

# Samantha Nauman

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## ECOSYSTEM SCIENCE | SUSTAINABILITY | WATERSHED SCIENCE

I am an emerging leader majoring in Ecosystem Science, Sustainability, and Watershed Science in the field of water quality analysis and ecosystem management. I am most skilled in data analysis, population management, and sustainability evaluations, and my core qualities of sensibility and efficiency contribute to my ability to characterize the water quality of various watersheds and maintain its current sensors. I seek to contribute my expertise to organizations that monitor water quality and manage ecosystems.

## SKILLS

- Mark and Recapturing
- Data Analysis (Excel, RStudio)
- Population Analysis and Management
- Streamflow Accounting

## EDUCATION

**Bachelor of Science in Ecosystem Science and Sustainability**

**August 2022 - Expected May 2026**

**Minor: Watershed Science**

**GPA: 3.93**

Colorado State University (CSU), Fort Collins, Colorado

## ACADEMIC EXPERIENCE

**Limnology - ESS474**

**Fall 2024**

- Collected and developed data from Horsetooth Reservoir, using R-programming to compile the data and analyze the water quality and ecosystem within the reservoir

**Honors Ecology - BZ496**

**Fall 2023**

- Wrote and presented a research proposal on eruptive mountain pine beetles as ecosystem indicators for climate-mediated fires in the Rocky Mountains of Colorado.

## HONORS & AWARDS

- **Member of the University Honors Program**, Colorado State University **August 2022 - Present**
- **Warner College Dean's List**, Colorado State University **Fall 2022 - Fall 2024**

## EXPERIENCE

**School of Global Environmental Sustainability, CSU - Front Desk Coordinator**

**January 2024 - Present**

- Ensures smooth daily operations, prioritizing cleanliness and prompt communication.
- Orchestrated setups for SoGES events, ensuring seamless logistics and client satisfaction.

**Aurora Water Department, Aurora, CO - Water Conservation Intern | Horticulture Assistant** **May 2024 - August 2024**

- Worked on landscape maintenance in a water-conservative way, practiced installing and repairing irrigation systems, and compiled data within the water-wise garden from past and present studies performed.
- Educated garden visitors on water-wise principles and Aurora's water conservation programs and assisted in facilitating volunteer work projects.

**Jamba, San Diego, CA - Team Member**

**May 2023 - August 2023**

- Worked in a small, fast-paced environment, efficiently making various items to satisfy customers.
- Maintained positive relations with customers and met their needs.

## VOLUNTEER EXPERIENCE

**Animal Friends Alliance, Fort Collins, CO - Dog Care & Walking**

**September 2022 - May 2023**

- Learned to understand the body language of animals with non-verbal communication skills.