate, a student must complete:

Two of:

Financial Literacy 8, Business & Technology 9,
Economics 30, Entrepreneurship 10

One of:

AP Macro Economics 35 or AP Micro Economics 35

Health Science Institute

In order to receive a Health Science Institute Certificate, a student must complete:

Three of:

Biology 30, Chemistry 30, Physics 30, Psychology 20/30,
Sports Medicine 15, Sports Performance 15, Sports
Performance 25, Mathematics 30-1

One of:

AP Biology 35, AP Chemistry 35, AP Physics 35,
AP Psychology 35

Engineering Institute

In order to receive a Engineering Science Institute Certificate, a student must complete:

Five of:

Coding 8, Engineering 9, Computer Science 10, Biology
30, Chemistry 30, Physics 30, Mathematics 30-1,
Mathematics 31

One of:

AP Biology 35, AP Chemistry 35, AP Physics 35,
AP Calculus 35

Liberal Arts Institute

In order to receive a Liberal Arts Institute Certificate, a student must complete:

Two of:

Religious Meanings 20/ World Religions 30,
Psychology 20/30, International Politics 30, Western
World History 30, English Language Arts 30-1,
Independent Law Courses (2 credits in Public Law,
Private Law, Relationship Law, Employment Law or
Business Law)

One of:

AP Psychology 35, AP European History 35,
AP English 35

Fine Arts Institute

In order to receive a Fine Arts Institute Certificate, a student must complete:

Six of:

Drama 10, Drama 20, Drama 30, Advanced Acting 15,
Advanced Acting 25, Advanced Acting 35, Technical
Theatre 15, Technical Theatre 25, Technical Theatre 35,
Art 10, Art 20, Art 30, Art 31, Band 8, Band 9,
Instrumental Music 10, Instrumental Music 20,
Instrumental Music 30.

High School Course Sequences offered at WIC

In order to sequence courses appropriately, it is essential to take into consideration prerequisite courses at the onset of planning. Generally, a student must take all prerequisites before registering in a given course. In order for a prerequisite to be waived a student must show proof that they possess "the knowledge, skills and attitudes identified in the waived course or program of studies" (p. 130, *Alberta Education Guide to Education*).

