



# Detailed syllabus

**Course name**

Computer workshop in ecology

**Lecturers**

Prof. Inon Scharf

**Semester**

B

**Course requirements**

Ecology, Evolution

**Final grade**

Final home exam (50%), Weekly assignments (50%)

**Course structure**

Topic of the lesson	Lesson #
Experimental design I	1
Experimental design II	2
Decision making during foraging	3
Population ecology I	4
Population ecology II	5
Population ecology II	6
Population genetics I	7
Population genetics II	8
Population genetics III	9
Life-history trade-offs	10
Biogeography	11
Predator-prey interactions	12
Summary, preparations for the home exam	13

**Textbook**