

Ecology and Nature Conservation

Semester: 2023-A

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. Michal Segoli	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
205-2-1601	Prof. Ofer Ovadia	Ecology of Populations	3	Mod	08:00-10:00	Beer Sheva	38	10	
205-2-2524	Prof. Itamar Giladi&Prof. Yaron Ziv	Workshop in Ecology and Environmental Sciences	0.5	Mon	12:00-14:00	Beer Sheva	38	10	
205-2-5021	Prof. Moshe Kiflawi	Methods in Ecology	3	20-23.02, 26.02-01.03. 23		Sede Boqer	AKIS	Computure lab	An eight-day concentrated course offered during the Fall break in Sede Boqer 20-23.02.2023 + 26.02-01.03.2023

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Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
470-2-0100	prof. Roi Gazit and Dr. Shira Ovidia	The Care and Use of Animals in Research	0						MANDATORY for Students Who Work with Animals once per degree
900-5-2002	Online Program	Training in Chemical & Biological Safety	0						MANDATORY for Students Who Work in Chemical and Biological Labs (Students should take the course every year)
900-5-5001	Online Program	Educational Software on Getting to Know the Law for the Prevention of Sexual Harassment	0						MANDATORY for all students on the first year

D Limited Choice – Track Courses: Students are required to complete at least 2 courses 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
001-1-3001	Prof. Oded Berger-Tal	Conservation Ecology	4	Mon	14:00-19:00	Beer-Sheva	90	239	This course will replace course number 001.2.3087
001-2-3001	Prof. Ariel Novoplansky	Evolutionary Ecology of Phenotypic Plasticity. Prerequisite: Introduction to Ecology or Introduction to Biology or Equivalent Courses	3	Tue	17:15-20:00	Sede Boqer	Biology	136	
001-2-3039	Prof. Boris Krasnov	Evolutionary Ecology of Parasitism	3	Wed	14:15-17:00	Sede Boqer	Biology	136	
001-2-3085	Dr. Uri Roll, Prof. David Zaltz	Conservation Biology: Philosophy and Ethics	2	Tue	08:30-10:00	Sede Boqer	Biology	A3	
001-2-3093	Prof. Michal Segoli	Arthropod Behavior and Agroecology	2	12-16.02.2023		Sede Boqer	Biology	32	A one week concentrated course offered during the fall break 12-19.02.2023

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Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3335	Prof. Ariel Novoplansky	Camp Evolution	2	18-22.12.22					A five-day concentrated course offered in the fall semester

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
001-2-3035	Prof. Berry Pinshow	Biophysical Ecology in the Namib Desert: Online Course	2	Thu	17:00-19:00	Sede Boqer	48	1	
001-2-3078	Prof. Ariel Novoplansky	Personal Projects in Evolutionary Ecology	3						To be schedule with the students
001-2-3093	Prof. Michal Segoli	Arthropod Behavior and Agroecology	2	12-16.02.2023		Sede Boqer	Biology	32	A one week concentrated course offered during the fall break 12-19.02.2023
001-2-3097	Dr. Uri Roll	Science Communication	2	Tue	15:15-17:00	Sede Boqer	Biology	136	
001-2-3333	Prof. Boris Krasnov	Guided Reading on the Ecology of Parasites and Parasitism	2						Guided reading course - limited to two students
205-2-7032	Prof. Amos Bouskila	Solving Problems with R	2	Thu	08:00 - 10:00	Beer-Sheva	35	401	

F Elective Courses outside the Program

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-0153	Dr. Chris Arnush, Dr. Scott Hansen	Writing a Scientific Paper	2	Tue	13:15-15:00	Sede Boqer	Water Inst.	15	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
001-2-2038	Prof. Naftali Lazarovitch	Soil Physics	3	Tue	15:15-18:00	Sede Boqer	Biology	32	Home Exam
001-2-3079	Prof. Ariel Novoplansky	Scientific Presentation (Group A)	2	Wed	11:15-13:00	Sede Boqer	Biology	32	
001-2-3079 GB	Prof. Ariel Novoplansky	Scientific Presentation (Group B)	2	Wed	13:15-15:00	Sede Boqer	Biology	32	
001-2-4022	Prof. Ehud Meron	Pattern Formation and Spatial Ecology	3	Wed	15:15-18:00	Sede Boqer	Physics	Seminar Room	
001-2-4029	Prof. Yosef Ashkenazy	Introduction to statistics and probability using Python	3	Mon	10:15 -13:00	Sede Boqer	Physics	Seminar 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
001-2-3021	Prof. Itamar Giladi	Biostatistics: Class (can be completed during the program)	3	Tue	08:30-10:00	Sede Boqer	Biology	32	Home Exam.*0 credit points for students in the Ecology and Nature Conservation department. Limited to 17 students
001-2-3021 EX	Prof. Itamar Giladi	Biostatistics: Exersice (can be completed during the program)		Wed	09:15-11:00	Sede Boqer	School	Computer room	Home Exam.*0 credit points for students in the Ecology and Nature Conservation department. Limited to 17 students
001-2-3037	Prof. Ariel Novoplansky	Tutorial in Evolution (can be completed during the program)	2						Contact the lecturer