

Bioprocessing Summer Undergraduate Internship Training and Education

BSUITE

The BSUITE program provides an opportunity for participants to obtain valuable experience through team projects based on bioprocessing for the production of monoclonal antibodies, enzymes, vaccines, and cell and gene therapy. Participants will learn about technical and regulatory considerations for biopharmaceutical production, including biotechnology and cell line engineering, cell growth, product purification, viral controls, and quality systems. Students will be introduced to career options within biomanufacturing that are enabled through KGI's Master of Engineering in Biopharmaceutical Processing (MEng) program, including process development, production support, facility engineering, quality oversight, and regulatory positions.

2023 Dates

Session #1 (online).....**June 20-30 from 8 a.m.-2p.m.**

- Session #2 (in-person).....**July 10-28 from 8 a.m.-4 p.m.**
- Final completion ceremony.....**July 28**

Learning Opportunities: In-Person and Virtual

- Learn important process steps for manufacture of biological products
- Identify advanced analytical methods to measure process parameters
- Understand regulatory concepts and requirements for biopharmaceutical processing
- Refine presentations and report writing skills

Learning Opportunities: In-Person Only

- Grow mammalian or microbial cells
- Examine operations of downstream purification steps
- Practice steps to prepare and sterilize bioreactors
- Develop proficiency in data analysis
- Trouble shoot problems encountered during experiments



Who Should Apply

Undergraduate juniors, seniors, or graduates interested in starting the MEng, MBS, or MS programs in the future; focus on those majoring in biology, chemistry, engineering, or related disciplines.

Cost: \$20 application fee

How to Apply

Apply online at kgi.edu/summer

Application Deadline:

March 1 priority; March 30 final

Application Requirements

An online application form is required that contains questions about your personal and educational background. Additional requirements can be submitted along with your online application:

- Personal statement
- Resume
- Letter of recommendation (optional)
- Transcripts

Application Review

We will review applications on a rolling basis. We take a holistic look at each applicant, and place great importance on letters of recommendation and your personal statement. We will strive to notify you about the status of your application as soon as possible.

Contact Us

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Email: admissions@kgi.edu | **Website:** kgi.edu