

*All Sask DLC Summer School courses are delivered asynchronously.*

## Biology 30

**Prerequisite:** Environmental Science 20 or Health Science 20

**Grad Pathway Credit:** Science 30 or Elective 30

**Course name on official transcript:** Biology 30

You will learn how to define and study life, from cells and energy transfer to the evolution, diversity and classification of organisms. This course also builds your understanding of genetics and molecular biology, including inheritance and DNA technologies, while asking you to consider their impacts on society, the environment and Indigenous and global perspectives through an independent study project.

## Calculus 30

**Prerequisite:** Pre-Calculus 30

**Grad Pathway Credit:** Math 30 or Elective 30

**Course name on official transcript:** Calculus 30

You will learn how to determine derivatives of functions and how to use those calculations to solve problems that pertain to velocity, acceleration and optimization problems. You will also study the opposite function, integrals and explore how they can be used to determine if they are under or between curves.

## Chemistry 30

**Prerequisite:** Physical Science 20

**Grad Pathway Credit:** Science 30 or Elective 30

**Course name on official transcript:** Chemistry 30

You will learn how the structure and bonding of matter explain the properties and behaviours of materials, from intermolecular forces to organic compounds and modern materials. This course also examines equilibrium, acids and bases, and redox and electrochemical systems.

## Computer Science 30

**Prerequisite:** Computer Science 20

**Grad Pathway Credit:** Science 30 or Elective 30

**Course name on official transcript:** Computer Science 30

This course will challenge students in implementing coding practices, investigate types of data structures, simplify programming problems, explore object-oriented programming and character encoding. You will apply learned concepts in a project of particular interest to you.

## English Language Arts 10 (ELA 10)

**Prerequisite:** None

**Grad Pathway Credit:** ELA 10

**Course name on official transcript:** English Language Arts 10 (4124)

**\*\*Note:** This course meets the 10-level ELA requirement for a SK Regular (new) graduation plan. Students on a Regular (old) graduation plan who require ELA A10 (4017) and ELA B10 (4018) should contact Helpdesk for more information ([helpdesk@saskDLC.ca](mailto:helpdesk@saskDLC.ca)). Credit may not be earned for both ELA A10 and ELA 10 or ELA B10 and ELA 10.

You will develop literacy skills in constructing meaning, creating original compositions across genres and recognizing how reflection, collaboration and revision support future learning. This course lays the groundwork for deeper understanding of how language can be used to express, challenge or reflect lived experiences.

## English Language Arts 20 (ELA 20)

**Prerequisite:** None

**Grad Pathway Credit:** ELA 20

**Course name on official transcript:** English Language Arts 20 (6017)

**\*\*Note:** This course meets the 20-level ELA requirement for students on the Regular (old) and SK Regular (new) graduation plans.

This course introduces the journey through life and what we learn about ourselves, others and the world around us. You will explore how turning points and transitions that occur in our life may affect the path we are on.

## English Language Arts A30 (ELA A30)

**Prerequisite:** ELA 20

**Grad Pathway Credit:** ELA 30

**Course name on official transcript:** English Language Arts A30 (8017)

**\*\*Note:** This course meets the 30-level ELA requirement for students on the SK Regular (new) graduation plan or one of the two 30-level ELA requirements for the Regular (old) graduation plan.

You will explore the influences that create Canadian culture and identity through our country's diverse landscapes and peoples.

## English Language Arts B30 (ELA B30)

**Prerequisite:** ELA 20

**Grad Pathway Credit:** ELA 30

**Course name on official transcript:** English Language Arts B30 (8018)

**\*\*Note:** This course meets the 30-level ELA requirement for students on the SK Regular (new) graduation plan or one of the two 30-level ELA requirements for the Regular (old) graduation plan.

You will explore thoughts, beliefs and assumptions as they examine the search for self and how they relate to others.

## Environmental Science 20

**Prerequisite:** Science 10

**Grad Pathway Credit:** Science 20 or Elective 20

**Course name on official transcript:** Environmental Science 20

You will examine ecosystems, biodiversity, air quality, climate change, population growth, resource management and pollution focusing on both local and global perspectives. You will investigate environmental challenges and explore strategies and technologies to address these issues.

