

Ecology and Nature Conservation

Semester: 2023-A

Nature Conservation

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

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

Mandatory Courses

| Course No | Lecturer | Subject | Credits | Day | Time | Campus | Building | Room | Rem |
|------------|--------------------------------------|--|---------|---------------------------------|-------------|------------|-------------------------|---------------|---|
| 001-2-6666 | Prof. Michal Segoli | Departmental Seminar | 0 | Tue | 12:00-13:00 | Sede Boqer | George Evans Auditorium | | Mandatory each semester. 4 times during the degree |
| 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 |
| 205-2-1601 | Prof. Ofer Ovadia | Ecology of Populations | 3 | Mod | 08:00-10:00 | Beer Sheva | 38 | 10 | |
| 205-2-2524 | Prof. Itamar Giladi&Prof. Yaron Ziv | Workshop in Ecology and Environmental Sciences | 0.5 | Mon | 12:00-14:00 | Beer Sheva | 38 | 10 | |
| 205-2-5021 | Prof. Moshe Kiflawi | Methods in Ecology | 3 | 20-23.02, 26.02-01.03. 23 | | Sede Boqer | AKIS | Computure lab | An eight-day concentrated course offered during the Fall break in Sede Boqer 20-23.02.2023 + 26.02-01.03.2023 |
| 470-2-0100 | prof. Roi Gazit and Dr. Shira Ovadia | The Care and Use of Animals in Research | 0 | | | | | | MANDATORY for Students Who Work with Animals once per degree |

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Mandatory Courses

| Course No | Lecturer | Subject | Credits | Day | Time | Campus | Building | Room | Rem |
|------------|----------------|---|---------|-----|------|--------|----------|------|--|
| 900-5-2002 | Online Program | Training in Chemical & Biological Safety | 0 | | | | | | MANDATORY for Students Who Work in Chemical and Biological Labs (Students should take the course every year) |
| 900-5-5001 | Online Program | Educational Software on Getting to Know the Law for the Prevention of Sexual Harassment | 0 | | | | | | MANDATORY for all students on the first year |

B Mandatory Track Courses

Mandatory Courses

| Course No | Lecturer | Subject | Credits | Day | Time | Campus | Building | Room | Rem |
|------------|---------------------------------|---|---------|-----|-------------|------------|----------|------|---|
| 001-1-3001 | Prof. Oded Berger-Tal | Conservation Ecology | 4 | Mon | 14:00-19:00 | Beer-Sheva | 90 | 239 | This course will replace course number 001.2.3087 |
| 001-2-3085 | Dr. Uri Roll, Prof. David Zaltz | Conservation Biology: Philosophy and Ethics | 2 | Tue | 08:30-10:00 | Sede Boqer | Biology | A3 | |

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.

Elective Courses

| Course No | Lecturer | Subject | Credits | Day | Time | Campus | Building | Room | Rem |
|------------|-------------------------|---|---------|---------------|-------------|------------|----------|------|--|
| 001-2-3001 | Prof. Ariel Novoplansky | Evolutionary Ecology of Phenotypic Plasticity. Prerequisite: Introduction to Ecology or Introduction to Biology or Equivalent Courses | 3 | Tue | 17:15-20:00 | Sede Boqer | Biology | 136 | |
| 001-2-3039 | Prof. Boris Krasnov | Evolutionary Ecology of Parasitism | 3 | Wed | 14:15-17:00 | Sede Boqer | Biology | 136 | |
| 001-2-3093 | Prof. Michal Segoli | Arthropod Behavior and Agroecology | 2 | 12-16.02.2023 | | Sede Boqer | Biology | 32 | A one week concentrated course offered during the fall break 12-19.02.2023 |

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Elective Courses

| Course No | Lecturer | Subject | Credits | Day | Time | Campus | Building | Room | Rem |
|------------|-------------------------|----------------|---------|-------------|------|--------|----------|------|---|
| 001-2-3335 | Prof. Ariel Novoplansky | Camp Evolution | 2 | 18-22.12.22 | | | | | A five-day concentrated course offered in the fall semester |

E Elective Courses within the Program

Courses from the Interuniversity Institute for Marine Sciences at Eilat (IUI):

You may participate in one course per semester and in no more than two courses during the 2-year program. Students might register to more elective courses in the IUI, with the recommendation of the advisor and the approval of the teaching committee.

