

COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS

The College of Science, Technology, Engineering, & Mathematics (CSTEM) prepares students for challenging careers in the STEM fields and provides opportunities for students to advance in graduate studies or professional schools. The ability to think critically and capacity to solve problems are key student outcomes. An invested and caring faculty and staff ensure that students are successful through quality teaching, scholarly activity, and student support and advising. The CSTEM provides advanced learning opportunities for students via faculty mentored research projects and internships that promote the discovery of new information and the application of new knowledge. The CSTEM supports the community, region, and related professions through outreach including initiatives that enhance economic development, scientific and professional literacy, and K-12 education.

Academic Departments & Programs

- Biology Department (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/>)
 - Biology 3+2 Program, Bachelor of Science/Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-3-2-plan-bs-ms/>)
 - Biology, Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-ms/>)
 - Biology, Minor (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/general-biology-minor/>)
 - Biology: Basic Biology Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-basic-biology-concentration/>)
 - Biology: Biology/Chemistry Double Major Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-biology-chemistry-double-major-concentration/>)
 - Biology: Biomedical Sciences Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-biomedical-sciences-concentration/>)
 - Biology: Cellular & Molecular Biosciences Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-cellular-molecular-biosciences-concentration/>)
 - Biology: Environmental Biosciences Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-environmental-biosciences-concentration/>)
 - Biology: Secondary Certification Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-biology-secondary-certification-concentration/>)
 - Wildlife & Natural Resources: Aquatic Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/wildlife-natural-resources-bs-aquatic-concentration/>)
 - Wildlife & Natural Resources: Terrestrial Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/wildlife-natural-resources-bs-terrestrial-concentration/>)
- Chemistry Department (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/>)
 - Biochemistry 3+2 Plan, Joint Bachelor of Science/Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/biochemistry-3-2-plan-bs-ms/>)
 - Biochemistry, Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/biochemistry-ms/>)
 - Cannabis Biology & Chemistry 3+2 Plan, Joint Bachelor of Science/Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/cannabis-biology-and-chemistry-3-2-plan-bs-ms/>)
 - Cannabis Biology & Chemistry, Certificate (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/cannabis-biology-and-chemistry-certificate/>)
 - Cannabis Biology & Chemistry, Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/cannabis-biology-and-chemistry-ms/>)
 - Cannabis Biology & Chemistry, Post-Baccalaureate Certificate (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/cannabis-biology-and-chemistry-post-baccalaureate-certificate/>)
 - Cannabis Biology & Chemistry: Analytical Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/cannabis-biology-and-chemistry-bs-analytical-concentration/>)
 - Cannabis Biology & Chemistry: Hemp Agriculture Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/cannabis-biology-and-chemistry-bs-hemp-agriculture-concentration/>)
 - Cannabis Biology & Chemistry: Natural Products Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/cannabis-biology-and-chemistry-bs-natural-products-concentration/>)
 - Chemistry 3+2 Plan, Joint Bachelor of Science/Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-3-2-plan-bs-ms/>)
 - Chemistry, Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-ms/>)
 - Chemistry, Minor (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-minor/>)
 - Chemistry: ACS Certified Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-ac-certified-concentration/>)

- Chemistry: Basic Chemistry Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-basic-chemistry-concentration/>)
- Chemistry: Biochemistry Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-biochemistry-concentration/>)
- Chemistry: Double Major Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-double-major-concentration/>)
- Chemistry: Environmental Chemistry Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-environmental-chemistry-concentration/>)
- Chemistry: Secondary Teaching Certification Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-secondary-teaching-certification-concentration/>)
- Engineering Department (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/>)
 - Engineering 3+2 Program, Bachelor of Science/Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/engineering-3-2-plan-bs-ms/>)
 - Engineering Management, Master of Engineering Management (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/engineering-management-mem/>)
 - Engineering, Bachelor of Science in Engineering: Mechatronics Specialization (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/bse-mechatronics-specialization/>)
 - Engineering, Minor (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/engineering-minor/>)
 - Graduate Certificate in Railroad Engineering, Post-Baccalaureate Certificate (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/railroad-engineering-graduate-certificate/>)
 - Industrial & Systems Engineering, Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/industrial-systems-engineering-ms/>)
 - Industrial Engineering, Bachelor of Science in Industrial Engineering (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/bs-industrial-engineering/>)
 - Industrial Engineering, Minor (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/industrial-engineering-minor/>)
 - Lean Green Belt, Certificate (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/lean-green-belt-certificate/>)
 - Mechatronics Engineering, Master of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/mechatronics-engineering-ms/>)
- Pre-Engineering Program (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/pre-engineering-program/>)
- Six Sigma Green Belt, Certificate (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/six-sigma-green-belt-certificate/>)
- Sustainability, Certificate (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/sustainability-certificate/>)
- Sustainability, Minor (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/sustainability-minor/>)
- Engineering Technology & Construction Management Department (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering-technology-and-construction-management/>)
 - Civil Engineering Technology, Bachelor of Science in Civil Engineering Technology (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering-technology-and-construction-management/civil-engineering-technology-bscet/>)
 - Construction Management, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering-technology-and-construction-management/construction-management-bs/>)
- Mathematics & Physics Department (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/>)
 - Computational Mathematics, Minor (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/computational-mathematics-minor/>)
 - Data Analytics, Certificate (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/data-analytics-certificate/>)
 - Math/Physics Double Major, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/math-physics-double-major/>)
 - Mathematics, Bachelor of Arts (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/mathematics-ba/>)
 - Mathematics, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/mathematics-bs/>)
 - Mathematics, Minor (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/mathematics-minor/>)
 - Mathematics: Secondary Certification Concentration, Bachelor of Arts (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/mathematics-ba-secondary-certification-concentration/>)
 - Mathematics: Secondary Certification Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/mathematics-bs-secondary-certification-concentration/>)

- Physics, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/physics-bs-physics/>)
- Physics, Minor (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/physics-minor/>)
- Physics: Physical Science Secondary Certification Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/physics-bs-physical-science-secondary-certification-concentration/>)
- Physics: Physics Secondary Certification Concentration, Bachelor of Science (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/physics-bs-physics-secondary-certification-concentration/>)