Brewing Program Prerequisite Fulfillment

To be eligible for acceptance to the UC San Diego Extension Professional Certificate in Brewing, and to enroll in any of the required courses for the Certificate, students must have adequate preparation in mathematics, and at least two areas of science and/or engineering. If you have not fulfilled these prerequisites, please see the following list for options (press CTRL and click to open), or feel free to research local or online options as well.

Mathematics: pre-calculus, i.e. the most advanced mathematics course before a calculus course may be taken
- Mathematics Classes (San Diego Mesa College)
- Mathematics Classes (San Diego Miramar College)
- Mathematics Course Catalog (Palomar College)
- Mathematics Course Catalog (Cuyamaca College)
- Mathematics Course Catalog (Southwestern College)

And relevant preparation in at least two of these areas:

Biological sciences: microbiology, cell physiology or biochemistry
- Cell and Molecular Biology (UC San Diego Extension)
- Introduction to Molecular Biology (UC San Diego Extension)
- Biology Classes (San Diego Mesa College)
- Biology Classes (San Diego Miramar College)
- Biological Sciences Course Catalog (Palomar College)
- Biological Sciences Course Catalog (Cuyamaca College)
- Biology Course Catalog (Southwestern College)

Chemistry: organic, inorganic or analytical
- Introduction to Biochemistry (UC San Diego Extension)
- Analytical Chemistry (UC San Diego Extension)
- Chemistry Classes (San Diego Mesa College)
- Chemistry Classes (San Diego Miramar College)
- Chemistry Course Catalog (Palomar College)
- Chemistry Course Catalog (Cuyamaca College)

Physics: heat and mechanics or process control
- Physics Classes (San Diego Mesa College)
- Physics Course Catalog (Palomar College)
- Physics Course Catalog (Cuyamaca College)

Engineering: topics in mechanical or chemical engineering
- Introduction to Chemical Engineering (UC San Diego Extension)
- Elements of Mechanical Engineering (UC San Diego Extension)
- Engineering Classes (San Diego Mesa College)
- Engineering Course Catalog (Palomar College)
- Engineering Course Catalog (Cuyamaca College)

Updated 02/08/16