

Ecology and Nature Conservation

Semester: 2025-B

Evolutionary Ecology

A Mandatory Program Courses:

Students are required to attend at least 80% of the Departmental Seminars and Workshops in each semester, throughout their studies.

In the third and fourth semesters, students must register for 'Thesis Writing':

Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-1000		Thesis Writing - Continuation	0						Mandatory for students on study extension
001-2-6666	Prof. Itamar Giladi	Departmental Seminar	0	Tue	12:00-13:00	Sde Boker	George Evans Auditorium		Mandatory each semester. 4 times during the degree
001-2-9991		Thesis Writing - A	6						Mandatory for students on their 3rd semester
001-2-9992		Thesis Writing -B	6						Mandatory for students on their 4rd semester
205-2-2523	Prof. Itamar Giladi&Prof. Yaron Ziv	Workshop in Ecology and Environmental Sciences	0.5	Mon	12:00-14:00	Beer-Sheva	38	10	mandatory
470-2-0100	prof. Roi Gazit and Dr. Shira Ovadia	The Care and Use of Animals in Research	0			Online program			2024-1/2 פתוח**
900-5-2002	Online Program	Training in Chemical & Biological Safety	0			Online program			2024-1 לא פתוח*
900-5-5001	Online Program	Educational Software on Getting to Know the Law for the Prevention of Sexual Harassment	0			Online program			2024-1 לא פתוח*

D Limited Choice – Program Courses: Students are required to complete 1 course from list C and a total of 4 courses from lists C and D.

Evolutionary Ecology

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3020	Prof. Merav Seifan	The Ecology of Plant Animal Interaction	3	Mon	09:00-12:00	Beer Sheva			
001-2-3086	Prof. Hadas Hawlena	Microbial Ecology from the Ecologist Point of View	3	Tue	09:00-12:00	Sde Boker	Biology	32	
001-2-3094	Prof. Uri Roll	Macroecology	2	Wed	09:00-11:00	Sde Boker	Biology	136	
205-2-7031	Prof. Amos Bouskila	Mathematical Models for The Study of Animal Behavior	3	Sun	14:00-18:00	Beer-Sheva			

E Elective Courses within the Program.

Courses from the Interuniversity Institute for Marine Sciences at Eilat (IUI):

You may participate in one course per semester and in no more than two courses during the 2-year program. Students might register to more elective courses in the IUI, with the recommendation of the advisor and the approval of the teaching committee.

For more information please refer to: <http://www.iui-eilat.ac.il/Courses/Courses.aspx>

Courses are in Hebrew except international courses.

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3047	Prof. Merav Seifan	Global Changes and the biodiversity crisis	2	Tue	13:00-15:00	Sde Boker	Biology	136	
001-2-3078	Prof. Noami Tel-Zur	Personal Projects in Evolutionary Ecology	2						
001-2-3091	Prof. Merav Seifan	Contemporary Topics in Israeli Nature Conservation –Workshop	3	six-day intensive		Sde Boker			Six days field workshop. First meeting 18.03 at 13:00, second meeting 25.03 at 13:00(both mandatory, to be exempt please contact Prof. Seifan in advance).The rest of the meetings will be coordinated between the students and the lecturer of the course.
001-2-3099	Dr. Shirli Bar-David	Molecular Ecology and Evolution	2	Tue	15:00-17:00	Sde Boker	Biology	136	
001-2-3101	Prof. Michal Segoli	Insect ecology	3	Wed	14:00-18:00	Sde Boker	School	2	
001-2-3102	Prof. Michal Segoli	Topics in Behavioral Ecology	2	Wed	11:00-13:00	Sde Boker	Biology	136	

Evolutionary Ecology

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3344	Dr. Shirli Bar-David	Guided Reading on Molecular Ecology	2			Sde Boker			Guided reading course-limited to two students
001-2-3355	Prof. Hadas Hawlena	Guided Reading in Microbial Ecology	2			Sde Boker			Guided reading course-limited to two students
205-2-7031	Prof. Amos Bouskila	Mathematical Models for The Study of Animal Behavior	3	Sun	14:00-18:00	Beer-Sheva			

F Elective Courses outside the Program

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-0153 G1	Dr. Chris Arnush, Dr. Scott Hansen	Writing a Scientific Paper - Goup 1	2	Tue	13:00-15:00	Sde Boker	School	1	Students are required to complete the course in their second semester of studies
001-2-0153 G2	Dr. Chris Arnush, Dr. Scott Hansen	Writing a Scientific Paper - Group2	2	Mon	09:00-11:00	Sde Boker	School	1	Students are required to complete the course in their second semester of studies
001-2-6002	Dr. Aviva Peeters	Theory and Applications of Geographic Information Systems (GIS)	3	Thu	09:00-12:00	Sde Boker	School	Computer Room	

G Prerequisites: Students are required to have earned a B.Sc. In Life Sciences or an equivalent degree.

Students without sufficient background will be required to complete individually-prescribed courses for no academic credit, typically yet not exclusively, including the following courses or their equivalents

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3037	Prof. Ariel Novoplansky	Tutorial in Evolution (can be completed during the program)	2			Sde Boker			Completion Course for AKIS Ecology Department Students, 0 Credits For schedule, please contact the lecturer.