



FEDERAL UNIVERSITY OF SANTA CATARINA
GRADUATE COURSE IN ECOLOGY

SYLLABUS



SEMESTER 02 / 2022

1. GENERAL INFORMATION

CODE	COURSE NAME	WORKLOAD - WEEK		WORKLOAD - SEMESTER
ECO3800000	Ecology lectures	2		30
	Number of students	Minimum: 4	Maximum: 20	N of credits: 2

2. SCHEDULE

September 5 – December 12
Monday, 4-6 pm

3. LECTURERS

Profa. Dra. Andrea Freire
Profa. Dra. Michele de Sá Dechoum
Prof. Dr. Renato Freitas

4. GRADUATE COURSE

Ecology

5. COURSE OUTLINE

Students' presentations and discussions in English based on scientific articles in the field of ecology.
Students' presentation and discussion in English of special topics in the fields of ecology and environmental sciences, focusing on scientific media.
Lectures by guest professors, followed by discussion – all in English.

6. COURSE OBJECTIVES

To train MSc and PhD students to communicate in English.
To meet the requirements of CAPES for the internationalization of the PPGECCO.

7. DESCRIPTION OF METHODS

The course will be based on activities such as lectures, group exercises, and discussion of scientific papers and scientific media papers.

8. ASSESSMENT

Group exercises, participation in class, tasks in class and on Moodle, final task (post for social media)

9. COURSE PROGRAM

September 5 - Class 1: Course overview, presentation of the participants

September 12 - Class 2: Discussion of a scientific paper

September 19 - Class 3: Lecture: guest professor (Dr João Luiz Dornelles Bastos)

September 26 - Class 4: Discussion of a scientific paper or topic

October 03 - Class 5: Discussion of a scientific paper or topic

October 10 - Class 6: Lecture: guest professor

October 17 – Class 7: Discussion of a scientific paper or topic

October 24 - Class 8: Discussion of a scientific paper or topic

October 31 - Class 9: Lecture: guest professor (Dr Mauricio Cantor)

November 07 – Class 10: Science communication – the COMPASS Box

November 14 – Class 11: Reading task

November 21 – Class 12: Discussion about the first draft of the final task

November 28 – Class 13: Science Communication – design for social media

December 05 – Class 14: Presentation and discussion – first complete version of the final task

December 12 – Class 15: Final presentation of the final task, closing remarks, course evaluation

10. REFERENCES

Ricklefs, R. & Relyea, R. 2014. Ecology: The Economy of Nature. 7th edition. Freeman

National Geographic - <https://www.nationalgeographic.com/>

Nature - <https://www.nature.com/>

Science News - <https://www.sciencemag.org/news>

Scientific American - <https://www.scientificamerican.com/>

The Guardian – Scientific Writing: <http://www.theguardian.com/science/series/secrets-science-writing>