## Financial Literacy 10

**Prerequisite:** None

**Grad Pathway Credit:** Financial Literacy 10

**Course name on official transcript:** Financial Literacy 10

You will develop the skills and knowledge to help make responsible financial decisions, so that you are prepared and feel empowered to make informed decisions. You will have the opportunity to discover how financial literacy, education, career, family and lifestyle choices are all interrelated in your lives and future planning. This course focuses on critical thinking and overall financial well-being, through topics including earning, saving, investing, spending, borrowing, sharing and protecting.

## Financial Literacy 20

**Prerequisite:** None

**Grad Pathway Credit:** PAA 20 or Elective 20

**Course name on official transcript:** Financial Literacy 20

You will move from financial literacy to developing financial capacity as you continue to develop strong habits and practical skills you will use in your future. Students will learn about interest, financial risks, investments, and how the stock market works. You will also look at financial contracts, compare buying, renting, and leasing, and learn why protecting against financial loss is important, to prepare you for financial success.

## Financial Literacy 30

**Prerequisite:** None

**Grad Pathway Credit:** PAA 30 or Elective 30

**Course name on official transcript:** Financial Literacy 30

You will learn about in-depth budgeting, bankruptcy, behavior finance and macroeconomics, financial planning and investing as well as exploring buying versus leasing, and what you need to know about home purchases and mortgages. This course will help you plan for the future and explore post-secondary and career opportunities in the financial sector.

## Food Studies 30

**Prerequisite:** None

**Grad Pathway Credit:** PAA 30 or Elective 30

**Course name on official transcript:** Food Studies 30

This course will expand your knowledge and skills in food preparation, nutrition and food systems. You will develop consumer awareness and personal skills with the goal of cooking healthy and nutritious meals.

## Foundations of Mathematics and Pre-Calculus 10

**Prerequisite:** None

**Grad Pathway Credit:** Math 10 or Elective 10

**Course name on official transcript:** Math: Foundations and Pre-Calculus 10

You will develop strong problem-solving skills and a deeper understanding of key mathematical concepts used in school, work and everyday life. You will learn about linear measurement, systems of measurement, trigonometry, multiplying and factoring polynomials, radicals and powers, relations and functions, and systems of linear equations.

## Foundations of Mathematics 20

**Prerequisite:** Foundations of Mathematics and Pre-Calculus 10

**Grad Pathway Credit:** Math 20 or Elective 20

**Course name on official transcript:** Math: Foundations 20

You will deepen your understanding of mathematical concepts and problem-solving strategies needed for academic and real-world applications. Key topics include quadratic functions, geometry, trigonometry, probability and statistics.

## Foundations of Mathematics 30

**Prerequisite:** Math Foundations of Mathematics 20

**Grad Pathway Credit:** Elective 30

**Course name on official transcript:** Math: Foundations 30

You will focus on advanced mathematical concepts that support decision-making and problem-solving. You will build on prior learning, developing logical reasoning, number sense and analytical skills through topics such as set theory, probability, statistics, financial mathematics and design and measurement.

## French (Core) 10

**Prerequisite:** None

**Grad Pathway Credit:** Elective 10

**Course name on official transcript:** French 10

You will gain a basic introduction to French vocabulary, syntax and grammatical structure through an exploration of French culture in Saskatchewan. You will have opportunities to listen, read, speak and write in French as you begin to acquire French language skills.

## Health Science 20

**Prerequisite:** Science 10

**Grad Pathway Credit:** Science 20 or Elective 20

**Course name on official transcript:** Health Science 20

You will learn about medical knowledge systems and ethics, human anatomy, physiology, nutrition, metabolism and medical diagnostics. By understanding the basic structure and function of the human body you'll explore how different body systems work normally, what happens when they don't, and the tools and techniques used to diagnose health issues.

