

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	2	

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