


Teacher(s)	Halleux Ariane ;Meirlaen Sandrine coordinator ;Toubeau Anne-Julie coordinator ;
Language :	English
Place of the course	Louvain-la-Neuve
Prerequisites	To have passed LANGL1881 or reached the B1 level of the « Common European Framework of References for Languages » <i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	The studied themes are connected with current environmental issues and general scientific topics such as water shortage, earth summits, renewable energy, deforestation, etc.
Aims	<p>At the end of the course, the students should have developed the following skills:</p> <p>Reading comprehension</p> <ul style="list-style-type: none"> • Receptive skills necessary for writing their dissertation and other academic work. Students should be able to understand in detail both descriptive and argumentative texts concerning general scientific topics about bioengineering. <p>¹ Level B2-C1 of the « Common European Framework of References for Languages »</p> <p>Listening comprehension</p> <ul style="list-style-type: none"> • Receptive skills necessary for understanding television programmes (talks, lectures,') on scientific subjects oriented towards bioengineering.. <p>Level B1-B2 of the « Common European Framework of References for Languages »</p> <p>-----</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Evaluation methods	<ul style="list-style-type: none"> • Exemption test, of the same level as the final exam, at the start of the term (12/20 exempts students from course and exam) • Continuous assessment : vocabulary tests during the course of the term and e-learning exercises on the 'Moodle' platform. • Pronunciation test of frequent scientific and academic terms • Short group presentations • Active participation in class • Written exam on reading and listening skills
Teaching methods	<ul style="list-style-type: none"> • The teaching methods used will encourage the active and interactive participation of the students. The first step, which is crucial, is the preparation of reading activities which will be dealt with more fully in the following lesson: students receive precise instructions on how to work either individually or in groups, on a series of problems which will enable them to discover, for instance, certain lexical or grammatical aspects of texts. Afterwards, during the lesson, the students are expected to comment on the different problems they encountered, and the conclusions they came to. • Systematic development of reading strategies. • Discourse cohesion, recurrent grammatical structures and additional lexical and grammatical difficulties • Listening comprehension : various language laboratory exercises to ensure a thorough understanding of the message. • Short oral presentations in groups.
Content	<ul style="list-style-type: none"> • Reading comprehension: portfolio of articles and abstracts from the New Scientist, Scientific American, textbooks, ... etc • Listening comprehension : set of authentic television programmes on scientific topics • Phonetics and pronunciation exercises • Introductory speaking skills : short oral presentations
Inline resources	http://moodleucl.uclouvain.be/course/view.php?id=115

Bibliography	> Syllabus
Faculty or entity in charge	ILV

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Bioengineering	BIR1BA	2	LANGL1881	
Master [120] in Environmental Science and Management	ENVI2M	2		