

The Hebrew University of Jerusalem

Syllabus

Marine reptiles ferns and rhinos selected issues of the paleontology in the southern levant - 70943

Last update 30-10-2024

HU Credits: 2

Degree/Cycle: 2nd degree (Master)

Responsible Department: Geology

Academic year: 2026

Semester: 2nd Semester

Teaching Languages: Hebrew

Campus: E. Safra

Course/Module Coordinator: Prof. Rivka Rabinovich

Coordinator Email: rivkar@mail.huji.ac.il

Coordinator Office Hours: appointment

Teaching Staff:

Prof. Rivka Rabinovich

Course/Module description:

Biological events in the paleontological record of the southern Levant

Course/Module aims:

- 1. Impart knowledge on past faunal record*
- 2. Impart knowledge on the local paleontology record*
- 3. Emphasis the connection between the world-wide processes and the local ones*
- 4. Reading articles in detail*

Learning outcomes - On successful completion of this module, students should be able to:

Gaining basic knowledge on the local paleontological record, while studying the world-wide phenomena. Reading in depth scientific publications

Attendance requirements(%):

95

Teaching arrangement and method of instruction: frontal, lab

Course/Module Content:

- 1. The Precambrian fauna*
- 2. Cambrian - selected localities*
- 3. Triassic faunal world*
- 4. Jurassic faunal world*
- 5. Reptiles, dinosaurs and flying animals in the Cretaceous*
- 6. Africa in the Oligocene*
- 7. Early-Middle Miocene*
- 8. Late Miocene*
- 9. Pliocene*

Required Reading:

Selected chapters from Cenozoic mammals of Africa

Additional Reading Material:
Weakly obligatory reading

Grading Scheme:

Additional information:
Weakly obligatory reading