

Biomedical & Health Science

Program Guide



Biomedical & Health Science

Territory Acknowledgement

The Langley School District serves the Matsqui, Kwantlen, Katzie and Semiahmoo First Nations, The City of Langley, and the Township of Langley. The District is honoured to operate on the unceded, ancestral, and traditional territories of the Máthxwi, ḱʷa:ḱłəḱ, ḱícəy, and SEMYOME First Nations.

We at Kwantlen Polytechnic University respectfully acknowledge that we live, work and study in a region that overlaps with the unceded traditional and ancestral First Nations territories of the Musqueam, Katzie, Semiahmoo, Tsawwassen, Qayqayt, and Kwikwetlem, and with the lands of the Kwantlen First Nation, which gifted its name to this university.

Welcome

The Langley School District (SD35), in partnership with Kwantlen Polytechnic University (KPU), offers a full-time four course dual credit Biomedical and Health Science program. In this program, students take first year English, Psychology and two Biology courses.

This KPU Surrey Campus program offers SD35 students an opportunity to attend a semester of post-secondary studies while still in high school. Students earn dual credits for both high school and post-secondary courses.



Why this Program?

Why This Program?

- **Initiative** - Experience a semester of post-secondary prior to high school graduation
- **Organizational Skills** - Learn how to manage time effectively in a new post-secondary setting
- **Curiosity** - Opportunity to experience university Biology, Psychology and English courses

Develop Professional Skills

- Examine the structure and function of tissues and body systems in a variety of organisms
- Perform a range of experimental procedures in the laboratory using microscopes
- Learn about the major organ systems of the human body responsible for support, movement, circulation, respiration and digestion
- Explore, assess, and respond to arguments and issues from across disciplines and relevant to contemporary cultures
- Discover psychological processes, such as the biological basis of behaviour, sensation and perception, states of consciousness, learning, memory and intelligence

Timeline



Spring Break

Program follows KPU's calendar. No spring break holiday for program participants.

Program Prerequisites

Dual Credit programs are only offered to registered SD35 students. At the time of application students must:

- Be registered and currently attending a school in the Langley School District
- Be 18 or younger on June 30 of application year
- Have not graduated from high school before starting the program
- Have intention to graduate

Prerequisites

Have completed before the start of the program:

- Grade 11
- C+ or higher in English 12
- B or higher in Biology 11
- B or higher in Chemistry 11

Recommended:

- Biology 12
- Chemistry 12

Tuition, Program Fees and Credentials Earned

Tuition and Program Fees

- Tuition is paid by the Langley School District (value of approximately \$3000)
- Student pays approximately \$300 for textbooks and required safety gear

Credits and Credentials Earned

- Credit for 4 post-secondary courses (12 credits)
- Credit for 4 high school courses (16 credits)

Accepted students must take all four KPU courses:

- Biology 1160: Anatomy and Physiology I
- Biology 1260: Anatomy and Physiology II
- English 1100: Introduction to University Writing
- Psychology 1100: Introduction to Psychology





SD35CareerEd

Could be Applied Towards the Following Degrees

- Bachelor of Science: Health Science, Biology, Nursing, Psychiatric
- Transfer credits to other institutions

Potential Career Paths

- Psychiatric Nursing
- Nursing
- Biomedical Scientist
- Public Health Officer/Analyst

More Info and to Apply

- Contact your school's Career Advisor
- Visit sd35.bc.ca/careered for more info including FAQ



sd35.bc.ca/careered



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