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.
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
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.
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.
FALL 2019
RHSS CHALLENGE

CityStudio
Protecting & Improving the environment
Challenge: What can Abbotsford residents do to protect and improve the environment?

RHSS Course
Life Science 11
This is a survey course in living things and their interrelationships. The course considers life in all of its diverse and yet related forms. Through this course, students will gain a much greater understanding of the intricate and interconnected systems of the biosphere.