



CITYSTUDIO

ABBOTSFORD

FALL 2019
CHALLENGES & COURSES

FALL 2019

UFV CHALLENGE

CityStudio

Biodiversity at Matsqui Regional Park

Challenge: What does the biodiversity look like at the park? Before we connect people to the park we want to know what needs to be protected, enhanced or controlled.



UFV Course

BIO310 - Conservation Biology

This course examines both theoretical and practical aspects of conservation biology. Drawing from numerous biological fields, including ecology, population genetics, and evolution, this multidisciplinary approach seeks to investigate causes and extent of human impacts on the natural world and to develop practical solutions to prevent further declines.

FALL 2019

UFV CHALLENGE

CityStudio

**Japanese Knotweed - Douglas
Taylor Park**

Challenge: Japanese Knotweed is an Invasive species that clogs roadside ditches, low-lying areas, irrigation canals, and other water drainage systems. How can we eradicate it and educate the public?



UFV Course

BIO410 - Plant Ecology

This course provides students with an understanding of factors, biotic and abiotic, responsible for vegetation distribution patterns across landscapes. In particular, lectures will address plants at the individual, population, and community levels and demonstrate how plants interact with their physical environment – soils, water, and climate.

FALL 2019

UFV CHALLENGE

CityStudio Bike Share Program Feasibility

Challenge: Is a bike share program feasible in Abbotsford? What would it look like?



UFV Course

GEOG 360 - Introduction to Regional & Community Planning and Policy

Concepts in the field of planning and current policy issues and debates are addressed. Partnering with a local agency, students work on addressing a planning challenge that introduces them to careers in development policy, local government, and registered professional planning.

CITYSTUDIO INSPIRED PILOT

CITYSTUDIO SECONDARY

Rick Hansen Secondary School  Rick Hansen Secondary
SCHOOL OF SCIENCE & BUSINESS

The City is partnering with School District 34 through Rick Hansen Secondary School (RHSS) in a CityStudio style pilot to connect youth and class projects to their community.

Providing opportunities to:

- **Students:** gain experiential learning in their field of study by tackling municipal challenges as class projects
- **City:** work with innovative student teams in addressing community challenges with a new perspective

FALL 2019

RHSS CHALLENGE

CityStudio

Diversity and Inclusion in Abbotsford

Challenge: How might we make Abbotsford the most inclusive community in Canada?



RHSS Course

Careers Life Education 10

This course introduces students to explore themselves and work-life balance. Students learn what is required for them to succeed in the workplace and are given the right tools and resources to do so. Students develop the necessary skills required to be successful at any workplace.

FALL 2019

RHSS CHALLENGE

CityStudio

Taste of Abbotsford

Challenge: How might we turn the Taste of Abbotsford Event into a leading initiative to promote sales of local products in Abbotsford?



RHSS Course

Economics 12

This course explores financial and economic literacy and how it can promote the well-being of both individuals and businesses. For this course we focus on a number of different curricular competencies including conducting research to understand and explain economic concepts, critically evaluate economic scenarios and make changes accordingly, and communicate outcomes in multiple formats in a clear and concise manner.

