Université Grenoble Alpes L2 English: reading and listening comprehension of scientific texts, audio documents ANG 3 ANG 4 (semester 3 and semester 4)

English: reading and listening comprehension of scientific texts

Introductory research skills, problem solving, critical thinking, communication skills for science, technology and engineering

3 credits 30 hours per year (15 per semester)

Coordinator	Erin Cross
Language	English All lessons and assessments are in English
Location of classes	DLST, Building E 3rd floor – see ADE
Prerequisites Obligatory	None It is preferable to have reached the B1 level of the * Common European Framework of References for Languages in L1 or before. English classes are obligatory for all L2 students.
Main themes – An ESP* course for all L2 students, all programs in common ESP* – English for Scientific Purposes – not a general English course	The main themes dealt with in the lessons, texts and videos are closely related to the courses of the students' majors (biology, chemistry, mathematics, physics, Earth sciences, computer science, and engineering).
Aims	At the end of the one-year course, the students should have developed the following skills: **Reading comprehension** - A reading comprehension course aimed at equipping students with the receptive skills necessary for their course, exam preparation and other academic and/or professional work. Students should be able to understand in detail both descriptive and argumentative texts concerning general scientific topics. Level B2-C1 of the CEFRL **Listening comprehension** - A listening comprehension course aimed at equipping students with the receptive skills necessary for understanding talks, lectures and interviews on scientific subjects. Level B1-B2 of the CEFRL **Vocabulary** A course aimed at growing and strengthening the scientific Vocabulary available to students. **Research and communications** A course aimed at enabling undergraduate students to select research materials and sites and present a clear, coherent body of work to peers.
Evaluation methods	Level test at the beginning of L1 or L2 for new students. This allows a basic level-sifting and harmonizing of groups. SELF test. C2 score allows students to join the Science Communication Group at this point if desired. A1-A2 students participate in classes with the cohort, but have access to extra help (dedicated online platform, one-on-one tutors) See below* Continuous assessment: vocabulary, listening and reading tests during the term and on Moodle (e-learning platform) Written exam on reading and vocabulary (language use) skills

Teaching methods	The teaching methods used will encourage the active and interactive participation of the students. The first step, which is crucial, is the preparation of 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 exercises based on authentic documents to ensure a thorough understanding of the message.
Short oral presentations in small groups. Graph analysis Interview	Content Present a graph, expressing trends, main elements, analysis of cause/effect in a seminar • Produce a portfolio of articles from a range of English-language journals, magazines, websites like the New Scientist, Nature, etc. and respected media sites oriented towards the students' fields of study (biology, chemistry, computer science, mathematics, physics and earth sciences). Production of a bibliography (MLA style) •YouTube video series, television programs, podcasts on scientific subjects Participate in an interview as both interviewer and subject. Presentation of year's research topic – subject of interview Preparation of an interview, perfecting question forms for fact, opinion, analysis, illustration, extension, examples - interviewer
Moodle platform	– a series of lessons are presented on this learning platform as well as a section for each teacher to deposit lessons, information and exercises for each of their groups. *For students with a low level – students who are tested as A1 or A2 on the SELF test are directed towards the online programs Lift Off, Breakthrough and Momentum. As well, a team of student tutors are available in a dedicated room on the 3rd floor every day, all day, for the students to work with.
Tutors	all students (L1 – M2) are invited to work with the tutors on areas they wish to improve. This could be writing skills, pronunciation, conversation and so forth.
Higher level/Bilingual students	English is a core subject for all programs and all students in L2 should follow English skills development classes. A specific group, the Science Communication Group, runs every semester for native-speaker and bilingual students.(C2 only).
CEFRL	See Council of Europe website
Contact	Erin.cross@univ-grenoble-alpes.fr