For more information please refer to: <http://www.iui-eilat.ac.il/Courses/Courses.aspx>

Courses are in Hebrew except international courses.

Elective Courses

| Course No | Lecturer | Subject | Credits | Day | Time | Campus | Building | Room | Rem |
|------------|-------------------------|---|---------|-----|---------------|------------|----------|------|---|
| 001-2-3035 | Prof. Berry Pinshow | Biophysical Ecology in the Namib Desert: Online Course | 2 | Thu | 17:00-19:00 | Sede Boqer | 48 | 1 | |
| 001-2-3078 | Prof. Ariel Novoplansky | Personal Projects in Evolutionary Ecology | 3 | | | | | | To be schedule with the students |
| 001-2-3097 | Dr. Uri Roll | Science Communication | 2 | Tue | 15:15-17:00 | Sede Boqer | Biology | 136 | |
| 001-2-3333 | Prof. Boris Krasnov | Guided Reading on the Ecology of Parasites and Parasitism | 2 | | | | | | Guided reading course - limited to two students |
| 205-2-7032 | Prof. Amos Bouskila | Solving Problems with R | 2 | Thu | 08:00 - 10:00 | Beer-Sheva | 35 | 401 | |

F Elective Courses outside the Program

Elective Courses

| Course No | Lecturer | Subject | Credits | Day | Time | Campus | Building | Room | Rem |
|------------|------------------------------------|-----------------------------------|---------|-----|-------------|------------|-------------|------|--|
| 001-2-0153 | Dr. Chris Arnush, Dr. Scott Hansen | Writing a Scientific Paper | 2 | Tue | 13:15-15:00 | Sede Boqer | Water Inst. | 15 | Students are required to complete the course in their second semester of studies |
| 001-2-2038 | Prof. Naftali Lazarovitch | Soil Physics | 3 | Tue | 15:15-18:00 | Sede Boqer | Biology | 32 | Home Exam |
| 001-2-3079 | Prof. Ariel Novoplansky | Scientific Presentation (Group A) | 2 | Wed | 11:15-13:00 | Sede Boqer | Biology | 32 | |

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Elective Courses

| Course No | Lecturer | Subject | Credits | Day | Time | Campus | Building | Room | Rem |
|------------------|----------------------------|--|---------|-----|--------------|------------|----------|-----------------|-----|
| 001-2-3079 GB | Prof. Ariel Novoplansky | Scientific Presentation (Group B) | 2 | Wed | 13:15-15:00 | Sede Boqer | Biology | 32 | |
| 001-2-4022 | Prof. Ehud Meron | Pattern Formation and Spatial Ecology | 3 | Wed | 15:15-18:00 | Sede Boqer | Physics | Seminar Room | |
| 001-2-4029 | Prof. Yosef Ashkenazy | Introduction to statistics and probability using Python | 3 | Mon | 10:15 -13:00 | Sede Boqer | Physics | Seminar Room | |

G Prerequisites: Students are required to have earned a B.Sc. In Life Sciences or an equivalent degree.

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

Mandatory Courses

| Course No | Lecturer | Subject | Credits | Day | Time | Campus | Building | Room | Rem |
|------------------|----------------------------|--|---------|-----|-------------|------------|----------|------------------|--|
| 001-2-3021 | Prof. Itamar Giladi | Biostatistics: Class (can be completed during the program) | 3 | Tue | 08:30-10:00 | Sede Boqer | Biology | 32 | Home Exam.*0 credit points for students in the Ecology and Nature Conservation department. Limited to 17 students |
| 001-2-3021 EX | Prof. Itamar Giladi | Biostatistics: Exersice (can be completed during the program) | | Wed | 09:15-11:00 | Sede Boqer | School | Computer room | Home Exam.*0 credit points for students in the Ecology and Nature Conservation department. Limited to 17 students |
| 001-2-3037 | Prof. Ariel Novoplansky | Tutorial in Evolution (can be completed during the program) | 2 | | | | | | Contact the lecturer |