

Biomedical & Health Science

Program Guide



Territory Acknowledgement

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Located approximately 45 kilometres southeast of Vancouver, BC, Langley School District provides services to the Matsqui, Kwantlen, Katzie, Semiahmoo First Nations, the City of Langley, and the Township of Langley. The District is honoured to operate on the unceded traditional territories of the Matsqui, Kwantlen, Katzie, and Semiahmoo First Nations.

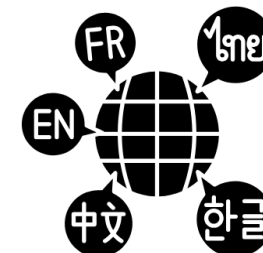


Welcome

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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. 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 both high school credits and post-secondary credits.

If you would like to receive this information in another language, please visit our website at careered.sd35.bc.ca and go to the Biomedical and Health Science page. Click on “translate” at the top right corner of your screen and select your preferred language.



Biomedical & Health Science

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
- Develop critical reading, analysis, critical thinking, and clear written expression
- 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

Application Year
Program Year



- 1 January - March:** Learn about the program and apply
- 2 May:** Interviews for short-listed students
- 3 June:** Conditional acceptance given to a limited number of students
- 4 September - January:** Take program prerequisites and/or graduation requirements
- 5 November:** Final acceptance to a limited number of students
- 6 February - June:** Start full-time program at KPU Surrey campus

Spring Break

Program continues through spring break.
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 lab fees

Credits and Credentials Earned

- Credit for 4 post-secondary courses (14 credits)
- Credit for 4 high school courses (16 credits)

Accepted students must take all four KPU courses:

- Biology 1110: Introductory Biology I
- Biology 1160: Anatomy and Physiology I
- English 1100: Introduction to University Writing
- Psychology 1100: Introduction to Psychology





SD35CareerEd

Potential Career Paths

- Psychiatric Nursing
- Medical and Health Services Manager
- Biomedical Scientist
- Public Health Officer/Analyst
- Biotechnologist

Could be Applied Towards the Following Degrees

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

More Info and to Apply

- Contact your school's Career Advisor
- Visit careered.sd35.bc.ca/opportunities/academic-dual-credit/biomedical-health-science/ for more info including FAQ



careered.sd35.bc.ca



careered@sd35.bc.ca



778-736-0710