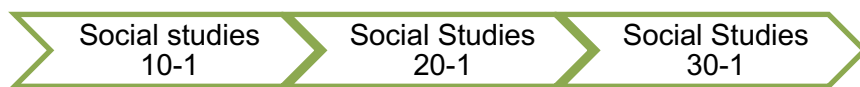
English Language Arts



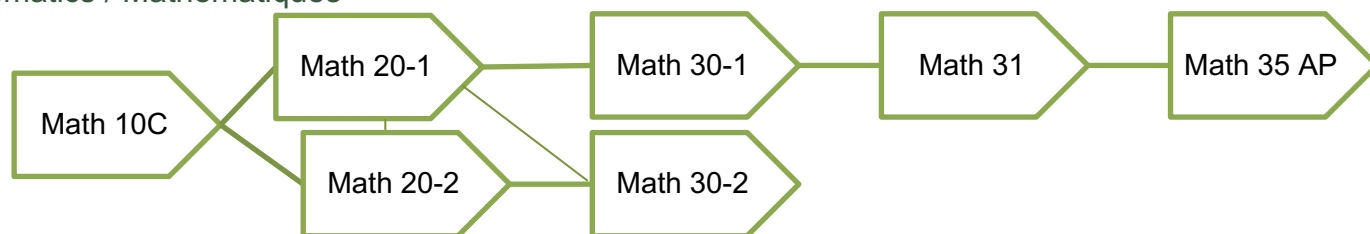
French Language Arts



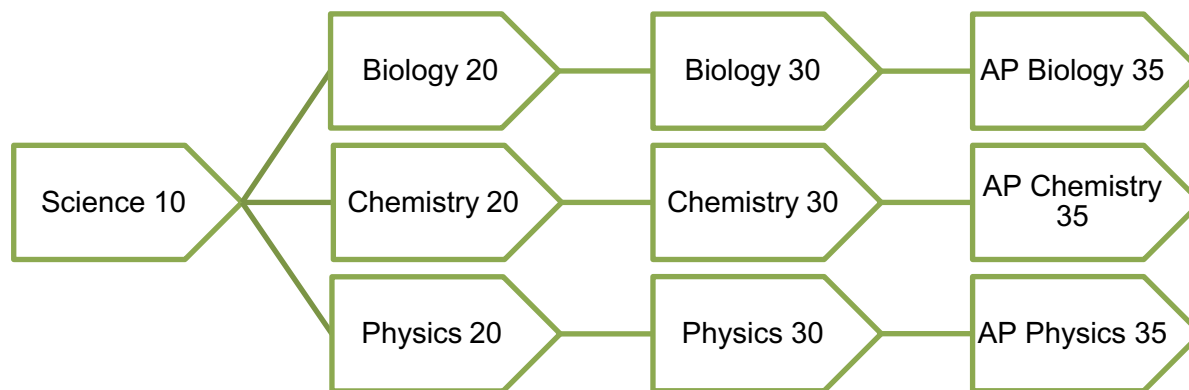
Social Studies / Études Sociales



Mathematics / Mathématiques



Science



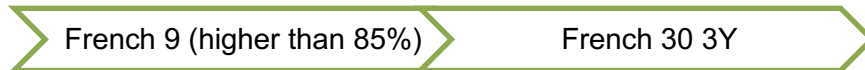
Physical Education



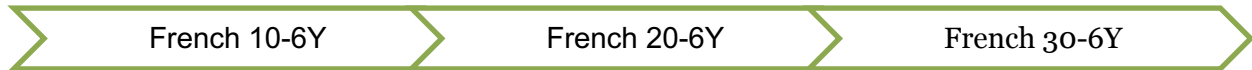
International Languages

**NB 2020-21 will be the last year WIC offers the 3-year program for International Languages*

French (3-year program)



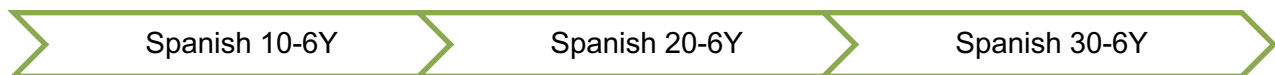
French (6-year program)



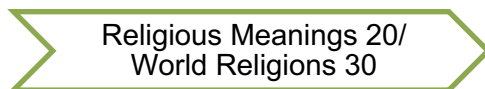
Spanish (3-year program)



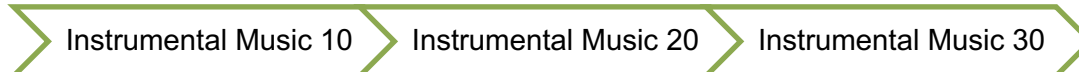
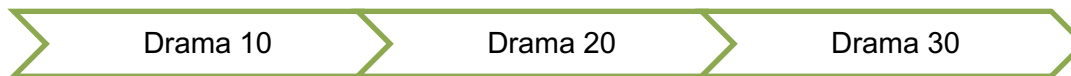
Spanish (6-year program)



Social Science options



Fine and Performing Arts

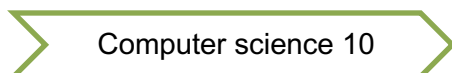
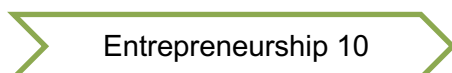


**Timetabled 7:00 – 8:00 a.m. full-year*



**Advanced Acting and Technical Theatre are timetabled after school*

Business and Computers



Course Descriptions

The information in this section provide an overview of the content of each course offered in the Senior School at WIC, the number of credits allocated as well as the prerequisites. A prerequisite is a course that a student must complete before taking the subsequent course. Recommended marks in prerequisites are provided in order to guide students in choosing and sequencing their courses. If a student does not meet the recommended mark in a prerequisite, they should meet with student services or administration to ensure that supports are planned in order help the student succeed in this course.

English Language Arts

The English Language Arts 10-1, 20-1, 30-1 sequence is for students who intend to go to university or other post-secondary institutions.

Expectations

Students at all levels will be expected to demonstrate a measured skill level in critical and creative thinking, reading, writing, listening, viewing and representing a wide variety of texts. Students are expected to maintain a regular routine of study and to complete all assignments.

ELA 10-1

5 Credits

Prerequisite: ELA 9 (50%+)

Reading, writing, speaking, listening, viewing and representing are integral strands in this course. Outcomes include responding personally, critically, and creatively to literature as well as oral, print, visual and multimedia texts. Analytical and extrapolative skills are emphasized in this course. Students will study the following texts: a novel or book-length non-fiction, at least one feature film, a Shakespearean play, a variety of poems and short stories, a variety of visual texts and several essays.

ELA 20-1

5 Credits

Prerequisite: ELA 10-1 (50%+)

This course requires analytical and extrapolative skills as students respond critically, personally and creatively. Textual materials include oral, print, visual and multimedia. Students will study the following texts: a novel, a book-length non-fiction or feature film, a Shakespearean play, a variety of poems, short stories, visual texts and essays.

ELA 30-1

5 Credits

Prerequisite: ELA 20-1 (50%+)

Students use a variety of texts and respond personally, critically and creatively. Analytical and extrapolative skills development enables students to handle the rigours of the diploma examination and subsequent university courses and other post-secondary work. Students will study the following texts: a novel or book-length non-fiction, at least one feature film or modern play, a Shakespearean play, a variety of poems and short stories, essays and visual texts. A study of popular non-fiction including news stories, feature articles, reviews, interviews and other forms of informative and persuasive text is also required.

English 35 AP

3 Credits

Recommended Prerequisite: English 30-1 (Final mark of 80% or Administrative approval)

English 35 AP engages the students in the careful reading and critical analysis of literature. As they read, students consider a work's structure, style, and themes as well as elements such as the use of figurative language, imagery, symbolism and tone. Writing is an integral part of the course. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays.