## History 10

**Prerequisite:** None

**Grad Pathway Credit:** Social Science 10 or Elective 10

**Course name on official transcript:** History 10

You will explore the changes in European society and culture from the mid-18th century to World War 1 including the French Revolution, Industrial Revolution, nationalism, liberalism and the age of New Imperialism. You will examine how worldviews shape events and influence political and economic both in the past and present.

## History 20

**Prerequisite:** None

**Grad Pathway Credit:** Social Science 20 or Elective 20

**Course name on official transcript:** History 20

You will study key events of the late 19th and 20th centuries and explore how they have shaped the world. This includes critically analyzing the social, economic, and political impacts of World War I, the Roaring 20s, the Great Depression, World War II and the Cold War.

## History 30

**Prerequisite:** None

**Grad Pathway Credit:** Social Science 30 or Elective 30

**Course name on official transcript:** History 30

In this course you will explore the origins of the First Nations, New France, the Seven Years War, Confederation and the patriation of the constitution.

## Indigenous Studies 10 (formerly Native Studies)

**Prerequisite:** None

**Grad Pathway Credit:** Social Science 10 or Elective 10

**Course name on official transcript:** Native Studies 10

You will learn about the land and people of Turtle Island (North America) before and after European contact, with a focus on the vital role of Indigenous peoples in Saskatchewan's history. The course explores the diverse First Nations, Inuit and Métis perspectives on identity, community, governance, treaties and economies.

## Indigenous Studies 20 (formerly Native Studies)

**Prerequisite:** None

**Grad Pathway Credit:** Social Science 20 or Elective 20

**Course name on official transcript:** Native Studies 20

This course explores contemporary issues of concerns for Indigenous peoples around the world. The principle of wholeness is prominent throughout the course as the topics of self-determination, self-governance, social justice and development are explored.

## Indigenous Studies 30 (formerly Native Studies)

**Prerequisite:** None

**Grad Pathway Credit:** Social Science 30 or Elective 30

**Course name on official transcript:** Native Studies 30

You will dig into Canada's history, focusing on the story of Indigenous peoples. You will explore Canada's inconvenient truths around nation-building, social stereotypes and the prevalent myths concerning Indigenous peoples.

## Law 30

**Prerequisite:** None

**Grad Pathway Credit:** Social Science 30 or Elective 30

**Course name on official transcript:** Law 30

**\*\*Note: This course meets the Social Science 20/30 requirement for a Regular (old) graduation plan. For students on a SK Regular (new) graduation plan, it is an Elective 30.**

You will explore the Canadian legal system, from the early roots in British common law to the modern Constitution and Charter of Rights and Freedoms and examine how and why Canada's legal system developed.

## Life Transitions 30

**Prerequisite:** None

**Grad Pathway Credit:** PAA 30 or Elective 30

**Course name on official transcript:** Life Transitions 30

Through this course, you will acquire the knowledge, skills and abilities to become independent and informed adults. Students will learn about identifying, planning for and coping with change.

## Mental Wellness 30L

**Prerequisite:** None

**Grad Pathway Credit:** Elective 30

**Course name on official transcript:** Mental Wellness 30L

You will develop a deeper understanding of self, relationships, personal agency and informed decision making. Learning to make sense of the world around you, nurturing a healthy self-concept and developing a strong sense of mental wellness is important for everyone.

## Photography 20

**Prerequisite:** None

**Grad Pathway Credit:** PAA 20 or Elective 20

**Course name on official transcript:** Photography 20

You will learn about camera controls and functions, composition, focal length and camera lenses, understanding lighting, image adjustment, image manipulation and career opportunities.

## Physical Science 20

**Prerequisite:** Science 10

**Grad Pathway Credit:** Science 20 or Elective 20

**Course name on official transcript:** Physical Science 20

You'll learn how the combination of chemistry and physics relate to heating, cooling, the foundations of chemistry, chemical reactions and the characteristics of properties of waves.

## Physics 30

**Prerequisite:** Physical Science 20

**Grad Pathway Credit:** Science 30 or Elective 30

**Course name on official transcript:** Physics 30

You will learn how forces and energy shape motion in one and two dimensions, using kinematics, dynamics, work, energy and momentum to analyze real systems. You will also learn about gravitational, electric and magnetic fields.

