

1. Introduction

1.1. Overview of the Program(s)

Program(s) Under Review

Diploma in Brewing and Brewery Operations (BBO)

Academic Level:

Undergraduate

Credential Granted:

Diploma

Start Date:

Fall (September)

Intake Type:

Limited

Minimum Credits Required:

62

Curriculum Effective Date:

The first intake for the Brewing and Brewery Operations (BBO) program was in September 2014. The most recent revisions to the course outlines list an implementation date of September 2017. For a list of courses please see **Appendix A**.

Admission Requirements

- In addition to KPU's General university admission requirements, including the undergraduate-level English Proficiency Requirements, the following program admission requirements apply:
 - English 12 (or equivalent) with a minimum grade of C+
 - Chemistry 11 with a minimum grade of C+ (or equivalent), and Level E1 as defined in the Math Alternatives Table
 - Pre-calculus 11 or Foundations of Mathematics 11 (or equivalent) with a minimum grade of C+

Portfolio Review including:

- Letters of reference or additional documents to enhance the application.

Cover Letter including:

- o Reasons for interest in the program
- o Career goals and how this program will factor in reaching these goals
- o Experience with brewing and the brewery or related industries
- o Why applicant is an ideal candidate for this program

Resume containing:

- o Work experience (particularly in the brewing, hospitality, or other related industries).
- o Post-secondary and/or Continuing Education
- Students are required to be a minimum of 19 years of age by the first day of classes.
- Recommendation by the Admissions Selection Committee.

Retrieved June 21, 2022, from <https://calendar.kpu.ca/programs-az/science-horticulture/brewing/brewing-brewery-operations-diploma/#requirements>

1.2. Program Department

The Brewing and Brewery Operations program is taught on the Langley campus by two full time faculty members, four part time contract faculty members, three full time staff laboratory instructors, supported by administration assistance and an events and communication coordinator. The Brewing and Brewery Operations Department is part of the Faculty of Science and Horticulture (FSH).

1.3. Program Purpose

The Diploma in Brewing and Brewery Operations is a two-year diploma where students study the science, production and business of brewing beer. The program combines building a solid foundation in brewing science with hands-on practical learning in the brewery and laboratory classrooms located on the Langley campus. The overall goal of the program is to provide education and training to permit a graduate to enter the brewing industry with the knowledge and skills to immediately become a valued member of the company's workforce.

1.4. Issues for Program Review

The program review will be used to ascertain:

1. If the learning outcomes for the Brewing and Brewery Operations program are still relevant to the industry
2. If the training provided by KPU meets the needs of the students and the employers
3. Where improvements could be made that would improve the program delivery and course learning outcomes (CLOs)
4. If the enrolment for the program is sustainable
5. If the program needs to diversify its course offerings with other fermented beverages such as distilling, cider, ready to drink or non-alcoholic products.

The program review will use the feedback provided by the students, alumni, discipline/sector representatives and faculty surveys to determine where improvements or adjustments need to be made. It is to be noted that due to the small response rate of some of the surveys the data collected may not be representative of all the students, the alumni, and the brewing industry. It is hypothesized by the department that the low response rate on some of the surveys might be introducing a nonresponse bias. Further explanations are given in section 3.1 of this report.