French Language Arts (French Immersion only)

The French Immersion Program at West Island College is designed for continuing French Immersion students entering the Senior High School from a Junior High French Immersion program. To obtain a French Immersion Bilingual Diploma, students must earn 35 credits in courses taught in the French language over three years, 15 of which must be earned in French Language Arts.

French Language Arts 10-1

5 Credits

Prerequisite: French Language Arts 9 (50%+)

The focus of this course is reading comprehension, writing, listening and speaking, at an advanced level. The language of instruction in the classroom is French. Students may study up to two novels, one documentary, one play and numerous other texts for reading comprehension. Oral and written assignments are assigned throughout the term.

French Language Arts 20-1 5 Credits

Prerequisite: French Language Arts 10-1 (50%+)

The focus of this course is on reading comprehension, writing, listening and speaking, although at a more advanced level.

The language of instruction in the classroom is French.

Students may study up to three novels, one film, one play and numerous other texts for reading comprehension. Oral and written assignments are assigned throughout the term.

French Language Arts 30-1 5 Credits

Prerequisite: French Language Arts 20-1 (50%+)

In the FLA 30-1, students focus on reading comprehension, writing, listening and speaking, all at an advanced level. Students will analyze various types of literary texts as well as perfecting their writing skills. Students may study up to two novels, numerous of short stories, one film, one play and numerous other texts for reading comprehension. Oral and written productions are assigned throughout the term.

AP French

Recommended Prerequisite: FLA 20-1 (Final mark of 50% or Administrative approval)

AP French Language and Culture emphasizes communication (understanding and being understood by others) through personal interactions, interpretations and presentations in real-life situations. This includes use of vocabulary, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication.

The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

Students who complete the AP French seminars are eligible to write the AP French exam.

Social Studies Études Sociales

The social studies / Études sociales 10-1, 20-1, 30-1 course sequence is intended for students who plan to go to university or other post-secondary institutions. This program is offered in both the French and English languages.

Students who complete the Études sociales in French meet the social studies requirement for the French Immersion Bilingual Diploma.

Expectations

Students at all levels are expected to develop the key values, attitudes, knowledge, understanding, skills and competencies necessary to become active and responsible citizens who are engaged in the democratic process and aware of their capacity to effect change in their communities, society and the world.

Social Studies 5 Credits Études Sociales 10-1

Prerequisite: SS/ES 9 (50%+)

Students explore multiple perspectives on the origins of globalization and the local, national and international impacts of globalization on identity, lands, cultures, economies, human rights and quality of life.

Social Studies 5 Credits Études Sociales 20-1

Prerequisite: SS/ES 10-1 (50%+)

Students explore the complexities of nationalism in Canadian and international contexts. They will study the origins of nationalism and the influence of nationalism on regional, international and global relations. The infusion of multiple perspectives will allow students to develop understandings of nationalism and how nationalism contributes to the citizenship and identities of peoples in Canada.

Social Studies 5 Credits Études Sociales 30-1

Prerequisite: SS/ES 20-1 (50%+)

Students investigate the history and principles of various ideologies, with the overriding theme of liberalism and the perspective it provides on all other ideologies. Students must develop skills involving source interpretation and the development of arguments which are assessed on the Diploma Exam

Mathematics

The Math-1 course sequence is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of calculus. This program is offered in both the French and English languages to the Grade 10 level.

Mathematics/Mathématiques 10C 5 Credits

Prerequisite: Math 9 (50%+)

This is a common Grade 10 mathematics course for students who have successfully completed Grade 9 Math. Topics include measurement, trigonometry, polynomial operations and factoring, linear relations, functions and systems of equations.

Mathematics 20-1 5 Credits

Prerequisite: Math 10C (Recommended 70%+)

Topics include sequences and series, quadratic functions and equations, absolute value and radical expressions and equations, factoring polynomials, radical and rational expressions and equations, trigonometry (angles, primary trigonometric ratios, cosine law and sine law), reciprocal functions, linear and quadratic inequalities in one and two variables.

Mathematics 30-1 5 Credits

Prerequisite: Math 20-1 (Recommended 70%+) or
Math 30-2 (Recommended 80%+)

Topics include exponential and logarithmic functions and equations, trigonometric and circular functions and equations, trigonometric identities, operations on, and compositions of functions, inverses of relations, permutations, combinations and binomial theorem.

The -2 course sequence is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that do not require the study of calculus.

Mathematics 20-2 5 Credits

Prerequisite: Math 10C (50% +)

Topics include logical reasoning, properties of angles, trigonometry, rational expressions and equations, quadratic functions and equations, statistics and proportional reasoning.

Mathematics 30-2 5 Credits

Prerequisite: Math 20-1 or 20-2 (50%+)

Topics include set theory, permutations and combinations, probability, rational expressions and equations, polynomial functions, exponential and logarithmic functions and equations and sinusoidal functions.

