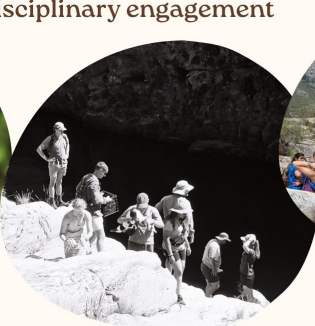


Explore, Discover, Conserve: Biodiversity & Ecology Honours at Stellenbosch University

From collaborative fieldwork to
cutting-edge research!

What Is This Course About?

1. Research-focussed training through independent projects and collaborative fieldwork
2. Interdisciplinary learning across subdisciplines such as ecology, evolution and conservation, helping you gain both practical and theoretical knowledge
3. Skill-building for academia and market-oriented careers through acquiring essential knowledge in communication, ethics and scientific methods
4. Hands-on experience in lab work, literature reviews, seminars and interdisciplinary engagement



Example Projects

- Blue carbon ecosystems
- eDNA and molecular biodiversity monitoring
- Marine ecology
- Pollination biology
- Aquatic and terrestrial botany
- Water quality and freshwater assessments
- Medicinal plant research
- Global change and climate resilience
- Population genetics and phylogenetics

Where Can It Take You?

- Postgraduate research (MSc/PhD)
- Conservation NGOs and field research roles
- Biodiversity monitoring and environmental consulting
- Science communication and policy development
- Governmental or academic institutions
- Marine and terrestrial ecology positions

What Will You Learn?

- Field work techniques
- Statistical analyses and R programming
- Scientific writing and presenting
- Data visualisation and interpretation
- Science communication
- Molecular ecology
- Conservation planning and spatial ecology
- Evolutionary ecology
- Biodiversity and systematics
- Global change biology



Past Field Trip Highlights

The Pollinator's Guide to Barrydale & Baviaanskloof

From stunning landscapes to field work, our fieldtrip had it all – breathtaking views, good vibes and fun field experiments!

We investigated the pollination ecology of *Tritoniopsis revoluta* and *Pelargonium* populations.

Our hard work was rewarded by stargazing, swimming in mountain pools and amazing hiking trails.

The Secret Lives of Flowers & Pollinators

For *Tritoniopsis revoluta* flowers, we investigated the relationship between pollen deposition and flower tube-length.

In *Pelargonium* flowers, we used the amount of pollen removed to investigate pollination efficiency.

Pollinators ranged from *Amegilla* bees to captivating long-tongued flies!

It was a perfect blend of science, nature and the pursuit of adventure!

**Want In?
Join Us!**



Applications end:
31 October 2026



Speak to our Course Coordinator
Dr Nasreen Peer/npeer@sun.ac.za



Follow us @botzoo_su for student
stories & research highlights

**SCAN
ME**

