

Strengthen your expertise in human genomics!

Introduction to Applied Genomics: Translating Concept to Clinic

COURSE DATES: JUNE 21–AUGUST 2, 2022

DEADLINE TO APPLY: JUNE 1, 2022

CLASS MEETS WEEKLY ONLINE VIA ZOOM, FROM 6:30–8:00 P.M. PT

As human genomics research rapidly moves from promise to practice, the importance of foundational knowledge in human genomics and its applications for healthcare and drug discovery is becoming more vital for professionals in a wide variety of settings.

The Keck Graduate Institute (KGI) Certificate in Applied Genomics will provide professionals in the life and health sciences with an understanding and appreciation for the science behind the headlines and the tools to dive into the data analysis challenges and ethical considerations in this rapidly changing field.

Following the introductory course, students may continue exploring human genomics with “Human Variation and Disease,” a three-credit course scheduled to begin in early fall.

KGI has a reputation of preparing students for industry with hands-on, active learning. As a student in this course, you will be a part of a dynamic learning community within The Claremont Colleges.

APPLY NOW



FAQ

What is the schedule for this course?

This course will be held over seven weeks, from June 21–August 2. Synchronous class time will be held via Zoom from 6:30 to 8:00 p.m. on Tuesday evenings.

Is the course entirely online?

Yes, the course will be entirely online and will include both synchronous meetings and asynchronous work. The course will be delivered using the Canvas course platform and Zoom.

How much time can I expect to spend on coursework between class sessions?

There will be a minimum of approximately 1.5 hours of asynchronous work required between class sessions.

How much does this course cost?

This course is \$990 for 1.5 credit units.

What do I need to do to apply for the course?

Visit the [apply page](#). The link will take you to an application form. Applicants are required to answer a few questions and submit a short statement of interest. There is no application fee. We will also ask applicants to submit a CV or resume to know them better when designing the breakout groups, content, and activities.

Are there pre-requisites for this course?

A bachelor's degree (BS or BA) in science, and at least two years of industry experience.

Does the course carry credit?

Yes, this course carries 1.5 credits.

If I take the pilot course and want to continue to the full certificate, will I be able to do that?

Yes! If you would like to continue with the full certificate, your work in this course will count as the pre-requisite to continue to the other courses to complete the certificate.

What will the other courses in the certificate be?

- Applied Genomics – Translating Concept to Clinic (1.5 credits)
- Human Variation and Disease (3 credits)
- Clinical Genetics: Actionability and Genome Editing (3 credits)
- DNA & RNA Sequencing (3 credits)
- Epigenomics (3 credits)
- Applied Genomics Capstone (1.5 credits)

How do I get more information about this course and the Certificate in Applied Genomics?

You can email admissions@kgi.edu for additional information or visit kgi.edu/cag.