Calculus

Mathematics 31 5 Credits

Prerequisite or co-requisite: Math 30-1 (Recommended 70%+)

This course is for students who want an introduction to Calculus. It is intended for students who will pursue more education in mathematics or science at university. Students must possess a high degree of motivation towards mathematics, have excellent work habits and have a strong math background. Content includes pre-calculus, limits, derivatives, integration and applications.

Mathematics 35 AP 3 Credits

Must be taken in same school year as Math 31.

Recommended Prerequisite: Math 31 (Recommended 80%+)

Mathematics 35 AP provides students with exceptional ability or interest the opportunity to pursue more advanced levels of study in Calculus. This course has a broad scope and is a highly demanding intellectual course.

Science

Science 10

5 Credits

Prerequisite: Science 9 (50%+)

Science 10 is an integrated academic course that is necessary for the understanding and application of the fundamental concepts and skills common to Biology, Chemistry and Physics. It is the prerequisite course leading to Biology 20, Chemistry 20 and Physics 20.

- Science 10 consists of four units of study:
- Matter and Energy in Chemical Change (Chemistry)
- Energy Flow in Technological Systems (Physics)
- Cycling of Matter in Living Systems (Biology)
- Energy Flow in Global Systems (Environmental Science)

Biology 20

5 Credits

Prerequisite: Science 10 (50%+)

Biology 20 consists of four units of study:

- Energy and Matter Exchange in the Biosphere
- Ecosystems and Population Change
- Photosynthesis and Cellular Respiration
- Human Systems

Biology 30

5 Credits

Prerequisite: Biology 20 (50%+)

Biology 30 consists of four units of study:

- Nervous and Endocrine Systems
- Reproduction and Development
- Cell Division, Genetics and Molecular Biology
- Population and Community Dynamics

Biology 35 AP

3 Credits

Recommended Prerequisite: Biology 30 (Final mark of 80% or Administrative approval)

Biology 35 AP expands the scientific and related technological knowledge and skills provided by Biology 20 and 30 that will enable students to further understand and interpret their world. The course is taught thematically along the four Big Ideas of AP

Biology: Evolution, Matter & Energy Exchange in living systems, Information exchange and transfer in living systems, Interactions in living systems. Additionally there is a high level lab component which gives students the skills and knowledge to be successful in biology at the post-secondary level.

Chemistry 20

5 Credits

Prerequisite: Science 10 (50%+)

Recommended prerequisite: Math 10C (80% +)

Chemistry 20 consists of four units of study:

- The Diversity of Matter and Chemical Bonding
- Forms of Matter: Gases
- Matter as Solutions, Acids and Bases
- Quantitative Relationships in Chemical Changes

Chemistry 30

5 Credits

Prerequisite: Chemistry 20 (50%+)

Chemistry 30 consists of four units of study:

- Thermochemical Changes
- Electrochemical Changes
- Chemical Changes of Organic Compounds
- Chemical Equilibrium Focusing on Acid-Base Systems

Chemistry 35 AP

3 Credits

Recommended Prerequisite: Chemistry 30 (80%+)

Chemistry 35 AP expands the scientific and related technological knowledge and skills provided by Chemistry 30 that will enable students to further understand and interpret their world. It also provides an important introduction to a range of fundamental topics such as: atomic theory and atomic structure, chemical bonding, nuclear chemistry, gases, liquids and solids, solutions, reaction types, stoichiometry, equilibrium, kinetics and thermodynamics.

Physics 20

5 Credits

Prerequisite: Science 10 (50%+)

Recommended prerequisite: Math 10C (80% +)

Physics 20 consists of four units of study:

- Kinematics
- Dynamics
- Circular Motion, Gravitation and Energy
- Periodic Motion and Waves

Physics 30

5 Credits

Prerequisite: Physics 20 (50%+), Math 20-1 (50%+)

Physics 30 consists of four units of study:

- Momentum and Impulse
- Forces and Fields
- Electromagnetic Radiation
- Atomic Physics

Physics 35 AP

5 Credits

Recommended Prerequisite: Physics 30 (Final mark of 80% or Administrative approval)

Physics 35 AP expands the scientific and related technological knowledge and skills provided by Physics 30. It also provides an important introduction to a range of fundamental concepts not included in the Physics 30 course, such as thermodynamics, electrical circuit theory and fluid dynamics.

International Languages

French

French 10 / FSL 10 – 6-year program 5 Credits

Prerequisite: French 9 (50%+)

This is the fourth year of a six-year continuous program. Students wishing to continue improving their ability to speak, read, write and understand the language throughout their high school years are encouraged to take this program. Students discuss and write about familiar topics, such as school subjects and activities, the weather, and friends. They will challenge DELF A1.

French 20 / FSL 20 – 6-year program 5 Credits

Prerequisite: French 10 (50%+)

This is the fifth year of a six-year continuous program. Students wishing to continue improving their language skills throughout their high school years are encouraged to take this program. Students will use, with accuracy, linguistic elements of the French language to ensure they are understood in their writing and speech. They will develop additional strategies to improve reading and comprehension skills in French. They will challenge DELF A2.

