

DESERT STUDIES

TIME TABLE FOR THE SPRING SEMESTER (B)- ACADEMIC YEAR 2021/2022

A. Mandatory Courses:

Students are required to complete the course below **in their second/third semester** of studies:

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

AGRICULTURE AND BIOTECHNOLOGY

B. Core Courses:

Students are required to attend four core courses selected from all core courses:

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-2005	Prof.Moshe Sagi, Prof.Jhonathan E. Ephrath	Plant Physiology under Stress	2	Sun	10:15-12:00	Sede Boqer	School	1	0
001-2-2035	Prof. Naftali Lazarovitch	Crop Irrigation Regimes	3	Tue	15:15-18:00	Sede Boqer	Biology	32	0
001-2-2059	Prof. Shimon Rachmilevitch	Carbon Metabolism and Photosynthesis in a Changing Environment	2	Wed	13:15-15:00	Sede Boqer	Biology	32	0
001-2-2065	Prof. Aaron Fait	The Physiology and Metabolism of Fruits: Genetics Vs Environment	4	Mon	12:00-15:30	Sede Boqer	Biology	32	0

C. 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
001-2-2222	Prof. Noemi Tel- Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar A (first year)	0	Wed	11:30-12:30	Sede Boqer	Will be updated	Will be updated
001-2-2224	Prof. Noemi Tel- Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar B (first year)	0					
001-2-2223	Prof. Noemi Tel- Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar A (second year)	0					
001-2-2225	Prof. Noemi Tel- Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar B (second year)	0					
001-2-2666	Prof. Shimon	Students Seminar (first year)	0.5	Wed	09:00-10:00	Sede Boqer	Biology	32
001-2-2667	Rachmilevitch	Student Seminar (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

D. Elective Courses within the Track of the Study:

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-2021	Prof. Dina Zilberg	Aquatic Animal Health	3	Thu	08:30-11:00	Sede Boqer	Biology	32	0
001-2-2028	Prof. Shmuel Appelbaum	Guided Reading on Economical Utilization of Food Industry Wastes as Aquaculture Feeds, Particularly in Arid lands	2	Guided reading course - limited to two students					0
001-2-2025/6/7	Prof. Dina Zilberg	Practical Fish Disease Diagnosis (A)/(B)/(C) (Prerequisite: Theoretical fish diseases course)	1	Contact the lecturer					Limited to 3 students
001-2-2037	Prof. Moshe Sagi	Guided Reading on Stress Sensing in Plants	2	Guided reading course - limited to two students					0
001-2-2049	Prof. Noemi Tel-Zur	Physiology, Reproduction and Use of Cactus Species	2	Tue	13:15-15:00	Sede Boqer	Biology	32	0
001-2-2054	Prof. Shimon Rachmilevitch	Guided Reading on Topics in the Ecophysiology of Desert Plants	2	Guided reading course - limited to two students					0
001-2-2069	Prof. Inna Khozin-Goldberg	Lipid Biochemistry of Microalgae and Plants	3	Thu	11:15-14:00	Sede Boqer	Biology	136	0
001-2-2071	Dr. Vered Tzin	Molecular Mechanism of Plant-Insect Interactions	3	Mon	08:30-11:30	Sede Boqer	Biology	32	0
001-2-2173	Prof. Noemi Tel-Zur	Guided Reading on Plant Breeding and Cytogenetics	2	Guided reading course - limited to two students					0
001-2-2289	Prof. Simon Barak	Guided Reading on Molecular and Systems Biology Approaches to Plant Stress Tolerance Research	2	Guided reading course- limited to two students					0
001-2-2290	Prof. Dina Zilberg	Guided Reading on Aquatic Animal Health	2	Guided reading course - limited to two students					0

