

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 Plan, Joint 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, Bachelor of Science: Basic Biology Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-basic-biology-emphasis/>)
 - Biology, Bachelor of Science: Biology Secondary Certification Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-biology-secondary-certification-emphasis/>)
 - Biology, Bachelor of Science: Biology/Chemistry Double Major Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-biology-chemistry-double-major-emphasis/>)
 - Biology, Bachelor of Science: Biomedical Sciences Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-biomedical-sciences-emphasis/>)
 - Biology, Bachelor of Science: Cellular & Molecular Biosciences Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-cellular-molecular-biosciences-emphasis/>)
 - Biology, Bachelor of Science: Environmental Biosciences Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/biology-bs-environmental-biosciences-emphasis/>)
 - 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/>)
 - Wildlife & Natural Resources, Bachelor of Science: Aquatic Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/wildlife-natural-resources-bs-aquatic-emphasis/>)
 - Wildlife & Natural Resources, Bachelor of Science: Terrestrial Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/biology/wildlife-natural-resources-bs-terrestrial-emphasis/>)
- 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, Bachelor of Science: Analytical Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/cannabis-biology-and-chemistry-bs-analytical-emphasis/>)
 - Cannabis Biology & Chemistry, Bachelor of Science: Natural Products Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/cannabis-biology-and-chemistry-bs-natural-products-emphasis/>)
 - 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, Bachelor of Science: ACS Certified Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-ac-certified-emphasis/>)
 - Chemistry, Bachelor of Science: Basic Chemistry Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-basic-chemistry-emphasis/>)
 - Chemistry, Bachelor of Science: Biochemistry Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-biochemistry-emphasis/>)
 - Chemistry, Bachelor of Science: Double Major Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-double-major-emphasis/>)
 - Chemistry, Bachelor of Science: Environmental Chemistry Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-environmental-chemistry-emphasis/>)
 - Chemistry, Bachelor of Science: Secondary Teaching Certification Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/chemistry/chemistry-bs-secondary-teaching-certification-emphasis/>)
 - 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/>)
- Engineering Department (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/>)

- Engineering 3+2 Plan, Joint 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, 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/>)
- 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/>)
- Railroad Engineering, Graduate Certificate (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering/railroad-engineering-graduate-certificate/>)
- 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 3+2 Program, Joint Bachelor of Science in Construction Management/Master of Business Administration ([https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering-technology-and-construction-management-3-2-program-joint-bscm-mba/](https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/engineering-technology-and-construction-management/construction-management-3-2-program-joint-bscm-mba/))
 - 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/>)
 - 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 Art (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/mathematics-ba/>)
 - Mathematics, Bachelor of Art: Secondary Certification Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/mathematics-ba-secondary-certification-emphasis/>)
 - 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/>)
 - Physics, Bachelor of Science: Physical Science Secondary Certification Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/physics-bs-physical-science-secondary-certification-emphasis/>)
 - Physics, Bachelor of Science: Physics Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/physics-bs-physics-emphasis/>)
 - Physics, Bachelor of Science: Physics Secondary Certification Emphasis (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/physics-bs-physics-secondary-certification-emphasis/>)
 - Physics, Minor (<https://catalog.csupueblo.edu/college-of-science-technology-engineering-and-mathematics/mathematics-physics/physics-minor/>)