French 30 / FSL 30 – 6-year 5 Credits

Prerequisite: French 20 (50%+)

This is the sixth year of a six-year continuous program. Students wishing to continue studying and improving their language skills throughout their high school years are encouraged to take this program. Students will use their knowledge of French to understand and to express a message effectively in various situations for a variety of purposes. They will be able to use, with accuracy, appropriate grammar and structure in French to fulfill enhance understanding in oral presentations or written essays. They will challenge DELF B1.

French 30 / FSL 30 – 3-year program 5 Credits

Prerequisite: French 9 (85%+)

Note: Students who studied French at WIC in Junior High School will have the option to register in French 30 – 3Y and will receive credits but no mark for French 10 and 20 upon successful completion of French 30-3Y. French 10 and 20 will show as a pass or fail on their final transcript.

This is an accelerated program where students will have the opportunity to improve their communication skills in the French language. Themes to be covered include sports, art and artists, housing, fashion and traveling. Comparisons, superlative, object pronouns and verb tenses: the imperfect, the future, and the conditional will also be studied. They will challenge DELF A1 or A2.

**NB 2020-21 will be the last year WIC offers the 3-year program for FSL.*

Spanish

Spanish 10 – 6-year program 5 Credits

Prerequisite: Spanish 9 (60%+)

This is the fourth year of a six-year continuous program. Students wishing to continue improving their language skills throughout their high school years are encouraged to take this program. Students will gain a deeper understanding of more advanced grammar and gain a wider range of vocabulary. There will be a focus on improving conversational Spanish. This class will include the study of short stories by Spanish authors and a movie study. Themes include celebrations, daily routines, clothing, places in the community and driving.

Spanish 20 – 6-year program 5 Credits

Prerequisite: Spanish 10 (50%+)

This is the fifth year of a six-year continuous program. Students will gain a deeper understanding of advanced grammatical topics and gain a wider range vocabulary. This class will include a novel study, short stories by Spanish authors and a movie study. Themes include fine arts, legends and myths, technology and media, travel and current events.

Spanish 30 – 6-year program

5 Credits

Prerequisite: Spanish 20 (50%+)

This is the sixth year of a continuous program. Students will gain a deeper understanding of more advanced grammatical topics and gain a wider range vocabulary. This class will include up to two novel studies, short stories by Spanish authors and a movie study. Themes include literature and poetry, future, careers, studying and living abroad, looking for an apartment, history, current issues and globalization.

Spanish 30 – 3-year program

5 Credits

Prerequisite: Spanish 9 (85%+)

Note: Students who studied Spanish at WIC in Junior High School will have the option to register in Spanish 30 – 3Y and will receive credits but no mark for Spanish 10 and 20 upon successful completion of Spanish 30-3Y. Spanish 10 and 20 will show as a pass or fail on their final transcript.

This is an accelerated program where students will continue their study of Spanish to improve and develop their speaking, listening, reading and writing skills. Themes to be covered include arts, entertainment and literature, music, relationships (friends/ clubs/ activities/sports/hobbies), cultural celebrations, driving, folk tales, legends and fables, children's games, childhood activities, technology, the world of work, and the environment.

Grammatical topics covered include: preterit, imperfect, future, conditional and subjunctive tenses. Commands, indirect object pronouns, comparatives and superlatives will also be covered.

NB 2020-21 will be the last year WIC offers the 3-year program for Spanish.

Language Challenge Assessment Policy

A challenge assessment is a means of receiving credits and a final mark for a second languages course in which students already possess the knowledge, skills and attitudes identified in the Program of Studies and when it is in the student's best interest.

Social Science Courses

These courses are offered as challenging options to students who have an interest in the Social Sciences. They are not intended as alternatives to the regular Social Studies classes, nor can they be used to fulfill Social Studies credit requirements for Alberta Education.

International Politics 30 /Western World History 30

6 Credits

No Prerequisite

The objective of International Politics 30 is to give the student an understanding of the development and importance of international relations. Examining such concepts as the nature and balance of power, territorial rivalry, ideological rivalry, international conflict and international economic relations brings about this understanding.

Western World History 30 emphasizes the general narrative of European history from approximately 1450 to today. The course includes an examination of the political, social, economic, intellectual, cultural, and diplomatic history of modern Europe.

European History 35 AP

3 Credits

Prerequisite: Western World History 30 (Recommended 80% or Administrative approval)

European History 35 AP covers Western history from the Renaissance until the present – with a focus on social, intellectual and art history and the development of source interpretation skills. In addition to covering all topics at a university level, the AP course emphasizes university level skills of essay writing, debate and seminar discussion.

General Psychology 20 / Experimental Psychology 30

6 Credits

No Prerequisite

Psychology 20 is designed to help one understand more fully the reasons that underlie human behaviour. This general psychology course traces the historical schools of psychological thought and examines principles of learning, thinking, frustration and conflict, and explains behaviour disorders and their treatment.