D. Elective Courses within the Track of the Study (Continuation):

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-2205	Dr. Ido Regev	Modeling in the Earth Sciences	3	Wed	15:15-18:00	Sede Boqer	School	1	0
001-2-2206	Prof. Arnon Karnieli, Dr. Manuel Salvoldi	Earth observation missions for agricultural monitoring	3	Thu	12:15-15:00	Sede Boqer	Physics	Seminar Room	0
001-2-2289	Prof. Simon Barak	Guided Reading on Molecular and Systems Biology Approaches to Plant Stress Tolerance Research	2	Guided reading course- limited to two students					0
001-2-2066	Prof. Aaron Fait	Metabolomics Laboratory	2	A five-day Intensive course offered in the FALL Break, February 20-24, 2022.09:00-14:00, Agriculture Building, Room 32. Course registration takes place during the registration period for the Fall semester.					20-24.02.2022
001-2-2067	Prof. Jhonathan Ephrath	Understanding and Modeling of Agricultural Systems	2	Mon	09:15-11:00	Sede Boqer	Biology	32	0
001-2-2078	Prof. Noemi Tel-Zur	Principles and Practice of Microscopy	2	A five-day Intensive course offered in the FALL Break, February 13-17, 2022. 09:00-15:00, Agriculture Building, Room 32. Course registration takes place during the registration period of the Fall semester.					Max 10 participants
001-2-2290	Prof. Dina Zilberg	Guided Reading on Aquatic Animal Health	2	Guided reading course - limited to two students					0
001-2-2300	Dr. Vered Tzin	Guided Reading on Plant Metabolism: Authentic to Synthetic	2	Guided reading course - limited to two students					0

E. General Courses:

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-5069	Prof. Amit Gross, Prof. Osnat Gilor, Prof. Ron Kasher, Prof. Edo Bar-Zeev	Water & the Environmnet: Current challeneges and solotions	3						0
900-1-2902	Prof. Simon Barak & Dr. Buzi Raviv	BGU Radio Academy	*2						*students must take two semesters beginning in Semester A and fulfil all course requirements

IRRIGATION AND PLANT ENVIRONMENT

B. Core Courses within the Track of Study:

Students are required to take 15 credits from the core courses.

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-2005	Prof. Moshe Sagi, Prof. Jhonathan E. Ephrath	Plant Physiology under Stress	2	Sun	10:15-12:00	Sede Boqer	School	1	0
001-2-2035	Prof. Naftali Lazarovitch	Crop Irrigation Regimes	3	Tue	15:15-18:00	Sede Boqer	Biology	32	0
	#N/A	#N/A	#N/A		#N/A	#N/A	#N/A	#N/A	#N/A

C. 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
001-2-2222	Prof. Noemi Tel-Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar A (first year)	0	Wed	11:30-12:30	Sede Boqer	Will be updated	Will be updated
001-2-2224	Prof. Noemi Tel-Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar B (first year)						
001-2-2223	Prof. Noemi Tel-Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar A (second year)						
001-2-2225	Prof. Noemi Tel-Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar B (second year)						
001-2-2666	Prof. Shimon Rachmilevitch	Students Seminar (first year)	0.5	Wed	09:00-10:00	Sede Boqer	Biology	32
001-2-2667	Rachmilevitch	Student Seminar (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

D1. Elective Courses Within the Track of the Study:

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-2059	Prof. Shimon Rachmilevitch	Carbon Metabolism and Photosynthesis in a Changing Environment	2	Wed	13:15-15:00	Sede Boqer	Biology	32	0
001-2-5004	Prof. Ofer Dahan, Prof. Noam Weisbord	Field Methods in Hydrology	3	Mon	16:15-19:00	Sede Boqer	Water Inst.	Seminar Room	0
001-2-2301	Prof. Nurit Agam	Guided Reading Course on Calculating the Aridity Index from Meteorological Time Series	2	Guided reading course - limited to two students					0
001-2-5012	Prof. Zeev Ronen	Biodegradation Process of Synthetic Organic Compound in Water Soil	2	Thu	10:15-12:00	Sede Boqer	Water Inst.	Seminar Room	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
001-2-6002	Dr. Aviva Peeters	Theory and Applications of Geographic Information Systems (GIS)	3	Thu	09:15-12:00	Sede Boqer	Water Inst.	Computer Room	0
900-1-2902	Prof. Simon Barak & Dr. Buzi Raviv	BGU Radio Academy	*2	Will be published					*students must take two semesters beginning in Semester A and fulfil all course requirements

D2. Elective courses for students who are in their second year of studies with the approval of their supervisor

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-2054	Prof. Shimon Rachmilevitch	Guided Reading on Topics in the Ecophysiology of Desert Plants	2						0
001-2-2173	Prof. Noemi Tel-Zur	Guided Reading on Plant Breeding and Cytogenetics	2						0

