COURSE OFFERINGS

LUTHER COLLEGE HIGH SCHOOL

Luther College High School adheres to the Government of Saskatchewan curricula and also offers the International Baccalaureate (IB) Programme.

Course selection and availability may be subject to change.

CHRISTIAN ETHICS

Christian Ethics 9
Jesus and Christianity
- Jesus' roots in Judaism
- life and teaching of Jesus

Christian Ethics 10
The study of world religions
- Hinduism
- Buddhism
- Christianity
- Islam
- Judaism
- Indigenous spirituality
- religious prejudice
- cults and cult manipulation

Christian Ethics 20
Christian themes
- basic life issues and spirituality
- the Christian life
- church history
- basic Christian beliefs
- morality
- *Students may opt in to an experiential justice-themed El Salvador course option*

Christian Ethics 30
The individual in society
- Christian perspectives
- social issues
- moral reasoning

Christian Ethics 30 *(continued)*
- justice issues
- personal morality
- *Students may opt in to an experiential justice-themed El Salvador course option*

IB Theory of Knowledge
- reflection on diverse ways of knowing and areas of knowledge
- perception, reason, language and emotion
- math, natural sciences, human sciences, history, the arts and ethics
- belief, certainty, culture, evidence, explanation, interpretation, intuition, technology, truth, values and biases

ENGLISH LANGUAGE ARTS

English Language Arts 9A/9B
- reading for meaning and annotation
- identification and analysis of literary and poetic features
- formal paragraph writing
- formal presentation skills
- study of short stories and *The Odyssey* (9A)
- study of poetry and Shakespeare (*Romeo and Juliet* or *Midsummer Night's Dream)* (9B)

English Language Arts 10
- reading for meaning and annotation
- accurate identification and analysis of literary features
- narrative and formal essay writing
- writing literary passage analysis
- formal presentation skills
- study of El Akkad's *What Strange Paradise*, narrative essays, and other short works
- study of Shakespeare's *Macbeth*

English Literature & Composition 20
- reading for analysis and annotation
- distinguishing, interpreting, and analysing literary features and author's technique
- building connections between works, based on both theme and literary technique
- formal essay writing
- writing literary passage analysis
- formal presentation skills
- thematic Poetry and Short Story Unit
- study of Hosseni's *The Kite Runner*

English Language Arts 20
- reading for analysis and annotation
- build understanding of author's context and its effect on authorial choices
- understanding literary techniques, including rhetoric, and their effects
- formal and comparative essay writing
- writing literary passage analysis
- formal presentation skills
- applying literary lenses
- comparative analysis of works, both on theme and literary technique
- study of African American Literature (non-fiction, poetry, and fiction)
- study of tragic drama, both ancient and modern

English Literature & Composition 30
- reading for literary and comparative analysis
- build understanding of author's context
- understanding literary techniques and their effects
- comparative essay writing
- writing literary passage analysis
- formal presentation skills
- comparative analysis of works, both on theme and literary technique
- study of literature with Indigenous focus (drama, essays, fiction)
- poetry survey, both older and contemporary authors
- Study of Martel's *Life of Pi*

English Language Arts 30
- reading for literary and comparative analysis
- synthesis and evaluation of authorial choices, literary techniques, and their effects
- build understanding of author's context and its effect on authorial choices
- creative presentation skills
- independent literary analysis of contemporary novel
- study of Shakespeare's *Hamlet*
- independent reading of contemporary fiction or non-fiction
- study of Atwood's *The Handmaid's Tale*
- study of Canadian Literature (short stories, poems, and essays)

IB English Literature A HL
(four semesters)
- reading for literary and comparative analysis
- synthesis and evaluation of authorial choices, literary techniques, and their effects
- build understanding of author's context and its effect on authorial choices
- formal oral presentation skills
- study of literature across ages, continents, forms of literature, and languages
- building skills towards the IB assessments, which feature a literary analysis of sight works, a comparative essay of two works, a 1500 word essay on one work, and an oral presentation connecting two works to a global issue

