

Experience authentic, hands-on research in microbiology and molecular biology



BIO 298 Undergraduate Research in Biology

»Start your career in biotechnology or research laboratory today!

»Earn certificates to qualify as a lab or manufacturing technician!

3 units (1 hr lecture + 6 hrs lab)

Pre-req: BIOL 101 or 112, or equivalent

Recommended Prep: ENGL 100 or ESL 151

UC & CSU transferable

Articulates with UCLA's LS23L

Learn common techniques used in labs:

- »Transposon mutagenesis
- »Cloning
- »DNA isolation & manipulation
- »Gel electrophoresis
- »Bacterial transformation
- »Media preparation
- »Good manufacturing practices
- »Follow standard operation procedures
- »Media preparation
- »Aseptic techniques
- »Analysis of scientific article
- »Collaboration, team building
- »Communication skills
- »Critical thinking and problem solving
- »Good documentation practices

Careers in Biotechnology:

- »Laboratory support workers
- »Research assistants
- »Laboratory assistants
- »Research associates
- »Manufacturing assistants
- »Scientists
- »Laboratory technicians
- »Quality assurance specialists
- »Manufacturing technicians
- »Quality control technicians

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