SOLAR ENERGY AND THE ENVIRONMENTAL PHYSICS

C. 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

D. Elective Courses within the Track of the Study:

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-4011	Dr. Roiy Sayag	Non-Newtonian Fluid Mechanics	3	Tue	12:15-15:00	Sede Boqer	Physics	Meeting Room - 2nd Floor	0
001-2-4022	Prof. Ehud Meron	Pattern Formation and Spatial Ecology	3	Wed	15:00-18:00	Sede Boqer	Physics	Seminar Room	0
001-2-4024	Prof. Arnon Karnieli	Satellite Image Processing	3	Tue	12:15-15:00	Sede Boqer	Physics	1	0
001-2-4027	Prof. Yossi Ashkenazy	Introduction to Geophysical Fluid Dynamic	3	Mon	13:15-16:00	Sede Boqer	Physics	Seminar Room	0
001-2-4048	Dr. Avi Niv	Physical Optics	3	Thu	10:00-13:00	Sede Boqer	Solar	136	0
001-2-4050	Prof. Iris Visoly- Fisher	Nano-Materials and Nano-Technology for Sustainable Energy	3	Mon	10:15-13:00	Sede Boqer	Physics	Seminar Room	אחת לשנתיים
001-2-4053	Dr. Avi Niv	Thermodynamics of Radiating Systems and the Optics of Solar Cells	3	Wed	12:15-15:00	Sede Boqer	Solar	Seminar Room	אם יבגני בשבתון Prof. *Eugene Katz
001-2-4056	Prof. Hezi Yizhaq	Aeolian Geomorphology	2	Thu	08:30-10:00	Sede Boqer	Physics	Seminar Room	0

E. Elective Courses outside the Track of the Study:

Students are required to complete 4 credits either from other tracks of study or from the list of introductory courses below:

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-0009	Prof. Avraham Be'er	Physics of Bacterial Communities	3	Mon	11:15-14:00	Sede Boqer	Water Inst.	Seminar Room	0
001-2-1103	Dr. Hadas Hawlena	Introduction to Dryland Ecology	4	Wed	12:30-15:30	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

ENVIRONMENTAL AND AQUATIC MICROBIOLOGY

B. Core Track Course - Mandatory - No Mandatory Core Track Courses on 2022-2

C. Departmental 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	Remarks
001-2-5555	Dr. Avner Ronen and Dr. Scott K. Hansen (Coordinator)	Departmental Seminar A (first year)	0	Wed	13:00-14:00	Sede Boqer	Water Inst.	Seminar Room	0
001-2-5557		Departmental Seminar B (first year)							0
001-2-5556		Departmental Seminar A (Second year)							0
001-2-5558		Departmental Seminar B (Second year)							0

C. Seminars and Thesis Writing -- Mandatory Courses (Continuation):

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

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room
001-2-9995	Prof. Zeev Ronen (Coordinator)	Student Seminar (first year)	0.5	Wed	09:00-10:00	Sede Boqer	Water Inst.	Seminar Room
001-2-9996		Student Seminar (second year)						

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 this course.

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

D. Elective Courses 1

This is a partial list. The student is allowed to select other courses that are related to the area of his/her research with the approval of the supervisor.

Students are required to complete at least 8 credits.

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-0004	Prof. Noam Weisbrod	Vadose Zone Hydrology	2.5	Mon	08:30-11:00	Sede Boqer	Water Inst.	Seminar Room	The course will be taught if at least six
001-2-0009	Prof. Avraham Be'er	Physics of Bacterial Communities	3	Mon	11:15-14:00	Sede Boqer	Water Inst.	Seminar Room	0
001-2-2021	Prof. Dina Zilberg	Aquatic Animal Health	3	Thu	08:30-11:00	Sede Boqer	Biology	#N/A	#N/A
001-2-2025	Prof. Dina Zilberg	Practical Fish Disease Diagnosis (A)/(B)/(C) (Prerequisite: Theoretical fish diseases course)	1	Contact the lecturer					
001-2-2026									
001-2-2027									
001-2-2290	Prof. Dina Zilberg	Guided Reading on Aquatic Animal Health	2	Guided reading course - limited to two students					0
001-2-3086	Dr. Hadas Hawlena	Microbial Ecology from the Ecologist Point of View	3	Tue	09:15-12:00	Sede Boqer	Biology	32	0
001-2-4022	Prof. Ehud Meron	Pattern Formation and Spatial Ecology	3	Wed	15:00-18:00	Sede Boqer	Physics	Seminar Room	0
001-2-5012	Prof. Zeev Ronen	Biodegradation Process of Synthetic Organic Compound in Water Soil	2	Thu	10:15-12:00	Sede Boqer	Water Inst.	Seminar Room	0
001-2-5038	Prof. Amit Gross	Water Sanitation	3	Thu	12:15-15:00	Sede Boqer	Water Inst.	Seminar Room	0
001-2-5040	Dr. Eli Zaady	Soil Microbial Ecology (upon the request of at least 5 students)	2	Thu	08:30-10:00	Sede Boqer	Water Inst.	Seminar Room	0
001-2-5060	Prof. Moshe Herzberg	Biological Processes in Wastewater Treatment	2	Thu	15:15-17:00	Sede Boqer	Water Inst.	Seminar Room	0
001-2-5070	Dr. Scott K. Hansen	Practical Data Science and Machine Learning	3	Wed	10:15-13:00	Sede Boqer	Water Inst.	Seminar Room	0
001-2-5129	Prof. Noam Weisbrod	Rural Water Development (Field Trip) - Prerequisite: Course # 001-2-5029 Rural Water Development (nininum 12 students)	2	Field Trip during the Summer Break. Course registration takes place during the registration period for the SPRING semester.					will be held assuming Covid-19 restrictions will allow