FILM STUDIES

Communication Media 10
- introduction to film history
- basic techniques of video filming, audio recording and digital editing
- introduction to film theory (genres, styles, directing)
- production skills workshops and collaborative film production

Communication Media 20/ IB Film SL
- continued development of camera, audio and editing skills (including DaVinci Resolve)
- independent study of a film director or genre
- screenplay writing
- advanced production skills workshops and collaborative film production

Communication Media 30/ IB Film SL
- film set protocols
- introduction to production design and production management
- Canadian film history, modern Canadian films, Indigenous film culture
- advanced production skills workshops and collaborative film production
- film history and international film studies textual analysis of film study of technique, directing styles, production design and cinematography
- independent study of film history and/or theory
- production skills in cinematography
- directing, sound design, editing, writing and a finished film

FINANCIAL LITERACY

Financial Literacy 10
- basic financial planning, financial institutions, and financial processes
- examining the role finances have on well-being, ways to earn income, budgets, investments, credit, and financial planning

FINE ARTS

Band 9, 10, 20 & 30
- ensemble band experience
- instrumental techniques
- music appreciation
- group performances

Treble Choir 9 & 10
- yearlong participation
- features soprano and alto voices
- voice development
- ear training and sight-reading skills
- handbell choir participation
- group performances

Senior Choir 9, 10, 20 & 30
- yearlong participation
- voice development
- features soprano, alto, tenor, and bass singers
- music theory, ear training, and sight-reading skills
- exploration of musical styles
- tour and performances
- AVE (advanced vocal ensemble)

Drama 9
- improvisation
- fundamentals of performance
- collaborative theatre
- genre studies

Drama 10
- intermediate improvisation
- working with monologues and scripts
- theatre history
- collective creation

Drama 20 & 30/IB Theatre SL
- world theatre traditions
- theatre theory
- devising theatre
- play production
- taking on the role of creator, director, performer, and designer
- collaborative theatre making and performance

Music 9
- listening skills
- performance skills
- beginner music literacy skills
- introduction to handbells and northern spirit flutes
- exploration of world music
- group performances

Music 10
- introduction to piano
- intermediate handbells
- exploration of contemporary music styles
- individual and group performance skills
- intermediate music literacy skills

IB Music SL
- advanced music theory and analysis
- composition of both acoustic and digital music
- exploration of medieval, baroque, classical, romantic, and contemporary music styles and genres
- practical application of music research through group and solo performances

Visual Art 9
- drawing
- basic design
- critique
- historical overview

Visual Art 10
- drawing
- painting
- Canadian art history
- sculpture

Visual Art 20
- problem solving
- generating visual ideas
- relating ideas to traditions

Visual Art 30
- portfolio development
- numerous media
- individual and group critique

IB Visual Arts SL
- three main aspects of art practice: theoretical, art-making, and curatorial practice
- IB Visual Arts students are all of these: a critic, a maker, and a curator. Using the IB model and learner profile, each student will be actively seeking answers and visual ways to communicate their ideas and concepts.

IB: International Baccalaureate SL: Standard Level HL: Higher Level

LANGUAGES

Core French 9
- *Communi-Quete 1*
- introduction to the French language and culture
- listening, speaking, reading and writing

Core French 10
- *Communit-Quete 2 and 3*
- common grammatical structures
- listening, speaking, reading and writing

Core French 20
- *Voyages 2*
- grammar structures
- read and discuss supplemental literature

Core French 30
- *Voyages 2*
- advanced grammatical structures
- read and discuss supplemental literature

Immersion French 9 & 10
- for students entering with a French immersion background
- speaking, listening and writing skills
- developing specific ideogrammatic vocabulary

IB French B SL
(Immersion French 20 and 30)
- for students entering with a French immersion background
- IB French 20 and 30 credits
- French and French-Canadian short stories, essays and novels
- film analysis and critique

IB German ab initio SL
(German 20 and 30)
- IB German 20 and 30 credits
- no previous German experience required
- introduction to German language and culture
- listening, speaking, reading, and writing
- simple themes: introductions, family, weather, time
- communication through conversation and writing
- introduction to more complex language structures
- introduction to simple German literature
- focus on current European events