Experimental Psychology 30 builds on the knowledge gained in Psychology 20. Students will examine the history of experimental psychology, conditioning, personality, mental illness and the application of psychology in our world.

Psychology 35 AP

3 Credits

Recommended Prerequisite: Psychology 30 (Final mark of 80% or Administrative approval)

Psychology AP is designed to continue and extend the study of the systematic and scientific study of the behaviour and mental processes of human beings. Students will assess some of the varied approaches adopted by psychologists, including the biological, behavioural, cognitive, humanistic, psychodynamic, and sociocultural perspectives. The course stresses critical thinking, reading and writing within the context of scientific methodology, and questioning.

Religious Meanings 20/ World Religions 30

6 Credits

No Prerequisite

Religious Meanings 20 explores the ways humankind searches for religious meaning through text, practice, experience and ritual. By the end of the course, students will identify the origins and tenets of various religions, relate the practices and rituals of religions to the lives of individuals and explain the difference between sacred writings and oral teachings. This course allows students to develop skills in researching and investigating religious related topics.

World Religions 30 will introduce students to an exploration of religions around the world: Buddhism, Christianity, Hinduism, Islam, Judaism and Sikhism.

Physical Education

In the new millennium, it has become increasingly evident that personal health and fitness are key components in today's society. A well-balanced physical education program contributes to the development of the physical, intellectual, social and emotional aspects of the individual student. WIC's PE program is co-educational.

Physical Education 10 3 Credits

No Prerequisite

PE 10 is a compulsory course for Grade 10 students as it is a required course for the Alberta High School Diploma.

There are fees associated with this program which cover guest presenters and off-campus activities. Students can expect to engage in several activities which may include, but are not limited to:

- Aikido
- Badminton
- Basketball
- Bowling
- CPR and First Aid
- Cross Training
- Curling
- Dance (compulsory)
- Field Games
- Fitness
- Floor Hockey
- Football
- Inline Skating
- Low Organized Games
- Racquetball
- Rugby
- Slow-Pitch
- Soccer
- Squash
- Swimming
- Table Tennis
- Tennis
- Track and Field
- Ultimate Frisbee
- Volleyball
- Yoga

Physical Education 20 5 Credits

Prerequisite: Physical Education 10 (50%+)

Physical Education 30 5 Credits

Prerequisite: Physical Education 20 (50%+)

The focus of the Physical Education 20/30 program is centred on a series of lifelong activities. This focus is comprised of activities that take place mostly off campus. The program is designed to provide students with exposure to a wide variety of potential lifelong activities. These activities may include:

- Bowling
- Canoeing
- Fitness
- Flag Football
- Golf
- Hiking
- Kayaking
- Leadership Component
- Low Organized Games
- Racquetball/Squash
- Rugby
- Sailing
- Slow-Pitch
- Swimming
- Table Tennis
- Track and Field
- Tennis
- Ultimate Frisbee
- Wall Climbing
- Weight Training

Sports Medicine 15 5 Credits

No Prerequisite

Sports Medicine is a hands-on course offering practical application and science-based knowledge. Sports Medicine 10 is comprised of five one-credit CTS modules for a total of 5 credits for the course.

Sports Medicine is a logical beginning for those students who are interested in such career pathways as Athletic Therapy, Physiotherapy, Occupational Therapy, Nursing, Chiropractic, Medicine, Kinesiology, Physical Education, Fire Fighting, Pro Athlete/Coach, Paramedic, Fitness Instructor, Massage Therapy, Nutrition, or any other of the many Medical and Sport Sciences.

Sports Performance 15 5 Credits

No Prerequisite

Sports Performance 25 5 Credits

Sport Performance 15

Sports Performance is a series of one credit CTS courses bundled together which can assist students to reach their athletic potential in their chosen sport(s). Students should be athletes at a competitive level who are serious about improving their speed, power, agility, flexibility, endurance and core stability. Athletes will participate in a variety of fitness programs designed to emphasize the attributes needed for their sport. They will also explore other avenues related to sport performance including nutrition, training techniques and understanding of the current trends in the fitness and sport development industry.

CALM 20 3 Credits

Career and Life Management is a compulsory course required for the Alberta High School Diploma. At West Island College, CALM is offered in Grade 10 in conjunction with PE 10.

The CALM curriculum is organized into three major units:

- Personal Choices
- Resource Choices
- Career and Life Choices

Emphasis is placed on individual decision-making and goal setting throughout the course.

Included in the Personal Choices unit is a human sexuality component. Parents will receive information about this unit and the option of an alternative to the classroom instruction should they so choose.

Fine Arts

Visual Arts

Art 10 5 Credits

No Prerequisite

This course is designed to be enjoyable and challenging for students with an interest in visual art. Emphasis is placed on skill development, media exploration, and conceptual understanding.

Students will build on their own abilities and will be introduced to how to think and behave as an artist while recognizing the existence and value of art within society.

Art 20 5 Credits Prerequisite: Art 10 (50%+.)

