

# Ecology and Nature Conservation

Semester: 2025-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
001-2-6666	Prof. Lubin Yael	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
205-2-2524	Prof. Itamar Giladi&Prof. Yaron Ziv	Workshop in Ecology and Environmental Sciences	0.5	Mon	12:00-14:00	Beer-Sheva	38	10	mandatory
205-2-5021	Prof. Moshe Kiflawi	Methods in Ecology	3		Will be published	Sde Boker	School	1	An eight-day intensive course offered during the Fall break in Sede Boqer. Date will be published
470-2-0100	prof. Roi Gazit and Dr. Shira Ovadia	The Care and Use of Animals in Research	0			Online program			Mandatory for students whose research involves working with animals in the lab
900-5-2002	Online Program	Training in Chemical & Biological Safety	0			Online program			

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## Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
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

### Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3084	Prof. Michal Segoli	Evolutionary Ecology	4	Tue	13:00-16:00	Sde Boker	School	1	

**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
001-2-3001	Prof. Ariel Novoplansky	Evolutionary Ecology of Phenotypic Plasticity. Prerequisite: Introduction to Ecology or Introduction to Biology or Equivalent Courses	3			Sde Boker			For class schedule please contact the lecturer
001-2-3039	Prof. Boris Krasnov	Evolutionary Ecology of Parasitism	3	Wed	14:00-17:00	Sde Boker	Biology	32	
001-2-3045	Dr. Shirli Bar-David	Conservation Genetics	3	Wed	11:00-14:00	Sde Boker	Biology	136	
001-2-3085	Prof. Uri Roll, Prof. David Zaltz	Conservation Biology: Philosophy and Ethics	2	Tue	08:30-10:00	Sde Boker	Biology	A3	

## 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
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## Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3035	Prof. Berry Pinshow and Prof. J. Scott Turner	Biophysical Ecology in the Namib Desert: Online Course	2	Mon	17:00-19:00	Sde Boker	Biology	A3	
001-2-3045	Dr. Shirli Bar-David	Conservation Genetics	3	Wed	11:00-14:00	Sde Boker	Biology	136	
001-2-3078	Prof. Ariel Novoplansky	Personal Projects in Evolutionary Ecology	3			Sde Boker			To be schedule with the students
001-2-3333	Prof. Boris Krasnov	Guided Reading on the Ecology of Parasites and Parasitism	2			Sde Boker			Guided reading course - limited to two students
001-2-3344	Dr. Shirli Bar-David	Guided Reading on Molecular Ecology	2						Guided reading course-limited to two students
205-2-7032	Prof. Amos Bouskila	Solving Problems with R	2	Thu	08:00-12:00	Beer-Sheva	35	404	

## 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	Wed	14:00-16:00	Sde Boker	Water Inst.	15	Students are required to complete the course in their second semester of studies (or 3rd semester)
001-2-2038	Prof. Naftali Lazarovitch	Soil Physics	3	Tue	15:00-18:00	Sde Boker	Biology	32	Home Exam
001-2-3079	Prof. Ariel Novoplansky	Scientific Presentation (Group A)	2	Wed	11:00-13:00	Sde Boker	Biology	A3	
001-2-3079 GB	Prof. Ariel Novoplansky	Scientific Presentation (Group B)	2	Wed	13:00-15:00	Sde Boker	Biology	A3	
001-2-4029	Prof. Yosef Ashkenazy	Introduction to statistics and probability using Python	3	Mon	10:00 -13:00	Sde Boker	Physics	Seminar Room	Frontal Exam

## 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

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## 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	Sde Boker	Biology	32	Final exam in a computer lab.*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	09:00-11:00	Sde Boker	School	Computer room	Final exam in a computer lab.*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			Sde Boker			Completion Course for AKIS Ecology Department Students, 0 Credits For schedule, please contact the lecturer.