



Exchange programme Vrije Universiteit Amsterdam

Vrije Universiteit Amsterdam - Exchange programme Vrije Universiteit Amsterdam - 2024-2025

Exchange

Vrije Universiteit Amsterdam offers many English-taught courses in a variety of subjects, ranging from arts & culture and social sciences, neurosciences and computer science, to economics and business administration.

The International Office is responsible for course approval and course registration for exchange students. For details about course registration, requirements, credits, semesters and so on, please [visit the exchange programmes webpages](#).

Biogeosciences

Course Code	AB_1094
Credits	6
Period	P2
Course Level	300
Language Of Tuition	English
Faculty	Faculty of Science
Course Coordinator	dr. N.J. de Winter
Examiner	dr. N.J. de Winter
Teaching Staff	dr. N.J. de Winter, dr. M. Sanchez Roman
Teaching method(s)	Seminar

Course Objective

- Gaining a broad understanding of the interaction between biosphere and geosphere.
- Obtaining experience with oral presentations and written reports.
- Learning to give and receive feedback and think critically about broad biogeosciences topics, including those presented by experts in the field.
- Learning to find and criticize sources of scientific information.
- Students are encouraged to follow their interests and choose their own topic within the scope of the course.

Course Content

- Lectures on biogeochemical cycles, evolution, ocean acidification, climate change and sustainability from an interdisciplinary viewpoint.
- “Flipped classroom” exercises and discussion sessions based on recorded lectures from experienced scientists in the biogeoscience field.
- Student presentations and peer feedback sessions.
- Student reports (literature review) on a biogeoscience topic of their own choice.

Additional Information Teaching Methods

- All sessions are interactive, and participation in a minimum of 70% of the sessions is mandatory for passing the course.
- Discussion sessions are a vital course element and active participation in these sessions is vital to achieving the learning goals.

Method of Assessment

Grades are based on:

- mid-term exam
- student reports
- student presentations
- student feedback on peers
- mandatory participation.

Entry Requirements

Basic knowledge of geology and biology is required. The course is structured with consideration for diverse student backgrounds.

Literature

- Information on presentation slides
- literature provided by the teachers

- literature chosen by students for presentation and report.

Additional Information Target Audience

- BSc Earth Sciences (VU)
- BSc Earth, Economy and Sustainability (VU)
- BSc Future Planet Studies (UvA)
- Amsterdam University College

Additional Information

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Discussion sessions are a vital course element and active participation in these sessions is vital to achieving the learning goals.

Custom Course Registration

Enrollment via VUnet

Explanation Canvas

Canvas is the main mode of communication outside contact hours.

Recommended background knowledge

Basic knowledge of geology and biology is required. The course is structured with consideration for diverse student backgrounds.