

Environmental Physics and Solar Energy

Semester: 2026-B

Environmental Physics and Solar Energy

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 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 Seminars & Thesis Writing: Students are required to attend Departmental Seminars (one seminar per semester). In the third and fourth semester, 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
001-2-4444	Prof. Iris Visoly-Fisher and Dr. Victor Yashunsky (coordinators)	Departmental Seminar A (first year)	0.25	Tue	11:00-12:00	Sde Boker	Physics	Seminar Room	

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Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-4454	Prof. Iris Visoly-Fisher and Dr. Victor Yashunsky(coordina tors)	Departmental Seminar B (first year)	0.25	Tue	11:00-12:00	Sde Boker	Physics	Seminar Room	
001-2-4464	Prof. Iris Visoly-Fisher and Dr. Victor Yashunsky(coordina tors)	Departmental Seminar A (second year)	0.25	Tue	11:00-12:00	Sde Boker	Physics	Seminar Room	
001-2-4474	Prof. Iris Visoly-Fisher and Dr. Victor Yashunsky(coordina tors)	Departmental Seminar B (second year)	0.25	Tue	11:00-12:00	Sde Boker	Physics	Seminar Room	
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

C Core Courses: 9 credits

Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-4027	Prof. Yosef Ashkenazy	Introduction to Geophysical Fluid Dynamic	3	Mon	13:00-16:00	Sde Boker	Physics	Seminar Room	
001-2-4050	Prof. Iris Visoly-Fisher	Nano-Materials and Nano-Technology for Sustainable Energy	3	Mon	10:00-13:00	Sde Boker	Solar	Seminar Room	

D Elective Courses: 18 credits

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-2205	Prof. Ido Regev	Modeling in the Earth Sciences	3	Thu	10:00-13:00	Sde Boker	Physics	Seminar Room	

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Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-4048	Prof. Mohammed Bashouti	Physical Optics	3	Wed	10:00-13:00	Sde Boker	Solar	Seminar Room	
001-2-4063	Dr. Victor Yashunsky	Hands-on Image and Video Analysis without Coding: From Acquisition to Quantification	3	Tue	16:00-19:00	Sde Boker	Physics	Seminar Room	
001-2-4065	Dr. Victor Yashunsky	Data-Based Research with Python	3	Tue	12:00-15:00	Sde Boker	Physics	Seminar Room	
001-2-5069	MOOC	Water & the Environment: Current challenges and solutions	3						Online course. Frontal exam in Sde-Boker campus
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
001-2-5076	Dr. Elad Levintal	Do-it-yourself sensors for environmental research – advanced course 2	1.5	Sun	13:00-15:00	Sde Boker	Water Inst.	10	This is a yearly course. Registration is contingent upon the successful completion of the Fall semester course 001.2.5075.