



FEDERAL UNIVERSITY OF SANTA CATARINA
GRADUATE COURSE IN ECOLOGY

SYLLABUS



SEMESTER 02 / 2021

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

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' presentation and discussion of seminars 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 PPGECO.

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. Asynchronous classes and activities will be combined with synchronous online activities which will take place every Monday (4-6pm) from October 18 to December 14, 2021.

8. ASSESSMENT

Group exercises, participation in class, tasks on Moodle, writing of a scientific media text.

9. COURSE PROGRAM

October 18 - Class 1: Synchronous (2h) - Course overview, presentation of the participants + Asynchronous reading task (2h)

October 25 - Class 2: Synchronous (2h) – Discussion of a scientific paper

November 1 - Class 3: Asynchronous (2h) + Asynchronous reading task (2h)

November 8 - Class 4: Synchronous (2h) – Lecture: guest professor (to be defined)

November 15 - Class 5: Asynchronous (2h)

November 22 - Class 6: Synchronous (2h) – Discussion about Scientific Media + Asynchronous task: final task (2h)

November 29 – Class 7: Synchronous (2h) – Discussion about the first draft of the final task + Asynchronous task (2h)

December 7 - Class 8: Synchronous (2h) – Discussion about Scientific Media + Asynchronous task: final task (4h)

December 14 - Class 9: Synchronous (2h) - Presentation and discussion 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>