



General information	
Academic subject	<i>Language skills (English) L-LIN/12</i>
Degree course	<i>Environmental Science (L32)</i>
Academic Year	
European Credit Transfer and Accumulation System (ECTS)	4
Language	<i>English</i>
Academic calendar (starting and ending date)	<i>II semester (February-june)</i>
Attendance	<i>Recommended attendance</i>

Professor/ Lecturer	
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Department and address	<i>Department of Chemistry, Via Orabona 4, Bari Italy</i>
Virtual headquarters	
Tutoring (time and day)	

Syllabus	
Learning Objectives	<i>Use the foreign language for communicative and operational purposes at a higher level - Enhancement of level B2 (Common European Framework of Reference) Mastering the foreign language to interact in various scientific fields relating to environmental issues Knowing how to read, interpret and write a scientific abstract in English</i>
Course prerequisites	<i>Knowledge of the English Language level B1, as recognised by the Common European Framework of reference for Languages; basic knowledge of Natural Sciences</i>
Contents	<i>English assessment test</i> <ul style="list-style-type: none">• <i>Grammar skills (B1/B2/C2)</i>• <i>Introduction to Scientific English</i>• <i>Scientific subjects:</i><ul style="list-style-type: none">✓ <i>Geology: basic terminology and scientific papers</i>✓ <i>The Mediterranean: non indigenous and indigenous species</i>✓ <i>Pollution: the impact of plastic pollution on marine life</i>✓ <i>Climate changes: EU laws and regulations</i>✓ <i>Reading and writing an abstract (scientific papers)</i>
Books and bibliography	<ul style="list-style-type: none">• <i>Murphy, English Grammar in use (a self-study reference practice book for intermediate learners of English), fifth edition, Cambridge</i>
Additional materials	<ul style="list-style-type: none">• <i>Lecture notes by the teacher and material taken from the main scientific journals online and on accredited sites</i>

		<ul style="list-style-type: none"> • <i>WordReference.com dizionario italiano-inglese;</i> • <i>https://dictionary.cambridge.org/</i> 	
Work schedule			
Total	Lectures	Hands on (Laboratory, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
Hours			
48	18	30	50
ECTS			
4	2	2	
Teaching strategy		<p><i>Various teaching methods will be used in order to facilitate learning:</i></p> <ul style="list-style-type: none"> • <i>Frontal lesson</i> • <i>Interactive lesson</i> • <i>Laboratory teaching</i> • <i>Problem solving</i> • <i>Flipped Classroom</i> • <i>Learning by doing</i> • <i>Cooperative Learning</i> • <i>Learning by discovery, by problems and by case study</i> • <i>Debate</i> • <i>Individual researches</i> 	
Expected learning outcomes			
Knowledge and understanding on:		<ul style="list-style-type: none"> • <i>Know and learn the written and spoken English language through the study and deepening of the main morphosyntactic structures with lectures and practical exercises. The Language Activities Laboratory also aims to provide the basis for understanding scientific English in order to be able to use the language in the specific area of competence</i> • <i>Know and learn scientific English in order to be able to use the language in the scientific field of competence</i> 	
Applying knowledge and understanding on:		<ul style="list-style-type: none"> • <i>Skills to read, understand and fluently present a scientific text in English</i> • <i>Skill to write an abstract in English</i> • <i>Skill to collect, process and analyse independently scientific data related to environmental systems in English</i> ○ 	
Soft skills		<ul style="list-style-type: none"> • <i>Making informed judgments and choices</i> <ul style="list-style-type: none"> ○ <i>Contextualization of environmental concerns subject, with interpretation and evaluation of collected, processed and analysed data in English</i> • <i>Communicating knowledge and understanding</i> <ul style="list-style-type: none"> ○ <i>Logical, articulated and autonomous exposition of information acquired with adequate linguistic properties.</i> • <i>Capacities to continue learning</i> <ul style="list-style-type: none"> ○ <i>Ability to integrate learn notions, instrumental methodologies and data processing from different bibliographic sources in English in order to acquire new skills</i> 	

Assessment and feedback	
Methods of assessment	<i>Written and oral test articulated on the entire program provided.</i>
Evaluation criteria	<ul style="list-style-type: none"> • <i>Knowledge and understanding</i> <ul style="list-style-type: none"> ○ Demonstrate knowledge of the theoretical and modelling aspects of the entire program provided. • <i>Applying knowledge and understanding</i> <ul style="list-style-type: none"> ○ Contextualization of the acquired knowledge ○ Assessment of multidisciplinary problem solving skills; ○ Instrumental, methodological processing adequacy. • <i>Autonomy of judgment</i> <ul style="list-style-type: none"> ○ At the end of the course, the student must be able to collect and interpret data useful for determining judgments autonomous, including reflection on scientific and social issues to them connected in English. • <i>Communication skills</i> <ul style="list-style-type: none"> ○ At the end of the course, the student must be able to organise the knowledge acquired in a logical, independent and inedited version in English • <i>Capacities to continue learning</i> <ul style="list-style-type: none"> ○ At the end of the course, the student must be able to use the skills developed to undertake subsequent studies independently
Criteria for assessment and attribution of the final mark	To obtain eligibility, the student must demonstrate to have acquired sufficient knowledge of the program topics by conferring in English, correctly using the grammatical and morphosyntactic structures learned and using an appropriate scientific language
Additional information	

Bari, 15 settembre 2021

Firma



(Prof. Ines Pepe)