MATH

Math 9A/Math 9B
- number operations with integers and rational numbers
- square roots and powers
- ratios, proportions, and percents
- equations, inequalities, and problem solving
- polynomials, factoring and linear relations
- geometrical figures, surface area, and volume
- circle geometry
- similarity and transformations
- probability and statistics

Workplace and Foundations Pathway
(slower pace)

Math Workplace and Apprenticeship 10/Math Foundations & Pre-Calculus 10
- equalities
- spatial reasoning and problem-solving
- measurement systems
- geometry and trigonometry
- financial applications
- measurement, surface area, and volume
- right angle trigonometry
- factors and multiples
- roots and powers
- relations and functions
- linear functions
- systems of linear equations

Foundations Pathway
(regular pace)

Math Foundations & Pre-Calculus 10/Math Foundations 20
- measurement, surface area, and volume
- right angle trigonometry
- factors and multiples
- roots and powers
- relations and functions
- linear functions
- systems of linear equations
- logical reasoning
- geometry and trigonometry
- statistics
- linear inequalities in two variables
- quadratic equations and functions
- rates, scale diagrams, and proportional reasoning

IB Prep Pathway
(accelerated pace)

Math Foundations 10 & 20 –IB Prep *(two semesters)*
- includes both Math Foundations 10 & 20
- all Saskatchewan-based curricular outcomes are covered with an additional focus on preparing students for the IB Mathematics Analysis and Approaches SL course

Pre-Calculus 20
- sequences and series
- trigonometry: sine and cosine law
- trigonometry: angles in standard position
- quadratics functions and equations
- operations with radicals and radical equations
- radical expressions and equations
- absolute value
- reciprocal functions
- systems of equations involving quadratics
- quadratic and linear inequalities
- arc midpoint computation

Math Foundations 30
- financial math
- inductive and deductive reasoning
- set theory and its applications
- counting principles
- odds and probability
- functions: polynomial, exponential, logarithmic, sinusoidal
- using functions to represent data: regression

Pre-Calculus 30
- trigonometry and the unit circle
- trigonometric functions
- trigonometric identities and equations
- transformations of functions
- radical functions
- polynomial functions
- rational functions
- exponents and exponential functions
- logarithms and logarithmic functions
- functions operations and compositions binomial theorem and combinatorics

Calculus 30
- limits
- derivatives
- applications of derivatives
- curve sketching
- derivatives of transcendental functions
- anti-derivatives and indefinite integration
- definite integration

IB Mathematics Analysis and Approaches SL *(three semesters)*
- all Saskatchewan-based curricular outcomes of the Pre-Calculus 20, Pre-Calculus 30, and Calculus 30 courses are covered with accelerated and enriched components in each
- IB evaluation includes a written math exploration and the IB final examination

PHYSICAL EDUCATION

Health 9
- introduction to health and decision-making
- the four areas of health
- health determinants and health promotion
- addictions: drugs, tobacco, alcohol
- nutrition, healthy eating, food ethics
- research paper writing and MLA formatting
- sexual health and healthy relationships
- mental health awareness

Physical Education 9 (Girls/Boys)
- fitness goals and assessments
- active living
- nutrition
- conflict resolution in sport and athletics
- human anatomy and physiology
- core strength
- physical literacy (i.e.: volleyball, pickleball, tchoukball, badminton, ultimate frisbee, basketball, yoga, ethnic dances, gymnastics)
- weight training principles and fitness
- social values and development
- mental well-being

Wellness 10 (Girls/Boys)
- dimensions of wellness
- fitness goals and assessment
- stress management/self awareness
- healthy choices and cancer
- mental health awareness
- wellness action plan
- individual fitness plans
- physical literacy (i.e.: volleyball, tchoukball, badminton, ultimate frisbee, basketball, hip hop dance, yoga, sepak takraw, flag football)
- nutrition
- personal and social values and skill development

