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.

2021 Dates

• Session #1 (online): June 14-24
• Session #2 (online): July 12-22
• Final completion ceremony: July 23

Learning Opportunities

• Simulate growth of mammalian and microbial cells
• Model operation of downstream purification steps
• Understand regulatory concepts and requirements for biopharmaceutical processing
• Discover steps to prepare and sterilize bioreactors
• Identify advanced analytical instruments to measure process parameters
• Develop proficiency in data analysis
• Trouble shoot problems encountered during experiments
• Refine presentations and report writing skills
**Who Should Apply**

Undergraduate juniors or graduates interested in starting the MEng program 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 31 priority, May 31 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
- 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**

535 Watson Drive
Claremont, CA 91711

**Phone:** 909.607.8590  |  **Fax:** 909.607.8086  
**Email:** admissions@kgi.edu  |  **Website:** kgi.edu