



FEDERAL UNIVERSITY OF SANTA CATARINA
GRADUATE COURSE IN ECOLOGY

SYLLABUS



SEMESTER 02 / 2019

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

Mondays, 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 of 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 internalization of the PPGECO.

7. DESCRIPTION OF METHODS

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

8. ASSESSMENT

Lectures, group exercises, writing of a scientific media text, participation in class.

9. COURSE PROGRAM

August 5 - Class 1: Course overview, preparation for the course activities

August 12 - Class 2: Lecture 1 – Scientific paper

August 19 - Class 3: Lecture 2 – Scientific paper

August 26 - Class 4: Lecture 3 – Scientific paper

September 2 - Class 5: Lecture 4 – Scientific paper

September 9 - Class 6: Lecture by a guest professor

September 16 - Class 7: Lecture by a guest professor

September 23 - Class 8: Lecture 5 - Scientific paper

September 30 - Class 9: Lecture 6 - Scientific paper

October 21 - Class 10: Lecture 7 - Scientific Media

November 4 - Class 11: Lecture 8 – Scientific Media

November 11 - Class 12: Lecture 9 – Scientific Media

November 18 - Class 13: Lecture 10 – Scientific Media

November 25 - Class 14: Lecture 11 - Scientific Media

December 2 - Class 15: 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>