Physical Education 20 (Co-ed)
- coaching and mentoring
- the psychology of sport
- nutrition and performance
- first aid and CPR
- active living (i.e.: five pin bowling, self-defense, boxing, curling, ultimate frisbee, golfing, racquetball, badminton, volleyball, basketball, soccer, disc golf, tennis, lawn bowling, yoga, wally ball, YMCA visits, group games, rock climbing, spin)
- mental well-being
- social behaviour, skills, and development

Physical Education 30 (Co-ed)
- business and ethics of sport
- nutrition of sport
- biomechanics in sports
- active living (i.e.: five pin bowling, self-defense, boxing, curling, ultimate frisbee, scuba, golfing, racquetball, badminton, volleyball, basketball, soccer, disc golf, tennis, lawn bowling, yoga, wally ball, YMCA visits, group games, rock climbing, spin)
- Indigenous games
- mental well-being
- social behaviour, skills and development

SCIENCES

Science 9
- life science: reproduction and human development
- physical science: atoms and elements
- physical science: characteristics of electricity
- earth and space science: exploring our universe

Science 10
- investigate career paths related to various branches and sub-branches of science
- climate and ecosystem dynamics
- chemical reactions
- force and motion in our world

Health Science 20
- examines the health science field from holistic and analytical perspectives to provide a basis for making sound personal health choices
- philosophies that guide health care and consider ethical decision with those contexts
- basic anatomy and physiology of the human body and various body systems
- the role of metabolism and nutrition
- diagnostic tools and procedures and how they are used to perform treatments
- investigation of health science careers and post-secondary programs available in Saskatchewan

Biology 30
- genetic continuity
- evolutionary theory
- life processes regulation and homeostasis
- organisms and their environment
- independent study

IB Biology HL *(four semesters)*
- concepts of unity and diversity, form and function, interaction and interdependence, and continuity and change
- each concept includes study of biology at the levels of molecules, cells, organisms, and ecosystems
- the course culminates in students applying their experimental skills to design, carry out, and evaluate their own experiments

Physical Science 20
- combines chemistry and physics
- heating and cooling
- foundations of chemistry
- mole and quantitative analysis of molecules and chemical reactions

IB: International Baccalaureate SL: Standard Level HL: Higher Level

SCIENCES

Physical Science 20 *(continued)*
- characteristics and properties of waves
- study of enterprise and public and private science as it occurs in agriculture, industry, and universities to help better understand various physical science related career paths
- student inquiry will guide independent investigations of physical science phenomena
- properties and structure of matter
- atomic structure
- nomenclature
- chemical equations
- stoichiometry
- condensed phases of matter
- gas laws
- arrangement of electrons
- periodic table

Physics 30
- kinematics and dynamics
- mechanical energy and momentum
- nuclear physics
- relativistic principles and quantum mechanics
- fields: gravitational, electric and magnetic

Chemistry 30
- bonding, structure and properties
- classification and nomenclature of organic compounds
- equilibrium and its various forms including solutions and solubility, acids and bases, and oxidation-reduction
- above material is supplemented with lab work
- student-directed study

IB Chemistry SL *(two semesters)*
- covers the concepts of structure and reactivity: structure (models of the particulate nature of matter, models of bonding and structure, and classification of matter; and reactivity
- atomic theory and structure
- bonding, classification, nomenclature, structure, reactions, and properties of organic and inorganic substances
- periodic trends
- mole concept and quantitative analysis of molecules and reactions
- rates of reaction and equilibrium
- acids and bases
- oxidation-reduction
- specific provincial requirements (waves and
  wave behaviour, solutions and solubility)
- collaborative sciences project
- lab work

Computer Science 20
Introductory Programming
- introduction to computing and number systems
- programming concepts: variables and branching
- programming concepts: arrays and looping
- programming concepts: functions and random numbers
- HTML and CSS
- scripting and dynamic HTML

Computer Science 30
Intermediate Programming
- review of programming concepts
- drawing with canvases
- introduction to networking
- object-oriented programming
- recursion and sorting
- external files and visualization

