Restoration Ecology

CATHOLIC UNIVERSITY OF KOREA

Course Syllabus

2014학년도 제2학기

Course Title	Korean	복원생태학			
	English	Restoration Ecology			
Course Number-Division	04058-01	Course Completion Requirement	제1전공선택	Time/Credits	3/3
Day / Time	월6(N219), 수 4~5(N219)	Course Target Audience	Junior students in the Major of Life Sciences	Prerequisite Courses	
Professor	Full Name	Office	Phone Number	E-MAIL	
	조도순	D712	02-2164-4357	dscho@catholic.ac.kr	
Web Site			English Class	A형	

1.Course Outline

This course deals with the principles and methods of ecological restoration of degraded ecosystems.

2. Objectives

This course helps students to learn the principles of ecological restoration and to develop the ability to solve problems related to degraded ecosystems.

3. Teaching Method

Students will learn primarily through the textbook, and will also use examples of successful ecological restoration.

4. Evaluation Method

Midterm 35%, Final 35%, Participation, attendance and reports 30%

5. Assignments

Restoration plan of ecological restoration of a real degraded ecosystem around us

6. Experiment, Practical Exercise

No Lab.

7. Related Courses

"Advanced Restoration Ecology" as a graduate course

8. Textbook

Book Title	Publisher	Author	Year	Textbook or not
Restoration Ecology	Jones & Barlett Learning	Greipsson	2011	교재
Foundations of Restoration Ecology	Island Press	Falk, Palmer and Zedler	2006	참고도서
Restoraion Ecology: The New Frontier	Blackwell Publishing	Andel and Aronson	2006	참고도서

9. Detailed Weekly Activities

Week	Date	Lecture Content	Reference Material	Remarks
1	2014-09-01 ~ 2014-09-07	Introduction	Chap 1	
2	2014-09-08 ~ 2014-09-14	Ecosystem Functioning	Chap 2	
3	2014-09-15 ~ 2014-09-21	Biodiversity	Chap 3	

Week	Date	Lecture Content	Reference Material	Remarks
4	2014-09-22 ~ 2014-09-28	Succession	Chap 4	
5	2014-09-29 ~ 2014-10-05	Assembly	Chap 5	
6	2014-10-06 ~ 2014-10-12	Landscape Ecology	Chap 6	
7	2014-10-13 ~ 2014-10-19	Invasive Species	Chap 7	
8	2014-10-20 ~ 2014-10-26	중간고사		
9	2014-10-27 ~ 2014-11-02	Soil	Chap 8	
10	2014-11-03 ~ 2014-11-09	Sand Dunes	Chap 9	
11	2014-11-10 ~ 2014-11-16	Mines and Polluted Sites	Chap 10	
12	2014-11-17 ~ 2014-11-23	Forest	Chap 11	
13	2014-11-24 ~ 2014-11-30	Endangered Animals	Chap 12	
14	2014-12-01 ~ 2014-12-07	Aquatic Ecosystems	Chap 13	
15	2014-12-08 ~ 2014-12-14	Management of Restoration Projects	Chap 14	
16	2014-12-15 ~ 2014-12-21	기말고사		