

Desert Studies

Semester: 2025-B

Agroinformatics-New

A

Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-0153 G1	Dr. Chris Arnush, Dr. Scott Hansen	Writing a Scientific Paper - Goup 1	2	Tue	13:00-15:00	Sde Boker	School	1	Students are required to complete the course in their second semester of studies
001-2-0153 G2	Dr. Chris Arnush, Dr. Scott Hansen	Writing a Scientific Paper - Group2	2	Mon	09:00-11:00	Sde Boker	School	1	Students are required to complete the course in their second semester of studies
470-2-0100	prof. Roi Gazit and Dr. Shira Ovdia	The Care and Use of Animals in Research	0			Online program			2024-1/2 פתוח**
900-5-2002	Online Program	Training in Chemical & Biological Safety	0			Online program			2024-1 פתוח ב*
900-5-5001	Online Program	Educational Software on Getting to Know the Law for the Prevention of Sexual Harassment	0			Online program			2024-1 פתוח ב*

C

Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-2222	Dr. Gilad Gabai (coordinator)	Departmental Seminar	0	Wed	11:30-12:30	Sde Boker	Old Admin. Build.	1	Mandatory each semester. 4 times during the degree
001-2-2666	Prof. Shimon Rachmilevitch	Students Seminar (first year)	0.5	Wed	09:00-10:00	Sde Boker	Biology	32	
001-2-2667	Prof. Shimon Rachmilevitch	Student Seminar (second year)	0.5	Wed	09:00-10:00	Sde Boker	Biology	32	

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Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
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

Elective 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

D1 Students are required to complete this course

Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-2046	Prof. Aaron Fait	Analysis of Biological Networks	2.5	Wed	12:30-15:00	Sde Boker	Biology	32	

D2 Students are required to complete 1 course in this category during the course of study:

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-5074	Dr. Elad Levintal	Envirotech - do it yourself sensors for environmental research	3	Sun	15:00-18:00	Sde-Boker	Water Inst.	Seminar Room	Course is limited to 8 students

D3 Students are required to complete 2 courses in this category during the course of study:

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-5070	Dr. Scott K. Hansen	Practical Data Science and Machine Learning	3	Tue	15:00-18:00	Sde Boker	Water Inst.	10	The course will be held if a minimum of 3 students are registered
001-2-6002	Dr. Aviva Peeters	Theory and Applications of Geographic Information Systems (GIS)	3	Thu	09:00-12:00	Sde Boker	School	Computer Room	

D4 Students are required to complete 2 courses in this category during the course of study:

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
001-2-2035	Prof. Naftali Lazarovitch	Crop Irrigation Regimes	3	Tue	15:00-18:00	Sde Boker	Biology	32	Home Exam
001-2-2067	Prof. Jhonathan Ephrath	Understanding and Modeling of Agricultural Systems - Guided reading	2	Tue	11:00-13:00	Sde Boker			please contact the lecturer
001-2-2303	Dr. Gilad Gabai	Functional Genomic Approaches in Plant Breeding	2	Thu	10:00-12:00	Sde Boker	Biology	136	
001-2-3047	Prof. Merav Seifan	Global Changes and the biodiversity crisis	2	Tue	13:00-15:00	Sde Boker	Biology	136	
001-2-3094	Prof. Uri Roll	Macroecology	2	Wed	09:00-11:00	Sde Boker	Biology	136	
001-2-4063	Dr. Victor Yashunsky	Hands-on Image and Video Analysis without Coding: From Acquisition to Quantification	3	Tue	14:00-17:00	Sde Boker	Physics	Seminar Room	
001-2-5074	Dr. Elad Levintal	Envirotech - do it yourself sensors for environmental research	3	Sun	15:00-18:00	Sde-Boker	Water Inst.	Seminar Room	Course is limited to 8 students

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
001-2-1103	Prof. Hadas Hawlena	Introduction to Dryland Ecology	4	Wed	12:30-15:30	Sde Boker	School	1	

New - for students who began from November 2024