

Heat Mapping Internship

Fall 2024

Sustainable Carolina seeks an intern to continue our work in heat mapping UNC's campus. This is a paid (\$2500 stipend with half paid at start of the semester and half paid half-way through the semester), semester long position, with an opportunity to continue into spring semester, based on performance and the student's interest.

Sustainable Carolina is housed within the [UNC Institute for the Environment](#) and is the hub for campus sustainability. The University's [Climate Action Plan](#), [Water Plan](#) and [Annual Sustainability Report](#) are three major pillars of our communications strategy. It's our priority to connect with students, faculty and staff to share the content within these documents.

We also aim to support University operations through sustainability research. Through the mapping of temperature in high-traffic areas, UNC Facilities can design new campus structures in such a way that protects campus users from extreme heat.

Responsibilities

- Create a route schedule for measuring temperatures in high-priority areas at different times of day.
- Carry a temperature sensor around the routes and log measurements. This requires traversing routes at a walking pace, therefore the student cannot acquire accurate measurements by driving, biking, or any other faster-paced form of transportation.
- Store data in an organized fashion.

Qualifications

- Ability to self-motivate and keep a self-made schedule.
- Organizational skills required to manage the large amount of data.