Course title: Microbial Ecology

Name of the lecturer: Dr. Sarit Avrani
savrani@univ.haifa.ac.il

Office hours: Monday 10:30-11:30

Course credit: 2 hours/week

Requirements: Participation in lectures, seminar presentation, exam.
Prerequisite course: Microbiology.

Attendance: 80%

Course program: In this course we will discuss various mechanisms and processes that are related to the interactions of microorganisms with the environment. Including: interaction with different environments, interaction with higher organisms, roles of microorganisms in the biosphere, epidemiology in ecological perspective, microorganisms and current environmental problems, environmental microbial diversity, molecular methods in environmental microbiology, quorum sensing.

Basis of final grades: Seminar presentation (50%), exam (50%).