<table>
<thead>
<tr>
<th>Programs of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luther College High School adheres to the Government of Saskatchewan curricula and also offers the International Baccalaureate (IB) program.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Christian Ethics</th>
<th>English</th>
<th>Film Studies</th>
<th>Fine Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Christian Ethics 9</strong>&lt;br&gt;Jesus and Christianity&lt;br&gt;• Jesus’ roots in Judaism&lt;br&gt;• life &amp; teaching of Jesus</td>
<td><strong>English Language Arts A9 &amp; B9</strong>&lt;br&gt;• language studies with a focus on: short stories, novels, myths, poetry, non-fiction &amp; Shakespearean drama&lt;br&gt;• analytical, oral written skills</td>
<td><strong>Communication Media 10</strong>&lt;br&gt;• introduction to film history&lt;br&gt;• basic techniques of video filming, audio recording and digital editing&lt;br&gt;• introduction to film theory (genres, styles, directing)&lt;br&gt;• production skills workshops and collaborative film production</td>
<td><strong>Visual Art 9</strong>&lt;br&gt;• drawing&lt;br&gt;• basic design&lt;br&gt;• critique&lt;br&gt;• historical overview</td>
</tr>
<tr>
<td><strong>Ethics 10</strong>&lt;br&gt;The study of religion&lt;br&gt;• Hinduism&lt;br&gt;• Buddhism&lt;br&gt;• Christianity&lt;br&gt;• Islam&lt;br&gt;• Judaism&lt;br&gt;• Indigenous spirituality&lt;br&gt;• religious prejudice&lt;br&gt;• mind-control groups&lt;br&gt;• cults &amp; cult manipulation</td>
<td><strong>English Language Arts A10 &amp; B10</strong>&lt;br&gt;• the individual &amp; society&lt;br&gt;• Shakespeare’s Macbeth&lt;br&gt;• creative writing&lt;br&gt;• formal writing skills</td>
<td><strong>Communication Media 20</strong>&lt;br&gt;• continued development of camera, audio &amp; editing skills (including Adobe Premier and After Effects)&lt;br&gt;• introduction to production design and production management&lt;br&gt;• screenplay writing&lt;br&gt;• advanced production skills workshops and collaborative film production</td>
<td><strong>Visual Art 10</strong>&lt;br&gt;• drawing&lt;br&gt;• painting&lt;br&gt;• Canadian art history&lt;br&gt;• sculpture</td>
</tr>
<tr>
<td><strong>Christian Ethics 20</strong>&lt;br&gt;Christian themes&lt;br&gt;• basic life issues &amp; spirituality&lt;br&gt;• the Christian life&lt;br&gt;• Church history&lt;br&gt;• basic Christian beliefs&lt;br&gt;• morality</td>
<td><strong>Communication Media Arts A20</strong>&lt;br&gt;• literature &amp; the human experience&lt;br&gt;• poems, stories, essays</td>
<td><strong>Communication Media 30</strong>&lt;br&gt;• film set protocols&lt;br&gt;• independent study of a film director or genre&lt;br&gt;• Canadian film history, modern Canadian films, Indigenous film culture&lt;br&gt;• advanced production skills workshops and collaborative film production</td>
<td><strong>Visual Art 20</strong>&lt;br&gt;• problem solving&lt;br&gt;• generating visual ideas&lt;br&gt;• relating ideas to traditions</td>
</tr>
<tr>
<td><strong>Christian Ethics 30</strong>&lt;br&gt;The individual in society&lt;br&gt;• Christian perspectives&lt;br&gt;• social issues&lt;br&gt;• sexuality&lt;br&gt;• justice issues&lt;br&gt;• personal morality</td>
<td><strong>Communication Studies 20</strong>&lt;br&gt;• formal &amp; informal oral &amp; written communications</td>
<td><strong>IB World Literature 20 (Higher Level)</strong>&lt;br&gt;• world literature in translation (3 works)&lt;br&gt;• novels &amp; plays</td>
<td><strong>Visual Art (IB)</strong>&lt;br&gt;• drawing&lt;br&gt;• painting&lt;br&gt;• sculpture&lt;br&gt;• advanced production skills workshops and collaborative film production</td>
</tr>
<tr>
<td><strong>IB Theory of Knowledge 20/30</strong>&lt;br&gt;Theory of Knowledge&lt;br&gt;• “How do we know?”&lt;br&gt;• reflection on diverse ways of knowing &amp; areas of knowledge&lt;br&gt;• perception, reason, language &amp; emotion&lt;br&gt;• mathematics, natural sciences, human sciences, history, the arts &amp; ethics&lt;br&gt;• belief, certainty, culture, evidence, explanation, interpretation, intuition, technology, truth, values &amp; biases</td>
<td><strong>English Language Arts A30</strong>&lt;br&gt;• Canadian literature&lt;br&gt;• novels, poems &amp; plays&lt;br&gt;• independent drama productions</td>
<td><strong>IB English A30 (Higher Level)</strong>&lt;br&gt;• specialized genre study (4 major works)</td>
<td><strong>IB Film 20/30 (Standard Level)</strong>&lt;br&gt;• film history and international film studies&lt;br&gt;• textual analysis of film – study of technique, directing styles, production design and cinematography&lt;br&gt;• independent study of film history and/or theory&lt;br&gt;• production skills in cinematography, directing, sound design, editing, writing and a finished film</td>
</tr>
<tr>
<td><strong>IB English 20 (Higher Level)</strong>&lt;br&gt;• fiction, poetry, drama&lt;br&gt;• formal written essay&lt;br&gt;• oral presentations</td>
<td><strong>English Language Arts B30</strong>&lt;br&gt;• American, British &amp; world literature&lt;br&gt;• novels, poems &amp; plays&lt;br&gt;• Shakespeare’s Hamlet</td>
<td><strong>IB English B30 (Higher Level)</strong>&lt;br&gt;• text in depth (3 works)&lt;br&gt;• prose &amp; poetry&lt;br&gt;• Shakespeare’s Hamlet</td>
<td><strong>IB Film (IB)</strong>&lt;br&gt;• drawing&lt;br&gt;• painting&lt;br&gt;• sculpture&lt;br&gt;• advanced production skills workshops and collaborative film production</td>
</tr>
</tbody>
</table>

