

Desert Studies

Semester: 2026-A
Agroinformatics-Old
A

Mandatory 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)
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 Students are required to take all the core courses in the list below

Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-5066	Dr. Scott K. Hansen	Introduction to Scientific Computing with Python	3	Tue	10:00-13:00	Sde Boker	School	1	The course will be held if a minimum of 3 students are registered

C Seminars and Thesis Writing - Mandatory Courses
Students are required to attend Departmental Seminars (one seminar per semester)
Students are required to present two seminars (one student seminar per year)
In the third and fourth semesters, students must register for Thesis Writing

Mandatory Courses

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Agroinformatics-Old

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
001-2-2222	Dr.Gilad Gabay(coordinator)	Departmental Seminar	0	Wed	11:30-12:30	Sde Boker	Old Admin. Build.	1	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

D1 Bioinformatics - Students are required to choose 1 of 3 courses according to the program

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-5004	Dr. Elad Levintal and Dr. Tuvia Turkeltaub	Field Methods in Hydrology	3	15-19/02/2026		Sde Boker	Water Inst.	Seminar Room	Five-day intensive course offered during the Fall Break
001-2-5005	Prof. Amit Gross, Prof. Zeev Ronen	Laboratory Methods for Environmental Studies	3	22-26/02/2026 + 01-03/03/2026	08:30-18:00	Sde Boker	Water Inst.	Seminar Room	Eight-day intensive course offered during the Fall Break

D2 Statistics - Students are required to choose 1 of 3 courses according to the program

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
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Agroinformatics-Old

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
001-2-4029	Prof. Yosef Ashkenazy	Introduction to statistics and probability using Python	3	Wed	09:00 -12:00	Sde Boker	Physics	Seminar Room	Frontal Exam
001-2-4054	Prof. Golan Bel	Statistical Analysis	3	Thu	09:00-12:00	Sde Boker	Physics	Seminar Room	

D4 Environmental Applications - Students are required to choose 1 of 5 courses according to the program

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-2043	Prof. Shimon Rachmilevitch	Plant Stress Indications: Methods and Instrumentation	2	15-17/02/2026		Sde Boker	Biology	32	Three-day intensive workshop offered during the Fall Break

E Elective courses for students who are in their second year of studies with the approval of their supervisor and upon approval of the teaching committee.

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
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Agroinformatics-Old

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
001-2-5075	Dr. Elad Levintal	Do-it-yourself sensors for environmental research – advanced course 1	1.5	Sun	13:00-15:00	Sde Boker	Water Inst.	Seminar Room	This is a yearly course. Completion of the course is contingent upon registration in both the fall (001.2.5075) and spring semesters under course number 001.2.5076.
001-2-9301	Dr. Tarin Paz-Kagan	Introduction to Image Processing and Computer Vision	3	Thu	11:00-14:00	Beer Sheva	34	116	

Old-for students who began up until April 2024