Art 20 will allow students to explore and expand their creativity through an advanced understanding of various mediums, skills, and techniques. Emphasis is placed on inquiry and developing critical thinking skills in order to evaluate student's own art and art in the world around them. Art history is incorporated into project assignments and field trips to support curriculum focus are included where possible.

Art 30 5 Credits Prerequisite: Art 20 (50%+)

Art 30 builds on the two previous levels of media use and skill building. Students who are serious about creativity and critical thinking are encouraged to participate. Emphasis will be on a more personal, cultural, historical and political context when creating work. Art History, research, written work, and critiques are included. Students enrolled in Art 30 will be studying more art history than students enrolled in Art 20 and field trips to support curriculum focus are included where possible.

Art 31 5 Credits Prerequisite: Art 30 (50%+)

This course examines the impact of international influences and technology on modern art and, in turn, modern art's impact on society. It emphasizes the contemporary point of view of society and explores contemporary practicing artists. When possible, students are encouraged to attend gallery shows as well as to participate in field trips to galleries and cultural events.

Instrumental Music

Instrumental Music 10/20/30 5 Credits

Prerequisite: Previous instrumental experience (school band/private study)

This is an advanced course in High School instrumental music which builds directly on the skills developed throughout the Junior High School band program. Technical, theoretical, historical and ensemble aspects of instrumental musicianship will be covered. Students enrolled in the Senior Band program will be timetabled outside of the regular timetable in the AM block.

Theatre Arts

Drama 10 5 Credits No Prerequisite

In this introductory course, students explore various forms of physical and contemporary theatre styles as a form of self-expression and self-reflection. High energy theatre games, character development and collaboration with Drama 20 / 30 students will help students hone their performance skills. Students may also attend workshops with professional theatre artists, and attend plays as a class.

Drama 20 5 Credits Prerequisite: Drama 10 (50%+)

Students in Drama 20 will immerse themselves in the world of theatre through scene study, playwriting, and other units designed to improve acting technique, writing skills, and directing skills. Students will participate in workshops with professional theatre artists, attend plays together and work with professionals creating the set for the annual theatre production. Drama 20 students also perform in Drama 30 directing projects giving them more opportunities to hone their craft as performers.

Drama 30 5 Credits Prerequisite Drama 20 (50%+)

This challenging course takes drama students to a pre-professional level. Students work as mentors for Drama 10 and 20 students as well as learning about the world of directing and taking charge of their own production. Drama 30 students will have the opportunity to present the projects to the community at the end of the semester. Students take part in workshops in stage combat, attend plays as a class and are also encouraged to see theatre on their own and take part in theatre outside of school and the classroom.

Technical Theatre 15/25/35 **5 Credits Each**
No Prerequisite

This course teaches students about the backstage work in theatre: lighting, sound design, set design and construction, hair and make-up design, publicity, and stage management. Students work directly on the December production and the other productions throughout the year in this hands-on learning environment. This is the perfect course for those who love to be involved in theatrical productions, but are not necessarily interested in being performers. This course is only offered outside of the regular timetable.

Business/Computers

Entrepreneurship 10 **6 Credits**
No Prerequisite Grade 10, 11, 12

This course is designed to help students develop the skills, knowledge and attitudes required to help increase their entrepreneurial and leadership skills in the business world; students will be introduced to a variety of business programs. This course is designed to help students develop the skills, knowledge and attitudes required to increase their entrepreneurial and leadership skills. There are main topics covered by this course are: accounting, marketing, organizational behaviour, business ethics, management and design thinking.

Computer Studies 10/11 **5 Credits**
No Prerequisite Grade 10 & 11

Students will explore foundational concepts in computer science through collaboration, creativity, and engaging challenges. Course topics include computer history and ethics, algorithms, cryptography, data management, programming languages, web development, as well as, app and game design. Students will receive five Alberta Education Career and Technology Studies credits upon completion, and will build relevant digital skills that will aid in their future education and career pathway.

Economics 30 **6 Credits**
No Prerequisite Grade 10, 11, and 12

Not everyone has to be an economist, but everyone should have some knowledge about the economy. This course is designed to create this reality, by providing each student with an overview of the main concepts of Micro and Macro Economics. Students will also explore some personal financial management topics through readings, videos and guest presenters.

Micro Economics 35 AP **3 Credits**

Recommended Prerequisite: Economics 30 (Final mark of 80% or Administrative approval)

The purpose of Micro Economics AP is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

Macro Economics 35 AP **3 Credits**
Recommended Prerequisite: Economics 30 (Final mark of 80% or Administrative approval)

The purpose of Macro Economics AP is to give students a thorough understanding of the principles of economics which apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination and also develops students' familiarity with economic performance measures, economic growth, and international economics.

