

General Information	
Academic subject	Principles of Applied Environmental Botany
Degree course	Primary Education Science
Curriculum	/
ECTS credits	6+1
Compulsory attendance	Only for the Laboratory
Language	Italian

Subject teacher	Name SURNAME	Mail address	SSD
	Robert Philipp WAGENSOMMER	robert.wagensommer@uniba.it	BIO/02
Reception hours	Monday h. 14:00-16:00 + Tuesday h. 14:00-16:00 Via E. Orabona 4, Department of Biology, Institute of Botany, room 9		

ECTS credits details		SSD	ECTS credits
Basic teaching activities	05/A1 - Botany	BIO/03	6+1

Class schedule	
Period	First Semester a.y. 2019/2020
Year	III
Type of class	Lectures + Laboratory

Time management	
Hours measured	1h = 60 min
In-class study hours	45 h Lectures + 10 h Laboratory
Out-of-class study hours	120 hours

Academic calendar	
Class begins	03 December 2019
Class ends	31 January 2020

Syllabus	
Prerequisite requirements	Basic naturalistic knowledge
Expected learning outcomes	<ul style="list-style-type: none"> • <i>Knowledge and understanding</i> Analytical knowledge in the field of biological disciplines, with interdisciplinary competence. • <i>Applying knowledge and understanding</i> Ability to elaborate the acquired knowledge and the realized experiences to prepare specific projects. • <i>Making informed judgements and choices</i> Ability to critically rethink in function of a professional competence of independent judgment in order to the particularity of educational situations. • <i>Communicating knowledge and understanding</i> Appreciable communication skills in the elaboration of the acquired competences. • <i>Capacities to continue learning</i> Possession of learning skills necessary to face the further acquisition of information and knowledge in relation to the evolution of the

	discipline.
Contents	<p>General information on plants</p> <p>History of life on Earth and evolution of plants</p> <p>Plant cell</p> <p>Systematics, Taxonomy and Nomenclature</p> <p>Concept of species</p> <p>Flora</p> <p>Raunkiaer plant life-forms</p> <p>Chorotypes</p> <p>Biodiversity of plants</p> <p>Conservation of nature</p> <p>Vegetation types</p>
Course program	
Bibliography	Rost T.L., Barbour M.G., Stocking R.C. & Murphy T.M., 2008. <i>Biologia delle piante</i> . Zanichelli, Bologna, 648 pp.
Notes	/
Teaching methods	Lectures (P.Point, blackboard), Laboratory activities
Assessment methods	Oral exam
Further information	/