

Mathematics and Physical Sciences

Department of Mathematics and Physical Sciences

Faculty

Dr. Mohamed Benbourenane | Dr. Kaddour Boukaabar | Dr. Swarndeep Gill | Dr. Gregg Gould | Dr. Maggie Habeeb | Dr. Olaniyi Iyiola | Dr. Leandro Junes | Dr. Chad Kauffman | Dr. Min Li | Dr. Mario Majcen | Dr. Bismark Oduro | Dr. Matthew J. Price | Dr. Ali Sezer | Dr. Melissa Sovak | Dr. Thomas Weisgarber | Dr. Kimberly Woznack

For faculty bios, visit: <https://www.calu.edu/inside/faculty-staff/profiles/index.aspx>

Programs

Cal U's Department of Mathematics and Physical Sciences includes undergraduate programs in chemistry, earth sciences, mathematics, physics, statistics and data science.

Bachelor's Degree Programs

Degrees offered through this department include:

- B.S. in Chemistry
- B.S. in Earth Science: Climate Science
- B.S. in Earth Science: Environmental Geosciences
- B.S. in Earth Science: Meteorology
- B.A. in Mathematics
- B.A. in Physics
- B.S. in Statistics and Data Science

Note: Cal U also offers B.S.Ed. degrees for secondary education in Chemistry, Earth and Space Science, Math and Physics.

Certificates

The department offers a sub-baccalaureate certificate program in:

- Data Science

Minors

Minors available through this department include:

- Chemistry
- Environmental Geosciences
- Mathematics
- Meteorology
- Physics
- Statistics

Facilities

The chemistry and physics programs are located in New Science Hall.

Students studying earth science have access to facilities for research, coursework and service-learning projects in crime mapping, meteorology and watershed analysis. Housed in Eberly Hall, these facilities include:

- Broadcast Meteorology Studio
- Earth Materials Laboratory
- Geosciences Laboratory
- Operational Meteorology Laboratory
- Peter J. Daley Geotechnology Institute
- Watershed Analysis Laboratory

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Honors

The national earth science honor society, Sigma Gamma Epsilon, has a chapter (Zeta Alpha) on campus. Students recognized for their academic and professional achievements are elected to it.

Accreditation

Cal U's B.S. in Chemistry degree is accredited by the American Chemical Society (ACS).