COLLEGE OF NATURAL SCIENCES

Office in Statistics Building, Room 117
(970) 491-1300
natsci.colostate.edu

Professor Simon Tavener, Executive Associate Dean for Academics
Professor Melissa Reynolds, Associate Dean for Research
Dr. Lisa Dysleski, Associate Dean of Undergraduate Programs

Undergraduate Majors

- Biochemistry (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/biochemistry-molecular-biology/biochemistry-major/)
- Biological Science (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/biology/biological-science-major/)
- Chemistry (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/chemistry/chemistry-major/)
- Computer Science (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-major/)
- Data Science (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/data-science-major/)
- Mathematics (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/mathematics/mathematics-major/)
- Natural Sciences (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/natural-sciences-major/)
- Neuroscience (http://catalog.colostate.edu/general-catalog/colleges/veterinary-medicine-biomedical-sciences/biomedical-sciences/neuroscience-major/#concentrations)
- Physics (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/physics/physics-major/)
- Psychology (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/psychology/psychology-major/)
- Statistics (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/statistics/statistics-major/)
- Zoology (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/biology/zoology-major/)

Undergraduate Minors

- Applied Data Science (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/applied-data-science-minor/)
- Biochemistry (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/biochemistry-molecular-biology/biochemistry-minor/)
- Bioinformatics (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/bioinformatics-minor/)
- Botany (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/botany-botany-minor/)
- Chemistry (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/chemistry/chemistry-minor/)
- Computer Science (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/computer-science-minor/)
- Data Science (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/data-science-minor/)
- Machine Learning (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/computer-science/machine-learning-minor/)
- Mathematics (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/mathematics/mathematics-minor/)
- Mathematical Biology (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/mathematics/mathematical-biology-minor/)
- Physics (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/physics/physics-minor/)
- Statistics (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/statistics/statistics-minor/)
- Zoology (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/biology/zoology-minor/)

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

College-Wide Graduate Programs

Master’s Programs

- Master of Natural Sciences Education, Plan C (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/natural-sciences-education-plan-c/)
- Professional Science Master’s in Natural Sciences, Biological Data Analytics Specialization (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/psm-natural-sciences-biological-data-analytics-specialization/)
- Professional Science Master’s in Natural Sciences, Microscope Imaging Technology Specialization (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/psm-natural-sciences-microscope-imaging-technology-specialization/)
- Professional Science Master’s in Natural Sciences, Zoo, Aquarium, and Animal Shelter Management Specialization (http://catalog.colostate.edu/general-catalog/colleges/natural-sciences/psm-zoo-aquarium-animal-shelter-management.specialization/)

Interdisciplinary Graduate Programs

- Master of Science in Materials Science and Engineering, Plan A and Plan B (http://catalog.colostate.edu/general-catalog/university-
wide-programs/interdisciplinary-studies/school-advanced-materials-
discovery/materials-science-engineering-ms/
• Ph.D. in Materials Science and Engineering (http://
catalog.colostate.edu/general-catalog/university-wide-programs/
interdisciplinary-studies/school-advanced-materials-discovery/
materials-science-engineering-phd/)

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 from a
career education manager in the CSU Career Center. Our services are
offered to all Natural Sciences students and alumni in all aspects of
their career development. Additionally, pre-health professions advisors
are available at the Collaborative for Student Achievement (http://
studentachievement.colostate.edu/), located in Canvas Stadium, East
Building, 1415 Meridian Ave.

The college provides multiple opportunities for students to become
engaged outside the classroom, including science-based student
organizations, the Amplify 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 specific
resources for adult learners & veterans, students with disabilities,
and students from diverse economic, educational, ethnic and social
backgrounds.

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 Professional Science Master's in Natural
Sciences degrees with specializations in Biological Data Analytics,
Microscope Imaging Technology, and Zoo, Aquarium and Animal Shelter
Management. For detailed information about graduate degree programs,
please consult the appropriate department and see the Graduate and
Professional Bulletin (http://catalog.colostate.edu/general-catalog/
graduate-bulletin/).