Subject Area: Advanced Methods in Biotechnology and Biodiversity

Subject: Theoretical framework of forest restoration

Speciality: N/A Status: Facultative ECTS: 3
Department(s): Ecology Dept.

Form of teaching (Number of hours: Form of assessment: Exam or Credit)

<table>
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<tr>
<th>Lectures</th>
<th>Conversatoria</th>
<th>(Field labs) Practicals</th>
<th>Total</th>
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<td>2</td>
<td>0</td>
<td>28</td>
<td>30</td>
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Staff:
SUBJECT COORDINATOR: Anna Orczewska PhD
LECTURES: Anna Orczewska PhD
FIELD LABS: Anna Orczewska PhD

Contents:
LECTURES:
The aim of the module is to broaden the students’ knowledge on the ecological processes involved in the forest restoration, leading to the successful recovery of forest structure and biodiversity; to become familiar with forest restoration methods used in forest recovery projects around the world, with special emphasis on woodlands in temperate climate zone, to distinguish between economic and ecological indices of a successful forest restoration

FIELD LABS:
Detailed characteristics of the ecological processes involved in the course of forest recovery, discussions on forest recovery case studies described in literature
Field visit on forest recovery sites; direct observation and description of ongoing processing in the field

Methods and forms of teaching: Lectures illustrated by computer presentations, discussions on the ecological processes and mechanisms involved in the forest recovery (including students’ short presentation of a selected theoretical problem) ; development of skills of identification of theoretical and practical problems during the field visit (case-study analysis)

Requirements:
Knowledge of general ecology and botany

Literature:


Remarks (if necessary):