

Bailey Stender

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Conservation Profile

I am an undergraduate student eager to apply the coursework knowledge I have gained through my university to experiences working in the field with natural resource organizations. I have an interest and experience in conservation and ecology and am passionate about devoting my time and energy to protecting ecosystems in a hands-on manner. I have a strong work ethic and prefer a dynamic, energetic, and creative work environment. I am skilled in problem-solving, collaborating with others, and working with ecological data on Excel, ArcGIS, Field Maps, and Survey123. I have a strong attention to detail and can organize and manage complex tasks.

EDUCATION

Colorado State University, Fort Collins, CO

(Expected Graduation: *Dec 2025*)

Major: Bachelor of Science, Ecosystem Science and Sustainability

GPA: 3.7

Minors: Conservation Biology, Watershed Science

RELATED COURSEWORK

- Practicing Sustainability (ESS 440): Capstone integration of ecosystem science and sustainability, focused on case studies
- Introduction to Geospatial Science (NR 319): Fundamental concepts of geospatial data, including structure, coordinate systems, sources, and principles of map design. Applications and methods for spatial analysis using vector and raster data, and remote sensing techniques.
- Biological Diversity (NR 300): Applied principles and techniques of conservation biology used to understand and resolve issues.
- Ecology (LIFE 320): Interrelationships among organisms and their environments using conceptual models and quantitative approaches.
- Limnology (ESS 474): Biology, chemistry, and physics of lakes including limnological methods.
- Land Use Hydrology (WR 416): Fundamental Concepts in hydrology and effects of land use on hydrologic processes

PROFESSIONAL EXPERIENCE

CSU Campus Recreation: **Climbing Wall Assistant**

(*Aug 2024-present*)

- I work to create an inclusive environment for patrons of all skill levels, instruct on climbing skills and important safety measures, enforce safe practices, set routes, and supervise and operate the facility
- I am trained in first aid and CPR in case of patron accidents

CNHP Siegle Conservation Internship: **Intern**

(*May 2024-Aug 2024*)

- Earned WFA certification
- Identified a diversity of plants, small mammals, and birds, use of dichotomous key
- Conducted ecological assessments and vegetation surveys, monitored wetlands
- Set up and collected data using transects and quadrats, collected vegetation samples
- Utilized Survey123, Field Maps, and GPS units
- Completed field forms and compiled and organized field data
- Hiked, surveyed, and camped through rough terrain and adverse weather conditions

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