## Pre-Calculus 20

**Prerequisite:** Foundations of Mathematics and Pre-Calculus 10

**Grad Pathway Credit:** Math 20 or Elective 20

**Course name on official transcript:** Math: Pre-Calculus 20

Topics covered include absolute value, radicals, trigonometry, rational expressions and equations, factoring, quadratic functions, quadratic equations, linear and quadratic inequalities, sequences and series, and reciprocal functions.

## Pre-Calculus 30

**Prerequisite:** Pre-Calculus 20

**Grad Pathway Credit:** Math 30 or Elective 30

**Course name on official transcript:** Math: Pre-Calculus 30

This course is intended for students continuing their study in high-level mathematics. You will learn about graphing functions such as polynomial, radical, trigonometric, logarithm, exponential and rational functions. You will also dive into some advanced trigonometry including unit circles, secondary trig ratios and identities.

## Psychology 20

**Prerequisite:** None

**Grad Pathway Credit:** Social Science 20 or Elective 20

**Course name on official transcript:** Psychology 20

**\*\*Note:** This course meets the Social Science 20/30 requirement for a Regular (old) graduation Plan. For students on a SK Regular (new) graduation plan it is an Elective 30.

You will explore key psychological perspectives that seek to explain human behaviour – including its physical, emotional, mental, and spiritual dimensions. You will also examine the scientific methods used to study people and gain insight into mental health, the factors that shape behaviour and the influences that guide human thought and action. This course will give you a deeper understanding of human behaviour and what it means to be human.

## Science 10

**Prerequisite:** None

**Grad Pathway Credit:** Science 10

**Course name on official transcript:** Science 10

You will strengthen your knowledge of atoms and elements while using those principles in chemical reactions. You will explore climate and ecosystems, biogeochemical cycles that impact our world and the biomes around us as well as examine the forces that act on objects and how they affect their motions.

## Visual Art 30

**Prerequisite:** None. Recommend completing Visual Art 20

**Grad Pathway Credit:** Fine Arts 30 or Elective 30

**Course name on official transcript:** Visual Art 30

You will build upon their diverse artistic style by using familiar and unfamiliar art-making processes and techniques inspired by Canadian artists.

## Wellness 10

**Prerequisite:** None

**Grad Pathway Credit:** Physical Education 10

**Course name on official transcript:** Wellness 10

This course is a combination of health and physical education, focusing on creating and revising a personal plan for wellness. It aims to develop confident, capable students who value and maintain a balanced, healthy lifestyle. You will learn about self-awareness, self-management, safety, physical fitness, mental wellness and healthy eating. This course requires you to take part in approximately 70 days of activity, including tracking your movement, resistance and cardio training and volunteering hours.

## Workplace and Apprenticeship Mathematics 10

**Prerequisite:** None

**Grad Pathway Credit:** Math 10 or Elective 10

**Course name on official transcript:** Math: Workplace and Apprenticeship 10

This course focuses on the application of mathematical concepts and skills to real-world contexts, enabling you to make connections between what you learn at school to what you will use in the workplace. This course may be suitable for students who plan to enter a trade, pursue post-secondary studies at a college or enter the workforce directly after high school graduation.

## Workplace and Apprenticeship Mathematics 20

**Prerequisite:** Workplace and Apprenticeship Mathematics 10

**Grad Pathway Credit:** Math 20 or Elective 20

**Course name on official transcript:** Math: Workplace and Apprenticeship 20

You will learn about trigonometry, three-dimensional objects, graphic and financial math. This course may be suitable for students who plan to enter a trade, pursue post-secondary studies at a college or enter the workforce directly after high school graduation.

## Workplace and Apprenticeship Mathematics 30

**Prerequisite:** Workplace Apprenticeship Mathematics 20

**Grad Pathway Credit:** Math 30 or Elective 30

**Course name on official transcript:** Math: Workplace and Apprenticeship 30

You will develop practical mathematical skills and problem-solving strategies for real-world applications in trades and workplace settings. Topics include measurement, geometry, trigonometry, financial mathematics, statistics, and problem-solving in trade-related contexts.