Main course information	
Academic Subject	"Effective Writing in English for Science"
Degree Course	Master's Degree in Natural and Environmental Sciences
Degree Class	LM/60 & LM/75
ECTS Credits (CFU)	3
Attendance	Compulsory
Teaching Language	English
Academic Year	2020/2021

Professor/Lecturer	
Name & Surname	Victoria Sportelli
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Tutorial Place/Day/Time	Lecturer's Office, Palazzo delle Aule, II floor Tuesdays 9-10:30, or other days and times upon appointment

Course Details	Language Studies Pass-Fail Exam	SSD code L-LIN/12	Class Type Lectures

Course Period	Year	Semester
	I & II	I

Lesson Type	CFU/ECTS	Lecture Hours	CFU/ECTS Laboratory	Lab Hours	CFU/ECTS tutorial/workshop	tutorial/work-shop hours	CFU/ECTS field trip	Field trip hours
	3	24	0	0	0	0	0	0

Time Management	Total hours	Teaching hours	Self-study hours
	75	24	51

Academic calendar	First lesson	Last lesson
	1/10/2020	31/1/2021

Syllabus	
Course entry requirements	CEFR B2 Students should have a B2 English language level knowledge as recognized by the Common Framework of Reference for Languages and/or have passed the English course in the Bachelor degree course. This knowledge level will be ascertained via an entrance test.

Expected learning outcomes(according to Dublin Descriptors) (it is recommended that they are congruent with the learning outcomes contained in A4a, A4b, A4c tables of the SUA-CdS)

Knowledge and understanding	Firm knowledge of the grammar, functions, structures, skills and written and oral exposition strategies of the English language in the scientific discourse.
Ability to apply knowledge and understanding	Acquisition of ability to apply the various linguistic functions, structures, and exhibition strategies within the technical scientific language discourse.
Making infermed judgements and choices	Autonomy in the ability to understand and present both written and oral in English, the scientific concepts related to the sciences of nature, and to interact effectively in the specific disciplinary field.
Communication knowledge and understanding	Necessary skills for presenting the knowledge acquired using the language structures, style, vocabulary, and terminology appropriate to the scientific discourse.
Capacities to countinue learning	Ability to independently extend the knowledge acquired through the reading and understanding of scientific texts, and writing of scientific phenomena, experiments, articles, theses, dissertations.

Syllabus	
Course Content	Analysis of linguistic, grammatical, functional, morphological, lexical, phonetic, syntactic, semantic, and rhetorical structures of the technical scientific English language. Exposition strategies of scientific discourse. Reading and discussion of authentic scientific texts. Written elaborations on scientific topics of student's degree thesis or a related topic following the IMRAD organization (Writing: Research Project Proposal; Abstract; Introduction; Materials and Methods; Results; Discussion; Conclusions) Preparation and presentation of a powerpoint presentation
Course Books/Bibliography	Macmillan English Grammar in Context- Advanced - With Key. Macmillan Publishers, Oxford (2008). Handouts (Instructor) Internet Links (Instructor)
Notes	Texts used by the instructor during the lessons are available to students for consultation.
Teaching Methods	Lectures and in-class exercises with the aid of slides, audio recordings, videos, internet, and grammar exercises to be completed at home.
Assessment Methods	Periodic Testing Written assignments Grammar exercises Written examination Oral examination The final assessment will take into account the results of any tests and / or written documents produced during the course, grammar exercises completed at home, final written test/exam, and oral exam all in English. Students will be required to present a ppt presentation of their BSc thesis or related topic, and discuss authentic scientific texts proposed during the course, using the appropriate academic-scientific language. Assiduous and pro-active participation during the course will contribute to a very positive evaluation. The final evaluation will be expressed as a "Pass/Fail"score.
Evaluation Criteria	*Knowledge and understanding* Students will demonstrate their language knowledge of the fundamentals of Scientific English, using it to write and speak about scientific articles, publications, theses. *Ability to apply knowledge and understanding* Students will apply the scientific / academic topics and readings addressed as well as demonstrate the ability to apply linguistic knowledge in realia and scientific contexts. Students who have acquired these skills both during the written and oral exam will obtain a very positive evaluation of the overall exam and final course score. *Autonomy of judgment* During the exam, students must be able to discuss in English their thesis/dissertation as well as scientific concepts acquired during the course. This ability will lead to a very positive evaluation of the overall exam. *Communicating knowledge and understanding* The ability to clearly express concepts and formulate interpretations using the scientific terminology acquired during the course will be very positively evaluated. Students will need to apply the acquired knowledge in informative or didactic contexts. Presentation of these skills, together with a good command of the English language and of the scientific lexicon, will produce an excellent final result.

	Capacities to continue learning Students must be able to independently acquire further knowledge on the basis of an autonomous grammar preparation provided through exercises completed at home. They must demonstrate knowledge of the fundamentals of writing and speaking the English language in the scientific discourse. The exams aim to verify the objectives set out, the level of English knowledge, the ability to apply the topics studied in the course as well as to interpret and discuss scientific topics developed by the individual student.