



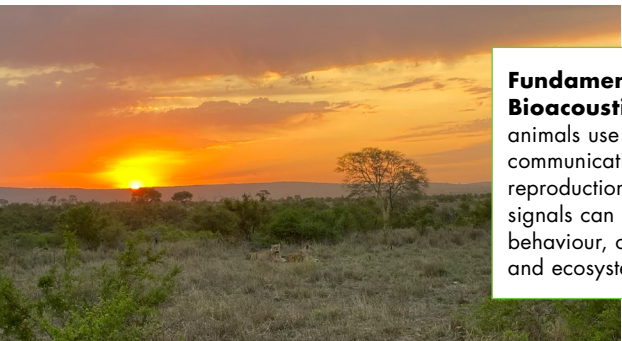
**Organization for
Tropical Studies**

APPLIED BIOACOUSTICS IN CONSERVATION AND PRACTICE

In collaboration with the Organization for Tropical Studies
and the African Bioacoustics Community

This hands-on course provides an exploration of bioacoustics within terrestrial ecosystems, equipping participants with the essential skills and knowledge to apply acoustic methodologies in ecological research and conservation activities. The course is tailored to graduate students, researchers, and conservation practitioners. It covers both theoretical foundations and practical techniques necessary for field recording, sound-based biodiversity monitoring and ecosystem assessment in biodiverse terrestrial systems. Special emphasis is placed on practical, real-world applications in Africa's rich ecosystems.

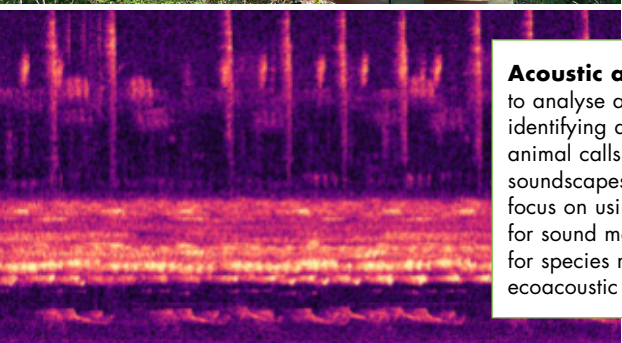
KEY TOPICS



Fundamentals of Bioacoustics: Explore how animals use sound for communication, navigation, and reproduction, and how these signals can be leveraged to assess behaviour, community composition, and ecosystem health.



Recording Techniques and Research Design: Gain hands-on experience with acoustic recording equipment and techniques, from focusing on individual species to capturing broad soundscapes.



Acoustic analysis: Learn to analyse acoustic data, from identifying and measuring animal calls to assessing entire soundscapes. Practical sessions will focus on using tools such as Raven for sound measurements, BirdNET for species recognition, and R for ecoacoustic analysis.

WHERE:

The course will be run from the Skukuza Research Station (home of the Skukuza Science Leadership Initiative). The station is located within the iconic Kruger National Park in South Africa, one of Africa's premier conservation areas.

WHEN:

23 March 2025 – 05 April 2025

COST:

\$2 200 excluding travel expenses. Scholarship support is available for African participants.

\$2 000 OTS member price

\$1 600 African student price

APPLICATIONS AND MORE INFORMATION

Application
Deadline:
**15 February
2025**

<https://tropicalstudies.org/course/applied-bioacoustics/>

Space is limited to 18 participants.
Apply early to secure your place.