

# Ecology and Nature Conservation

Semester: 2026-A

## Nature Conservation

**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
001-2-6666	Dr. Sofia Bouchebti	Departmental Seminar	0	Tue	12:00-13:00	Sde Boker	Old Admin. Build.	Seminar Room	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	Mon	08:00-12:00	Beer-Sheva			
205-2-2522	Prof. Itamar Giladi&Prof. Yaron Ziv	Workshop in Ecology and Environmental Sciences	0.5	Mon	12:00-14:00	Beer-Sheva	38	135	mandatory
205-2-5021	Prof. Moshe Kiflawi	Methods in Ecology	3	09-12/02/2026 + 22-25/02/2026		Sde Boker	School	Computure Lab	Eight-day intensive course offered during the Fall Break in Sde Boker Campus.
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

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## Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3085	Prof. Uri Roll, Prof. David Zaltz	Conservation Biology: Philosophy and Ethics	2	Tue	08:30-10:00	Sde Boker	Biology	A3 136	
001-2-3087	Prof. Oded Berger-Tal	Conservation Ecology	4	Mon	14:00-19:00	Beer-Sheva	28	שיעור: 107 תרגיל 105	

**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
001-2-3084	Prof. Michal Segoli	Evolutionary Ecology	4	Tue	13:00-17:00	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
001-2-3039	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	

## 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 and Prof. J. Scott Turner	Biophysical Ecology in the Namib Desert: Online Course	2	Mon	17:00-19:00	Sde Boker	Biology	A3	
001-2-3078	Prof. Ariel Novoplansky	Personal Projects in Evolutionary Ecology	3			Sde Boker			To be schedule with the students

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## Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-3081	Dr. Shirli Bar-David and Alen Tempelton	Population Genomics and Conservation	2.5	19-23.10.2025	09:00-18:00	Sde Boker	School	1	Five-day intensive course. Registration during the fall early registration period.
001-2-3100	Dr. Shirli Bar-David	Genetic Monitoring of Wildlife Populations	2.5	01-05/03/2026		Sde Boker	School	2	Five-day intensive course offered during the Fall Break
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
205-2-7032	Prof. Amos Bouskila	Solving Problems with R	2	Thu	08:00-12:00	Beer-Sheva	35	402	

## 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	Wed	09:00 -12:00	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

### Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
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## Mandatory 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.

## Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-2081	Dr. Tarin Paz-Kagan & Dr. Tamir Caras	UAVs for environmental and agriculture research	3	08-12/02/2026	08:30-16:45	Sde Boker	Biology	32	Five-day intensive course offered during the Fall Break in Sde Boker campus. Frontal Exam