

DISCIPLINAS EM LÍNGUAS ESTRANGEIRAS COURSES IN FOREIGN LANGUAGES



2020.1
SPRING SEMESTER



HUMAN AND APPLIED
SOCIAL SCIENCES

CIÊNCIAS HUMANAS
E SOCIAIS APLICADAS

ECOLOGICAL ECONOMICS

Graduate Program in Economics — Prof. Roldan Muradian

This course aims to familiarize the students with the contemporary discussion and debates about key subjects in the field of ecological economics. The course has the structure of a seminar, requiring active participation of the students in terms of writing essays and discussion during the sessions. It will cover a wide range of issues, including the history and scope of ecological economics, social metabolism, political ecology, the debate about economic growth, the controversy around ecosystem services and the role of economic incentives in the governance of the commons.



HEALTH SCIENCES

CIÊNCIAS DA SAÚDE

SEMINAR IN CARDIOMETABOLISM AND CHRONIC KIDNEY DISEASE

Graduate Program in Cardiovascular Sciences

Prof. Denise Mafra

Discussion of papers on current issues involved in the pathophysiology of major complications affecting chronic kidney disease patients.

CARDIOPULMONARY PHYSIOLOGY AND ULTRASOUND

Graduate Program in Cardiovascular Sciences

Prof. Nazareth Rocha

Objectives: to offer the students a better understand of the cardiopulmonary physiology and its correlation to ultrasound findings. Contents: Normal cardiac structure and function; Systolic function and ultrasound; Diastolic function and ultrasound; Ultrasound hemodynamic evaluation; Lung and diaphragm ultrasound; Ultrasound.

SEMINARS OF BIOMEDICAL SCIENCES RESEARCH

Graduate Program in Cardiovascular Sciences

Prof. Christianne Bretas

Reading, presentation and discussion of scientific articles in the field, covering multidisciplinary research and focusing on cardiovascular diseases investigation (causes and mechanisms, prevention, diagnosis and treatment). Discussion of scientific data.

SPECIALIZED TOPICS IN PATHOLOGY

Graduate Program in Pathology – Prof. Karin Cunha

This course aims at deepening knowledge in specific aspects of human or experimental diseases. The topic in focus next year will be "Neoplasias".

ORAL PATHOLOGY CASES

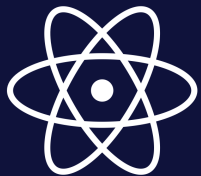
Graduate Program in Pathology – Prof. Karin Cunha

This course aims to consolidate and deepen topics in Oral Pathology, through the participation, discussion and presentation of cases in weekly sessions. This course is only offered in English.

COMPUTATIONAL TRANSPORT PHENOMENA

Graduate Program in Industrial Assembly – Prof. Roger Moreira

Fluid mechanics and heat transfer. Numerical methods. Finite volume method. CFD (Computational Fluid Dynamics) softwares.



EARTH SCIENCES

CIÊNCIAS DA TERRA



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