E. Elective Courses 2:

This is a partial list. The student is allowed to select other courses that are related to his/her area of research with the approval of the supervisor.

Students are required to complete at least 3 credits.

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-1103	Dr. Hadas Hawlena	Introduction to Dryland Ecology	4	Wed	12:30-15:30	Sede Boqer	School	1	0
001-2-3344	Dr. Shirli Bar-David	Guided Reading on Molecular Ecology	2	Guided reading course- limited to two students					0
001-2-4022	Prof. Ehud Meron	Pattern Formation and Spatial Ecology	3	Wed	15:00-18:00	Sede Boqer	Physics	Seminar Room	0
001-2-5034	Prof. Yoram Oren	Environmental Oriented Electrochemistry	2	Thu	09:15-11:00	Sede Boqer	Water Inst.	Seminar Room	0
001-2-5100	Dr. Genady Carmi	Introduction to Surface Hydrology	2	Tue	08:30-10:00	Sede Boqer	Water Inst.	Seminar Room	0
001-2-5062	Dr. Edo Bar-Zeev	Introduction to Biofilms	3	Tue	10:15-13:00	Sede Boqer	Water Inst.	Seminar Room	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

General Courses

Students are required to complete up to 4 credits.

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-1103	Dr. Hadas Hawlena	Introduction to Dryland Ecology	4	Wed	12:30-15:30	Sede Boqer	School	1	0
001-2-3045	Dr. Shirli Bar-David	Conservation Genetics	3	Tue	14:15-17:00	Sede Boqer	Biology	136	0
001-2-6002	Dr. Aviva Peeters	Theory and Applications of Geographic Information Systems (GIS)	3	Thu	09:15-12:00	Sede Boqer	Water Inst.	Computer Room	0
900-1-2902	Prof. Simon Barak & Dr. Buzi Raviv	BGU Radio Academy	*2	Will be published					*students must take two semesters beginning in Semester A and fulfil all course requirements

AGROINFORMATICS

B. Core Track Course - Mandatory - No Mandatory Core Track Courses on 2022-2

C. 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
001-2-2222	Prof. Noemi Tel-Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar A (first year)	0	Wed	11:30-12:30	Sede Boqer	Will be updated	Will be updated
001-2-2224	Prof. Noemi Tel-Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar B (first year)						
001-2-2223	Prof. Noemi Tel-Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar A (second year)						
001-2-2225	Prof. Noemi Tel-Zur & Dr. Ilya Gelfand (Coordinators)	Departmental Seminar B (second year)						
001-2-2666	Prof. Shimon Rachmilevitch	Students Seminar (first year)	0.5	Wed	09:00-10:00	Sede Boqer	Biology	32
001-2-2667	Rachmilevitch	Student Seminar (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

D1. Elective Courses Within the Track of the Study:

No courses on 2022-2

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
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D2. Elective Courses Within the Track of the Study:

No courses on 2022-2

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
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D3. Elective Courses Within the Track of the Study:

Students have to complete one of the courses below

Course No.	Lecturer	Subject	Credits	Day	Time	Campus	Building	Room	Remarks
001-2-5070	Dr. Scott K. Hansen	Practical Data Science and Machine Learning	3	Tue	10:15-13:00	Sede Boqer	Water Inst.	Seminar Room	
001-2-6002	Dr. Aviva Peeters	Theory and Applications of Geographic Information Systems (GIS)	3	Thu	09:15-12:00	Sede Boqer	Water Inst.	Computer Room	
001-2-4024	Prof. Arnon Karnieli	Satellite Image Processing	3	Tue	12:15-15:00	Sede Boqer	Physics	1	

E. Elective courses with the approval of their supervisor and the teaching committee

Students have to complete total of 7 credits courses - please consult your advisor

900-1-2902	Prof. Simon Barak & Dr. Puzi Ben-David	BGU Radio Academy	*2			Will be published			students must take two semesters
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