

Environmental Physics and Solar Energy

Semester: 2024-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	13:15-15:00	Sede Boqer	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	09:00-10:45	Sede Boqer	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
001-2-1011		Writing Thesis - Continuation	0						Mandatory for students on study extension
001-2-4444	Prof. Eugene Katz&Dr. Naftali Smith (coordinators)	Departmental Seminar A (first year)	0.25	Tue	11:00-12:00	Sede Boqer	Physics	Seminar Room	

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Mandatory Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-4454	Prof. Eugene Katz&Dr. Naftali Smith (coordinators)	Departmental Seminar B (first year)	0.25	Tue	11:00-12:00	Sede Boqer	Physics	Seminar Room	
001-2-4464	Prof. Eugene Katz&Dr. Naftali Smith (coordinators)	Departmental Seminar A (second year)	0.25	Tue	11:00-12:00	Sede Boqer	Physics	Seminar Room	
001-2-4474	Prof. Eugene Katz&Dr. Naftali Smith (coordinators)	Departmental Seminar B (second year)	0.25	Tue	11:00-12:00	Sede Boqer	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	13:15-16:00	Sede Boqer	Physics	Seminar Room	
001-2-4050	Prof. Iris Visoly-Fisher	Nano-Materials and Nano-Technology for Sustainable Energy	3	Mon	10:15-13:00	Sede Boqer	Solar	Seminar Room	

D Elective Courses: 18 credits

Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-0009	Prof. Avraham Beer	Physics of Bacterial Communities	3	Mon	11:15-14:00	Sede Boqer	Water Inst.	Seminar Room	
001-2-1103	Prof. Hadas Hawlena	Introduction to Dryland Ecology	4	Wed	12:30-15:30	Sede Boqer	School	1	

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Elective Courses

Course No	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Rem
001-2-1200	Prof. Simon Barak & Dr. Buzi Raviv	BGU Radio Academy – Podcast production course	2	14-19.04.2024		Sede Boqer	School	1	A five day intensive course offered during the fall break. Registration during the spring registration period. The course will be held contingent upon registration of minimum 4 students
001-2-4011	Dr. Roiy Sayag	Non-Newtonian Fluid Mechanics	3	Tue	14:15-17:00	Sede Boqer	Physics	Meeting Room - 2nd Floor	(course will be held upon registration of at least 5 students)
001-2-4033	Prof. Isaak Rubinstein	Topics in Physico-Chemical Hydrodynamics and Electrodiffusion (B)	2						schedule will be coordinated between the lecturer and the students
001-2-4056	Prof. Hezi Yizhaq	Aeolian Geomorphology	2	Thu	08:30-10:00	Sede Boqer	Physics	Seminar Room	
001-2-5069	MOOC	Water & the Environment: Current challenges and solutions	3						Online course. Frontal exam
001-2-7004	Dr. Naftali Smith	Methods of Mathematical Physics	3	Tue	12:15-15:00	Sede Boqer	Solar	Seminar Room	Frontal Exam