

Environmental Physics and Solar Energy

TIME TABLE FOR THE FALL SEMESTER (A)- ACADEMIC YEAR 2021/2022

A. Mandatory Courses:

Students are required to complete one of the courses from the list below **in their second semester** of studies:

Offered in the fall semester

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-0153	Prof. Shai Arnon, Dr. Scott Hansen	Writing a Scientific Paper	2	Tue	10:15-12:00	Sede Boqer	School	1	To be taken in the student's second semester

OR

Offered in the spring semester

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-0153	Prof. Shai Arnon, Dr. Scott Hansen	Writing a Scientific Paper	2	Mon	09:00-10:45	Sede Boqer	School	1	To be taken in the student's second semester
001-2-0153	Prof. Shai Arnon, Dr. Scott Hansen	Writing a Scientific Paper - Goup 2	2	Tue	13:15-15:00	Sede Boqer	School	1	To be taken in the student's second semester

Students are required to complete the courses from the list below during in their **first** semester of studies:

900-5-5001 Educational Software on Getting to Know the Law for the Prevention of Sexual Harassment - MANDATORY for all students once per degree. The course is in the MOODLE system (**Hebrew** - <https://moodle2.bgu.ac.il/moodle/> ; **English** - <http://moodle2.bgu.ac.il/?lang=en>). Registration: **Hebrew** - <https://bgu4u.bgu.ac.il/pls/scwp!/app.gate?app=csh> ; **English** - <https://bgu4u.bgu.ac.il/pls/scwp!/app.gate?app=csh&lang=en> .

900-5-2002 Training in Chemical & Biological Safety - MANDATORY for Students Who Work in Chemical and Biological Labs (Students should take the course every year). Registration for the course is in the first semester of each academic year. The course is in the MOODLE system **Hebrew** - <https://moodle2.bgu.ac.il/moodle/> and **English** - <http://moodle2.bgu.ac.il/?lang=en>.

470-2-0100 The Care and Use of Animals in Research - MANDATORY for Students Who Work with Animals once per degree

B. Seminars and Thesis Writing -- Mandatory Courses:

Students are required to attend Departmental Seminars (one seminar per semester).

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room
001-2-4444	Dr. Avi Niv and Dr. Ido Regev (Coordinators)	Departmental Seminar A (first year)	0.25	Tue	10:00-12:00	Sede Boqer	Physics	Seminar Room
001-2-4454		Departmental Seminar B (first year)						
001-2-4464		Departmental Seminar A (second year)						
001-2-4474		Departmental Seminar B (second year)						

In the third and fourth semesters, students must register for Thesis Writing.

001-2-9991	--	Thesis Writing A	6	Students on their 3rd semester
001-2-9992	--	Thesis Writing B	6	Students on their 4th semester

Students who have completed the above Thesis Writing courses and who continue their studies for a fifth semester must register for this course.

Course No.	Lecturer	Subject	Credits
001-2-1000	--	Thesis Writing - Continuation	0

C. Core Courses

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-4038	Prof. Golan Bel	Stochastic Processes in Physics	2	Thu	15:15-17:00	Sede Boqer	Physics	Seminar Room	0
001-2-4045	Prof. Eugene Katz	Physics of Solar Cells	3	Sun	09:15-12:00	Sede Boqer	Physics	Seminar Room	0

D. Elective Courses:

001-2-4012	Prof. Isaak Rubinstein	Electro-Diffusion of Ions and Membrane Desalination Processes	3	Flexible - according to the schedules of the students					0
001-2-4016	Dr. Leah Orlovsky	Geography of Desertification	2	Sun	12:15-14:00	Sede Boqer	Physics	Seminar Room	0
001-2-4026	Prof. Yossi Ashkenazy	Introduction to the Physics of Atmospheres	3	Mon	14:00-17:00	Sede Boqer	Physics	Seminar Room	0
001-2-4031	Prof. Isaak Rubinstein	Topics in Physico-Chemical Hydrodynamics and Electrodiffusion (A)	2	Flexible - according to the schedules of the students					0
001-2-4052	Dr. Mohammad Bashouti	Fundamentals of Semiconductors	3	Wed	12:15-15:00	Sede Boqer	Physics	Seminar Room	0
001-2-4058	Dr. Avi Niv	Topics in Solar Energy	3	Wed	09:15 - 12:00	Sede Boqer	Solar	Seminar Room	0
001-2-2038	Prof. Naftali Lazarovitch	Soil Physics	3	Tue	15:15-18:00	Sede Boqer	Biology	32	0
001-2-2205	Dr. Ido Regev	Modeling in the Earth Sciences	3	Wed	15:15-18:00	Sede Boqer	School	1	0
001-2-5069	Prof. Amit Gross, Prof. Osnat Gilor, Prof. Ron Kasher, Prof. Edo Bar-Zeev	Water & the Environmnet: Current challeneges and solotions	3	Online course - Information was published					0

