

# ECOLOGY AND NATURE CONSERVATION

## TIME TABLE FOR THE SPRING SEMESTER (B)- ACADEMIC YEAR 2020/2021

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. The course is in **Hebrew** <http://moodle2.bgu.ac.il/?lang=en>). <https://bgu4u.bgu.ac.il/pls/scwp!/app.gate?app=csh> and **English** <https://bgu4u.bgu.ac.il/pls/scwp!/app.gate?app=csh&lang=en> in the moodle system.

**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 and third semesters.** The course is in **Hebrew** <https://moodle2.bgu.ac.il/moodle/> and **English** in the moodle system <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

### **Prerequisites:**

Students without sufficient background will be required to complete individually-prescribed courses for no academic credit, typically yet not exclusively, including the following courses or their equivalents:

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Final Assignments
001-2-3037	Prof. Ariel Novoplansky	Tutorial in Evolution	0	Contact the lecturer					Oral Exam
204-1-1543	Dr. Barak Akabayov	General Chemistry - Laboratory	0	According to the Lab Group					
205-1-1221	Prof. Khalil Kashkush	Plant Science A	0	Mon	10:00-12:00	Beer Sheva			
205-1-1223	Prof. Khalil Kashkush	Plant Sciences A Laboratory	0	According to the Lab Group					

**A. Mandatory Courses**

Students are required to attend at least 80% of the Departmental Seminars and Workshops in each semester, throughout their studies.

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Final Assignments
001-2-6666	Dr. Shirli Bar-David and Dr. Uri Roll	Departmental Seminar	0	Tue	12:00-13:00	Sede Boqer	Old. Adm. Building	Seminar Room	
205-2-2523	Prof. Yaron Ziv & Dr. Itamar Giladi	Workshop in Ecology and Environmental Sciences	0.5	Mon	12:00-14:00	Beer Sheva			

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

Course No.	Lecturer	Subject	Credits
001-2-9991	--	Thesis Writing A	6
001-2-9992	--	Thesis Writing B	6

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

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

**Limited Choice Courses:**

Limited choice courses belong to two course lists:

**List C:** Limited choice-program courses

**List D:** Limited choice-track courses

**Students are required to complete at least 2 courses from list C and a total of 4 courses from lists C and D.**

**C. Limited Choice – Program Courses**

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Final Assignments
205-2-8031	Prof. Yaron Ziv	Spatial Ecology - Class	3	Mon	16:00-18:00	Beer Sheva	28	304	
		Spatial Ecology - Exercise		Mon	18:00-20:00	Beer Sheva	28	304	

**D. Limited Choice – Track Courses: Evolutionary Track**

(Annotated by track: E-Evolutionary Track; C-Nature Conservation Track).

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Final Assignments
001-2-3086	Dr. Hadas Hawlena	Microbial Ecology	3	Tue	09:15-12:00	Sede Boqer	Biology	32	Final Term Paper

**D. Limited Choice – Track Courses: Nature Conservation Track**

(Annotated by track: E-Evolutionary Track; C-Nature Conservation Track).

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Final Assignments
001-2-3045	Dr. Shirli Bar-David	Conservation Genetics	3	Tue	14:15-17:00	Sede Boqer	Biology	136	Final Term Paper

**D. Limited Choice – Track Courses: Nature Conservation Track (Continuation)**

(Annotated by track: E-Evolutionary Track; C-Nature Conservation Track).

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Final Assignments
001-2-3086	Dr. Hadas Hawlena	Microbial Ecology	3	Tue	09:15-12:00	Sede Boqer	Biology	32	Final Term Paper
001-2-3089	Dr. Oded Beger-Tal	Animal Behavior in Conservation Biology	3	Wed	08:30-11:00	Sede Boqer	Biology	136	Exam
001-2-3091	Prof. Merav Seifan	Contemporary Topics in Israeli Nature Conservation –Workshop	3	A six-day intensive course offered during the Passover break + five sessions, which will take place during the SPRING semester. The exact days will be scheduled with the students and the lecturer at the beginning of the semester. Registration on SPRING semester.					Oral Presentation and Final Term Paper
001-2-3093	Dr. Michal Segoli	Arthropod Behavior and Agroecology	2	A one week intensive course offered during the FALL break, 28.3.2021-2.4.2021 (Ecology Building, room 32). Registration on SPRING semester.					Final Term Paper

**E. Elective Courses within the Program:**

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Final Assignments
001-2-3023	Prof. Carmi Korine & Prof. Berry Pinshow	Echolocation and Bat-Insect Interactions in Desert Habitats	3	An intensive course offered during the SUMMER semester. Course registration takes place during the registration period for the SUMMER semester.					Final Term Paper
001-2-3090	Dr. Shirli Bar-David	Introduction to Molecular Ecology	2	Wed	11:15-13:00	Sede Boqer	Biology	136	Take-Home Exam
001-2-3091	Prof. Merav Seifan	Contemporary Topics in Israeli Nature Conservation –Workshop	3	A six-day intensive course offered during the Passover break + five sessions, which will take place during the SPRING semester. The exact days will be scheduled with the students and the lecturer at the beginning of the semester. Registration on SPRING semester.					Presentation and a Paper

**E. Elective Courses within the Program (Continuation):**

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Final Assignments
001-2-3135	Prof. Nurit Agam, Prof. Berry Pinshow, Prof. Scott Turner and Dr. Eugene Marais	Biophysical Ecology in the Namib Desert: Field Workshop	2	The field trip to Namibia will be held on the FALL break. In the shadow of the COVID 19 pandemic we plan to divide this course and workshop in two, each part worth two credits, because we are not sure if or when we will be able to travel to Gobabeb Namib Research Institute for the workshop.					Final Term Paper
001-2-3355	Dr. Hadas Hawlena	Guided Reading in Microbial Ecology	2	Guided reading course- limited to two students					Final Term Paper
205-2-2281	Prof. Amos Bouskila	Behavioral Ecology of Equids - Class	3	Thu	12:00-14:00	Beer Sheva			
		Behavioral Ecology of Equids -Excercise (Every Other Week)		Thu	14:00-16:00	Beer Sheva			

**F. Elective Courses outside the Program**

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Final Assignments
001-2-0153	Prof. Shai Arnon and Dr. C hris Arnush	Writing a Scientific Paper	2	Mon	09:00-10:45	Sede Boqer	School	1	Average of Home Assignments
001-2-6002	Dr. Aviva Peeters	Theory and Applications of Geographic Information Systems (GIS)	3	Thu	09:15-12:00	Sede Boqer	Man in the Drylands	Computer Room	Final Term Paper

**Elective courses from the Interuniversity Institute for Marine Sciences at Eilat (IUI):**

You may participate in one course per semester and no more than two courses during the 2-year program. For more information please refer to:

<http://www.iui-eilat.ac.il/Courses/Courses.aspx> (Courses are in Hebrew except international courses ). For registration please refer to:

<http://www.iui-eilat.ac.il>. The Interuniversity Institute for Marine Sciences, Eilat (IUI), P.O. Box 469 Eilat, 88103. Students might register to more elective courses in the IUI, with the recommendation of his/her supervisor/s and the approval of the chairperson of the student's specialization track Formal registration at Ben-Gurion University after acceptance by IUI.