Environmental Science 20 /IB Environmental Systems and Societies SL *(Year 1)*
- examines local and global environmental issues from a systems perspective
- effects of human actions and growing global population on human health
- mechanisms and importance of aquatic and terrestrial ecosystems
- water and aquatic food production systems and societies
- soil and terrestrial systems; food production
- atmospheric systems and climate change
- practical scheme of work including: practical activities, collaborative science project

IB Environmental Systems and Societies 30 *(Year 2)*
- foundations of environmental systems and societies
- ecosystems and ecology; nutrient cycling
- biodiversity and conservation
- sustainability of past and current practices and technologies
- natural resources, energy use, and resource management
- human populations and urban systems
- practical scheme of work including: practical activities, individual investigation

SOCIAL SCIENCES

History 9
- historical thinking and skill development
- research and writing skills
- Indigenous history
- ancient civilizations
- medieval Europe

History 10
Early modern Europe
- renaissance
- revolutions
- Industrial Revolution
- nation states
- ideologies
- imperialism

History 20
20th-Century World History
- the First World War
- the Russian Revolution
- authoritarian states
- the Second World War
- the Cold War
- decolonization, civil rights, or China

History 30
History of Canada
- Indigenous peoples
- European contact and colonialism
- Canadian confederation
- national policy, treaties, and western expansion
- autonomy, nationalism, and influence
- French-Canadian nationalism
- immigration and multiculturalism

IB History HL *(four semesters)*
- causes, practices and effects of war
- authoritarian states
- the move to global war
- the Cold War
- selected regional topics, including the U.S. Civil War, emergence of the Americas in global affairs, the Second World War and the Americas, and the Cold War and the Americas, civil rights and social issues

Indigenous Studies 30
- ways of knowing
- land
- governance
- sustaining life
- social development

What is the IB Diploma Programme?

The International Baccalaureate (IB) Diploma Programme is a globally recognized and acclaimed program of preparation for citizenship and post-secondary studies. Luther students who take six IB courses (one from each subject group) and complete the core components of the program (CAS, Theory of Knowledge, Extended Essay) graduate with the IB Diploma in addition to the Saskatchewan secondary diploma. Luther students can also take individual IB courses of their choice.

All major Canadian universities recognize IB students with advanced standing, transfer credits, and/or other privileges. Courses recognized and minimum grades vary among universities.



	IB Course	Level	Saskatchewan Credits Awarded
GROUP 1 *Language and Literature*	English A Literature	Higher	IB English Language Arts 20 IB World Literature 20L IB English Language Arts 30A IB English Language Arts 30B
GROUP 2 *Language Acquisition*	French B	Standard	IB French 20 IB French 30
	German ab initio	Standard	IB German 20 IB German 30
GROUP 3 *Individuals and Societies*	History	Higher	IB History 20 IB History 30
GROUP 4 *Experimental Sciences*	Biology	Higher	IB Health Science 20 IB Biology 30
	Chemistry	Standard	IB Physical Science 20 IB Chemistry 30
	Environmental Systems and Societies (ESS)	Standard	IB Environmental Science 20 IB ESS 30L
GROUP 5 *Mathematics*	Mathematics: Analysis and Approaches	Standard	IB Math Pre-Calculus 20 IB Math Pre-Calculus 30 IB Calculus 30
GROUP 6 *The Arts*	Visual Arts	Standard	IB Visual Art 20 IB Visual Art 30
	Film	Standard	Communications Media 20 IB Film 30L
	Theatre	Standard	IB Theatre Arts 20 IB Theatre Arts 30
	Music	Standard	IB Music 20 IB Music 30
CORE	Theory of Knowledge		Christian Ethics 20 Christian Ethics 30
	Extended Essay		
	Creativity, Activity, Service (CAS)		

IB: *International Baccalaureate* ***SL:*** *Standard Level* ***HL:*** *Higher Level*

