

COLLEGE OF NATURAL SCIENCES



Office in Statistics Building, Room 117
(970) 491-1300
natsci.colostate.edu (<http://www.natsci.colostate.edu>)

Professor Janice Nerger, Dean
Professor James Sites, Senior Associate Dean for Research
Professor Simon Tavener, Associate Dean for Academics
Dr. Lisa Dysleski, Assistant Dean of Undergraduate Programs

Undergraduate Majors

Applied Computing Technology
Biochemistry
Biological Science
Chemistry
Computer Science
Mathematics
Natural Sciences
Neuroscience
Physics
Psychology
Statistics
Zoology

Undergraduate Minors

Applied Statistics
Biochemistry
Botany
Chemistry
Computer Science
Mathematics
Mathematical Biology
Physics
Statistics
Zoology

For a complete list of departmental program offerings (including certificates), see individual department catalog pages.

College-Wide Graduate Programs

Master Programs

- Master of Natural Sciences Education, Plan C

- Master of Science in Materials Science and Engineering, Plan A
- Master of Science in Materials Science and Engineering, Plan B
- Professional Science Master's in Natural Science – Zoo, Aquarium and Animal Shelter Management Specialization

Ph.D.

- Ph.D. in Materials Science and Engineering

College Programs

Our goal is to provide an extraordinary education to students in order to prepare them for science careers in industry, modern research and academia. In addition, the College of Natural Sciences provides foundational courses in the biological, mathematical, behavioral, and physical sciences for CSU's seven other colleges, supporting CSU's broad liberal arts and general education objectives.

Undergraduate Majors

The college's eight departments offer twelve undergraduate majors, all leading to a Bachelor of Science degree which requires a minimum of 120 credits including 42 or more credits in upper-division courses. The undergraduate major in Neuroscience is offered jointly with the College of Veterinary Medicine and Biomedical Sciences.

A major should be chosen based with both educational and career objectives in mind. Students earning degrees in College of Natural Sciences majors will be well prepared to succeed in careers in biochemistry, biology, chemistry, computer science, mathematics, physics, and statistics, including middle/high school science and math instruction. Students who plan to enter a human- or animal-health profession must formally declare an academic major. There is no specific premedical, pre-veterinary, etc. major at CSU because health profession programs do not require a specific major, only specific courses. Majors such as Biological Sciences, Biochemistry, Chemistry, Psychology and Zoology are popular for students interested in a career in the health professions.

All College of Natural Sciences students have the ability to work with an academic advisor to plan the coursework necessary to graduate from CSU. The College of Natural Sciences also provides students with the opportunity to seek specialized career counseling through a satellite office of the CSU Career Center housed in the Statistics building. Our services are offered to all Natural Science students and alumni in all aspects of their career development. Additionally, pre-health professions advisors are located at the Collaborative for Student Achievement (<http://www.casa.colostate.edu>), in The Institute for Learning and Teaching (TILT) building, Room 121.

The college provides multiple opportunities for students to become engaged outside the classroom, including the Student Ambassadors program, Student Leaders in Science, the College of Natural Sciences Learning Community (a residential learning community), and undergraduate research opportunities.

Education Abroad

Education abroad programs are available to all students in the College of Natural Sciences. Because the knowledge of another culture is valuable in understanding one's own, students are strongly encouraged to participate in at least one educational experience outside of the United States as part of their overall program at CSU. Students interested in education abroad should plan, well in advance, by discussing opportunities with their academic advisor and by visiting the Education

Abroad Office through the Office of International Programs (<http://educationabroad.colostate.edu>). The Education Abroad office offers information about credit and non-credit opportunities (service-learning/volunteer, research, internships), as well as support prior to and during travel, information about scholarships and financial aid, and resources for diverse populations (including adult learners & veterans, multicultural students and students with disabilities).

Graduate Programs

Faculty and graduate students in the College of Natural Sciences are engaged in cutting-edge research in multiple disciplines and the college is proud of the graduate student education it provides. Master of Science and Doctor of Philosophy degrees are offered by all departments and a Master of Natural Sciences Education is offered through the college. The college also offers a Professional Science Master's in Natural Sciences with a specialization in Zoo, Aquarium and Animal Shelters. For detailed information about graduate degree programs consult the appropriate department and see the Graduate and Professional Bulletin.