

# Join Bioscience 30 - Genomics Theory - Spring 2026



Grow with  
Merritt College  
Bioscience  
Career Education  
Training!

## Course Overview - Why get this job training?

Step into the world of modern biology with Bioscience 30 - **Genomics Theory**, a hands-on exploration of how scientists decode, analyze, and apply genetic information to solve real-world problems.

This course provides a foundation in **genetics, molecular biology, and bioinformatics** — the essential skills behind today's breakthroughs in **forensics, pharmacology, cancer research, disease detection, pandemic response, and conservation biology**.

Through **lectures, laboratory experiments, data analysis projects, and field visits**, students gain the core experience needed to participate in the rapidly growing field of genomics.

## Career Pathways & Entry-Level Jobs

This course builds core skills valued across biotechnology, research, and healthcare industries. Students completing Genomics 30 are prepared for internships and entry-level roles such as:

- **Laboratory Assistant / Research Assistant** – supporting data collection and analysis in academic or biotech labs
- **Genomics Data Technician** – assisting with DNA/RNA sequencing and computational analysis
- **Biotech Manufacturing Technician** – supporting genetic testing or pharmaceutical production
- **Clinical Research Assistant** – contributing to studies on genetic and molecular diseases
- **Forensic or Environmental Lab Technician** – applying genomics to public health or environmental work

**Median Entry-Level Pay:** \$22–\$30/hour

**Job Outlook:** Biotechnology and life sciences jobs are projected to grow **7–10%** in the next decade.

## Bioscience 30 Course Details

**ASYNCHRONOUS ONLINE LECTURE + IN-PERSON LAB ON SUNDAY**

**Asynchronous Lecture**

#22475 (asynchronous online lecture)

**Choose ONE In-Person Lab Time:**

#22476 (Sunday, 10:00 AM - 12:50 PM)

#22654 (Sunday, 1:30 PM - 4:20 PM)

**Labs are at the Merritt Science Annex in Alameda.**

The in-person lab is offered on the weekend, making it convenient for working professionals who want to gain more skills or transition careers all together.

**For more info, contact lab instructors:**

**Morning lab:** [ksidzinska@peralta.edu](mailto:ksidzinska@peralta.edu)

**Afternoon lab:** [sgamboa@peralta.edu](mailto:sgamboa@peralta.edu)



