

SYLLABUS

1. COURSE DESCRIPTION

Degree:	Environmental Sciences
Course:	Bioremediation and Environmental Restoration
Module:	
Department:	Molecular Biology and Biochemical Engineering
Academic Year:	2017-18
Term:	Second
ECTS credits:	6
Year:	3rd year
Type:	Compulsory
Language:	Spanish

Course Model:	A1	
a. Basic learning (EB):		60 %
b. Practical learning (EPD):		40 %



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2. LECTURERS

Coordinator	
Name:	Francisco Eduardo Narbona Fernández
School:	Experimental Sciences
Department:	Molecular Biology and Biochemical Engineering
Area:	Botanics
Category:	Assistant/Hired Professor
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3. TOPICS

1. Bioremediation.
2. Polluting agents analysis.
3. Bioremediation strategies.
4. Bioremediation technologies in situ and ex situ.
5. Bioremediation in different ecosystems.
6. Phytoremediation.
7. Concepts related to restoration, rehabilitation, recovery and revegetation.
8. Ecological Restoration.
9. Restoration and rehabilitation of burned areas.
10. Recovery on the roads.
11. Recovery of open-pit operations.
12. Recovery and urban vegetation.
13. Reforestation of agricultural land.