

Ecology and Nature Conservation

Semester: 2024-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
001-2-1011		Writing Thesis - Continuation	0						Mandatory for students on study extension
001-2-6666	Prof. Uri Roll	Departmental Seminar	0	Tue	12:00-13:00	Sede Boqer	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
205-2-2521	Prof. Itamar Giladi&Prof. Yaron Ziv	Workshop in Ecology and Environmental Sciences	0.5	Mon	12:00-14:00	Beer Sheva			
470-2-0100	prof. Roi Gazit and Dr. Shira Ovadia	The Care and Use of Animals in Research	0			Online program			
900-5-2002	Online Program	Training in Chemical & Biological Safety	0			Online program			
900-5-5001	Online Program	Educational Software on Getting to Know the Law for the Prevention of Sexual Harassment	0			Online program			

B Mandatory Track Courses

Evolutionary Ecology

Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3084	Prof. Michal Segoli	Evolutionary Ecology.	4	Tue	13:15-17:00	Sede Boqer	Biology	136	

C 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.

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3083	Prof. Merav Seifan	Community Ecology	3	Tue	09:15-12:00	Sede Boqer	Biology	32	Frontal exam
205-2-8031	Prof. Yaron Ziv	Spatial Ecology	3	Mon	16:00-20:00	Beer-Sheva			

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.

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3045	Dr. Shirli Bar-David	Conservation Genetics	3	Wed	11:15-14:00	Sede Boqer	Biology	136	
001-2-3082	Prof. Itamar Giladi	Ecology and Evolution of Dispersal	3	Wed	15:15-18:00	Sede Boqer	48	2	
001-2-3086	Prof. Hadas Hawlena	Microbial Ecology from the Ecologist Point of View	3	Tue	09:15-12:00	Sede Boqer	Biology	136	
001-2-3094	Prof. Uri Roll	Macroecology	2	Wed	09:15-11:00	Sede Boqer	Biology	136	

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
001-2-3045	Dr. Shirli Bar-David	Conservation Genetics	3	Wed	11:15-14:00	Sede Boqer	Biology	136	
001-2-3047	Prof. Merav Seifan	Global Changes and the biodiversity crisis	2	Wed	14:00-16:00	Sede Boqer	Physics	Seminar Room	

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Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3091	Prof. Merav Seifan	Contemporary Topics in Israeli Nature Conservation –Workshop	3	six-days					Six days field workshop. First meeting 30.04, second meeting 07.05(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.
001-2-3092	Prof. Oded Berger-Tal	The use of animal cognition principles in conservation	2	21-25.07.2024	09:00-18:00	Sede Boqer	Biology	136	A Week Intensive course during the SUMMER break. Registration on the spring semester registration period
001-2-3099	Dr. Bar-David Shirli	Molecular Ecology and Evolution	2	Tue	16:30-18:30	Sede Boqer	Biology	136	
001-2-3344	Dr. Shirli Bar-David	Guided Reading on Molecular Ecology	2						Guided reading course-limited to two students. Please contact the lecturer
001-2-3355	Prof. Hadas Hawlena	Guided Reading in Microbial Ecology	2						Guided reading course-limited to two students. Please contact the lecturer

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	13:15-15:00	Sede Boqer	School	1	Students are required to complete the course in their second semester of studies

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Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-0153 G2	Dr. Chris Arnush, Dr. Scott Hansen	Writing a Scientific Paper - Group2	2	Mon	09:00-10:45	Sede Boqer	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	Tue	15:30-18:30	Sede Boqer	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			Sede Boqer			Completion Course for AKIS Ecology Department Students, 0 Credits For schedule, please contact the lecturer.