**Communication Media 20**<br>• film set protocols<br>• independent study of a film director or genre<br>• Canadian film history, modern Canadian films, Indigenous film culture<br>• advanced production skills workshops and collaborative film production

**IB Film 20/30 (Standard Level)**<br>• film history and international film studies<br>• textual analysis of film – study of technique, directing styles, production design and cinematography<br>• independent study of film history and/or theory<br>• production skills in cinematography, directing, sound design, editing, writing and a finished film
### Visual Art 30
- portfolio development
- numerous media
- individual & group critique

### IB Art 20/30 (Standard Level)
- research & studio work
- fundamentals of design
- aesthetic & technical problems
- portfolio development
- improvisation
- fundamentals of performance
- collaborative theatre making
- theatre genre study

### Drama 9
- improvisation
- fundamentals of performance
- collaborative theatre making
- theatre genre study

### Drama 10
- working with scripts
- theatre production
- collective creation
- theatre history

### Drama 20/30
- intermediate/advanced study of theatre production
- performance skills
- theatre studies

### Music 9
- listening skills
- performance
- note literacy skills
- introduction to handbells
- exploration of styles

### Band 9, 10, 20 & 30
- ensemble band experience
- instrumental technique
- music appreciation
- individual & group performance

### Languages

#### French 9,10 Immersion
- speaking, listening & writing skills
- developing specific idiogrammatic vocabulary

#### French 9
Entre Amis 3
- listening, speaking, reading & writing

#### French 10
Entre Amis 3
- development of written skills

#### French 20
Voyages 2
- grammar structures
- read & discuss supplemental literature

#### French 30
- advanced grammatical structures
- read & discuss supplemental literature

#### IB French 20/30 (Standard Level)
- French 30 credit
- French & French-Canadian short stories, essays & novels
- film analysis & critique

#### German 9
- introduction to German language & culture
- listening & speaking

#### German 10
- development of language skills
- reading & writing

#### German 20
- introduction to more complex language structures
- communication through conversation & writing

#### IB German 20/30 (Standard Level)
- German 30 credit
- continuation of language skill development
- emphasis on conversation & reading
- IB final examination

#### Latin 9
Our Latin Heritage
- introduction to Latin
- vocabulary
- grammar & syntax

#### Latin 10
- Our Latin Heritage
- vocabulary
- grammar & syntax
- reading & comprehension
- Latin-English connections

### Mathematics

#### Math 9A & 9B
- numbers and operations with integers & rational numbers
- linear relations
- ratios, proportions and percents
- solving equations and inequalities
- polynomials
- geometrical figures
- square roots
- Pythagorean theorem
- surface area
- circle geometry
- similarity & transformations
- probability & statistics

#### Mathematics Foundations/ Pre-Calculus 10
- metric & imperial measurement
- trigonometry
- factors & multiples
- irrational numbers
- exponents
- polynomial expressions
- linear relations & functions
- systems of linear equations
- combined math
**Physical Education**