Guide to program planning and course selection

Requirements

Step 1: Add your requirements to the planning worksheet.

a) All WIC Students

In order to obtain their Alberta High School Diploma, WIC students must complete the following courses:

- English Language Arts 10-1, 20-1, 30-1
- Social Studies 10-1, 20-1, 30-1
- Mathematics 10C
- Mathematics 20-1 or 20-2
- Science 10
- Biology 20, Chemistry 20 or Physics 20
- Physical Education 10
- Career and Life Management 20

Step 2: French Immersion Students

Students in the French Immersion program must add French Language Arts 10-1, 20-1 and 30-1 to their requirements table.

Step 3: Institute requirements

Students pursuing an institute certificate should select the courses they will need to complete in order to meet the academic requirements (*see page 3 of this guide*). Add the selected courses to the requirements table.

Step 4: Post secondary entrance requirements

Students should check the general academic requirements for the specific faculties in which they may be interested. Add these courses to the requirements table.

Note: Enter each course only once in the requirements table.

Course sequencing

Step 5: Determine prerequisites

For each course 20 or 30 level course, refer to the course sequence graphics on pages 4 and 5 of this guide.

Add the prerequisite courses to the requirements and course sequencing table

Your 3-year plan

Step 6: Develop your 3-year plan

- a) Assign the required courses to grade 10, 11 or 12, ensuring that you put a maximum of 2 courses from the same sequence in one year (1 course per semester).
- b) Try to leave 1-2 blocks blank per year if possible.
- c) In the remaining blocks, choose courses that you believe you will enjoy. This time in your schedule should allow you to explore new subjects, be active or pursue creative arts.
- d) Add Instrumental Music 10-20-30 as a 9th course if desired.

Example 3-year programs:

Example Interdisciplinary Studies

Grade 10	Grade 11	Grade 12
ELA 10-1	ELA 20-1	ELA 30-1
Social st 10-1	Social st 20-1	Social st 20-1
Math 10C	Math 20-1	Math 31
Science 10	Math 30-1	Physics 30
PE 10/ CALM 20	Biology 30	Psychology 20/30
Biology 20	Physics 20	AP Psychology
Art 10	Art 20	AP Biology
Sport perf 15	Sport perf 25	Art 30

Example Business Institute certificate (FI/SL)

Grade 10	Grade 11	Grade 12
ELA 10-1	ELA 20-1	ELA 30-1
FLA 10-1	FLA 20-1	FLA 30-1
Social st 10-1	Social st 20-1	Social st 20-1
Math 10C	Math 20-1	Math 31
Science 10	Math 30-1	Economics 30
PE 10/ CALM 20	Biology 30	AP Econ 35
Biology 20	Chemistry 20	Drama 20
Business 10	Drama 10	Drama 30

Example Health Science or Engineering Institute certificate

Grade 10	Grade 11	Grade 12
ELA 10-1	ELA 20-1	ELA 30-1
Social st 10-1	Social st 20-1	Social st 20-1
Math 10C	Math 20-1	Math 31
Science 10	Math 30-1	Chemistry 30
PE 10/ CALM 20	Biology 30	Physics 20
Biology 20	Chemistry 20	Physics 30
Sport med 15	Sport med 25	AP Chemistry 35
Comp sci 10	PE 20	PE 30

Example Liberal or Fine Arts certificate (FI/SL)

Grade 10	Grade 11	Grade 12
ELA 10-1	ELA 20-1	ELA 30-1
FLA 10-1	FLA 20-1	FLA 30-1
Social st 10-1	Social st 20-1	Social st 20-1
Math 10C	Math 20-1	Math 30-1
Science 10	Math 30-2	Biology 30
PE 10/ CALM 20	Biology 20	Psychology 20/30
Rel m 20/ WR 30	Interpol 30	AP Psychology
Art 10	AP Euro Hist	Economics 30
Drama 10	Drama 20	Drama 30

+ Inst Music 10. Inst Music 20 Inst Music 30

**FI/SL: Example of program for a French Immersion, French as a second language or Spanish as a second language student.*

*TEAR-OUT PLANNING WORKSHEET
NEXT PAGE*

WIC Senior School program planning worksheet

Requirements and course sequencing table

10-level courses	20-level courses	30-level courses	AP courses
English Language Arts 10-1	English Language Arts 20-1	English Language Arts 30-1	
Social Studies 10-1	Social Studies 20-1	Social Studies 30-1	
Mathematics 10C	20-level math:		
Science 10	20-level sci:		
Physical Education 10/ CALM 20			

Ensure you have included

- 10 credits at the 30-level in addition to English Language Arts 30-1 and Social Studies 30-1
- 10 credits of CTS, Second Language, Arts (Music, Drama, Art) or Physical education 20/30 credits,
- More than 100 credits total

Three year plan

Grade 10	Grade 11	Grade 12
English Language Arts 10-1	English Language Arts 20-1	English Language Arts 30-1
Social Studies 10-1	Social Studies/ Études sociales 20-1	Social Studies/ Études sociales 30-1
Mathematics 10C	Mathematics 20-1 or 20-2	
Science 10	20 or 30-level science	
Physical Education 10/ CALM 20		
20-level science or elective		

Note: AP classes are only offered in the second semester. AP classes are only available to grade 11 and 12 students.