

**HARRAN UNIVERSITY FACULTY OF SCIENCE AND ARTS
DEPARTMENT OF BIOLOGY**

Course Name	Code	Semester	T+P	Credits	ECTS
Urban Ecology	0804859	8 th Year/Spring	3+0	2	3

Prerequisite Course(s)	
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Language of Instruction	Turkish
Type of Course	Selective
Coordinator	Prof. Dr. Ömer Faruk KAYA
Instructor	Prof. Dr. Ömer Faruk KAYA
Co-instructors	
Course Objectives	To introduction ecosystems of urban to students
Course Outcomes	To learn about the similarities and differences between urban ecosystems and other ecosystems
Course Contents	Definitions of artificial and natural ecosystems and differences between the two, dynamics of urban vegetation, the affecting factors the ecosystem of urban

Weeks	Topics
1	Artificial and natural ecosystems
2	Urbanization and the footprints of the urban
3	Destruction of urban, distribution of species, habitat diversity
4	Dynamics of vegetation in urban
5	Urban fauna
6	Urban climate and air pollution, urban lands
7	Mid-term exam
8	Urban areas
9	Industrial areas
10	Highways and railroads
11	Urban centers, urban parks
12	Urban water reserves
13	Environmental pollution originating from urban
14	Cemeteries and gardens
15	Final exam

General Capabilities
To understand the ecosystem of the urban

Recommended or Required Reading
1. Gilbert, D.L., 1991-Ecology of Urban Habitats. Chapman and Hall, London, 367 pp. 2. Ketenoglu, O., 2005. Kent Ekolojisi Ders Notları, Ankara Üniversitesi, 46 s., Ankara..

Form of Assessment
Mid-term exam : 40% Final exam : 60% Projects : Homework :

Course Code : 0804859
 Course Name : Urban Ecology
 Instructor : Prof. Dr. Ömer Faruk KAYA
 Theoretical / Practical / Credits : 2 0 2
 ECTS : 3

Course Description	Duration (hour)	Evaluation
Theoretical (hour/week)	3x15 = 45	Attendance
Guided Problem Solving		
Individual Work		
Evaluation of Assessments		Evaluation and discussion with coordinator and co-instructors
Term Project		
Mid-Term Exam	For the exam : 1 Individual work : 9	Closed book, written exam
Final Exam	For the exam : 1 Individual work : 19	Closed book, written exam
Quiz		
Research (internet/lib.)	15	Search from different sources
Discussion of Homework Problems		
Other		
Total Course Load (hour/year)	90	