**Physical Education 9**
- fitness goals and assessments
- active living
- nutrition
- conflict resolution in sport and athletics
- human anatomy and physiology
- tactics and strategies
- core strength
- physical literacy (volleyball, pickleball, tchoukball, badminton, ultimate frisbee, basketball, yoga, ethnic dances, gymnastics, etc.)
- weight training principles and fitness

**Health 9**
- decision-making processes
- understanding adolescent growth & development
- coping with personal, family, social & environmental change

**Life Transitions 9**
- welcome to Luther: traditions & expectations
- how to study
- accounting
- time management
- career guidance
Wellness 10
- wellness wheel
- fitness goals and assessment
- stress management/self awareness
- female health (cancers, reproductive disorders) - females only
- mental health awareness
- wellness action plan
- individual fitness plans
- physical literacy (volleyball, shoukball, badminton, ultimate frisbee, basketball, hip hop dance, yoga, sepak takraw, flag football, etc).
- create a game
- nutrition

Physical Education 20 (Co-Ed)
- coaching and mentoring
- the psychology of sport
- nutrition and performance
- first aid and CPR
- active living (potential activities: 5 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, etc.)

Physical Education 30 (Co-Ed)
- business of sport
- nutrition of sport
- biomechanics in sports
- active living (potential activities: 5 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, etc.)

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

Environmental Science 20
- examines local and global environmental issues from a systems perspective
- effects of human actions and growing global population on climate and environment on human health
- mechanisms and importance of aquatic and terrestrial ecosystems
- sustainability of past and current practices and technologies humans have developed to live with and within the environment

Physical Science 20
- combines chemistry and physics
- heating and cooling
- foundations of chemistry
- mole and quantitative analysis of molecules and chemical reactions
- 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 & structure of matter
- atomic structure
- nomenclature
- chemical equations
- stoichiometry
- condensed phases of matter
- gas laws
- arrangement of electrons
- periodic table

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 & homeostasis
- organisms & their environment
- independent study

IB Health Science/Biology 20/30 (Higher Level)
- credit awarded for Health Science 20 and Biology 30
- four semesters
- units of study:
  - molecular biology
  - cell biology
  - genetics
  - ecology
  - evolution and biodiversity
  - human health and physiology
  - plant biology

Chemistry 30
- molecular shape, energy changes & reaction rates
- effect of temperature & concentration
- equilibrium, acids & bases & introduction to oxidation

IB Physical Science/Chemistry 20/30 (Standard Level)
Over two semesters:
- transition elements
- lab work
- investigate cis-trans isomers
- synthesis of aspirin
- qualitative analysis
- chromatography
- “Group IV” project
- IB final examination

IB Environmental Systems and Societies (ESS) 20/30
- environmental processes and issues spanning from local to global levels
- diversity of cultural perspectives
- IB final examination
### Physics 30
- kinematics & dynamics
- mechanical energy
- electricity
- atomic physics
- nuclear physics

### 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

### IB Environmental Systems and Societies (ESS) 20/30 (Standard Level)
- foundations of environmental systems and societies
- ecosystems and ecology
- biodiversity and conservation
- water and aquatic food production systems and societies
- soil systems and terrestrial food production systems and societies
- atmospheric systems and societies
- climate change and energy production
- human systems and resource use
- practical scheme of work including:
  - practical activities
  - individual investigation (IA)

### History 30
- History of Canada
- the colonial period
- forming the nation
- national policy, railways & western expansion
- Canada & world affairs
- Canadian-American relations
- French-Canadian nationalism & the “Quebec question”

### IB History 20 (Higher Level)
- 20th-century world history
  - Over two semesters:
    - causes, practices & effects of war
    - nationalism, decolonisation & the end of empires
    - rise of single-party states
    - East-West relations since 1945
    - economic changes & social development
    - IB final examination

### IB History 30 (Higher Level)
- The Americas
  - two semesters
  - the colonial period
  - independence movements
  - 19th-century development
  - 20th-century issues
  - IB final examination

### Indigenous Studies 30
- Study of Canada’s Indigenous peoples and the present-day issues that shape the relationship between Canada’s Indigenous and non-Indigenous populations
- Topics of study will be presented and discussed in a political science framework. (May be studied in lieu of Christian Ethics 30)

### Social Sciences

#### History 9
- Roots of Society
  - prehistory
  - ancient history
  - early European history
  - influences on Saskatchewan’s roots

#### History 10
- Social organizations of early modern Europe
  - Renaissance, Reformation & revolutions
  - political & economic organizations
  - ideologies
  - international relations
  - causes of World War I

#### History 20
- 20th-Century World History
  - World War I
  - rise of Authoritarian States
  - World War II
  - The Cold War and Decolonization

#### History 30
- The Americas
  - two semesters
  - the colonial period
  - independence movements
  - 19th-century development
  - 20th-century issues
  - IB final examination