Course Selection

GRADE 9

Compulsory	**Electives** (3 credits required)	
Christian Ethics 9	Band 9	*Grade 9 students do not have spares. Any student who would like one period to work on homework in a quiet, supervised classroom, should choose Supervised Study Hall as an elective in either or both semesters.*
English Language Arts 9A	Choir 9 *(non-credit)*	
English Language Arts 9B	Drama 9	
Health 9	Core French 9	
History 9	Immersion French 9	
Math 9A	Music 9	
Math 9B	Supervised Study Hall	
Physical Education 9 (Girls/Boys)	Visual Art 9	
Science 9		

GRADE 10

Compulsory		**Electives** (1 to 3 credits required)
Christian Ethics 10	***Math 10 Pathways*** (details on page 3)	Band 10
English Language Arts 10	- Workplace and Foundations (slower pace)	Choir 10 *(non-credit)*
English Literature & Composition 20	- Foundations (regular pace)	Communication Media10
Financial Literacy 10	- IB Prep (accelerated pace)	Drama 10
History 10		Core French 10
Science 10		Immersion French 10
Wellness 10 (Girls/Boys)		Music 10
		Visual Art 10

GRADE 11

Compulsory	**Electives** (2 to 6 credits required)	**International Baccalaureate (IB)**
Christian Ethics 20	Band 20	IB Biology 20 HL *(two semesters)*
English Language Arts 20	Choir 20 *(two semesters)*	IB Chemistry 20 SL
English Literature & Composition 30	Communication Media 20	IB English A Literature 20 HL *(two semesters)*
History 20	Drama 20	IB Environmental Systems and Societies 20 SL
Math options:	Core French 20	IB Film 20 SL
- Pre-Calculus 20	Immersion French 20	IB French B 20 SL
- Math Foundations 30	Physical Education 20	IB German 20 ab initio SL
Science options:	Visual Art 20	IB History 20 HL *(two semesters)*
- Computer Science 20		IB Mathematics Analysis and Approaches 20 SL *(two semesters)*
- Environmental Science 20		IB Music 20 SL
- Health Science 20		IB Theatre 20 SL
- Physical Science 20		IB Theory of Knowledge 20 *(IB Diploma students only)*
		IB Visual Arts 20 SL

Course Selection

GRADE 12		
Compulsory	**Electives** (2 to 7 credits required)	**International Baccalaureate (IB)**
Christian Ethics 30	Band 30	IB Biology 30 HL *(two semesters)*
English Language Arts 30	Choir 30 *(two semesters)*	IB Chemistry 30 SL
History 30	Communication Media 30	IB English A Literature 30 HL *(two semesters)*
Math options:	Drama 30	IB Environmental Systems and Societies 30 SL
- Math Foundations 30	Core French 30	IB Film 30 SL
- Pre-Calculus 30	Immersion French 30	IB French B 30 SL
- Calculus 30	Indigenous Studies 30	IB German 30 ab initio SL
Science options:	Physical Education 30	IB History 30 HL *(two semesters)*
- Biology 30	Visual Art 30	IB Mathematics Analysis and Approaches 30 SL
- Chemistry 30		IB Music 30 SL
- Physics 30		IB Theatre 30 SL
- Computer Science 30		IB Theory of Knowledge 30 *(IB Diploma students only)*
		IB Visual Arts 30 SL

Luther College Graduation Requirements

Only Grade 10-12 courses earn credits toward graduation requirements. Grade 9 is a required prerequisite year at Luther College High School, designed to prepare students for the credit courses they will take in Grades 10-12.

Luther College High School's required courses follow the Government of Saskatchewan curriculum and ensure students meet the requirements for a Saskatchewan high school diploma. To earn a Luther College High School diploma, students must also complete two additional credits beyond the provincial graduation requirements. In total, students must earn at least 26 credits, including a minimum of five Level 30 credits.

Saskatchewan Graduation Requirements

For complete information about Saskatchewan's high school graduation requirements, visit the Government of Saskatchewan's Saskatchewan High School Credit Options page.

LUTHER COLLEGE HIGH SCHOOL

IB: International Baccalaureate SL: Standard Level HL: Higher Level