

# Syllabus

## *Course Description*

<b>Course Title</b>	Advanced English for Scientific Communication
<b>Course Code</b>	73080
<b>Course Title Additional</b>	
<b>Scientific-Disciplinary Sector</b>	ANGL-01/C
<b>Language</b>	English
<b>Degree Course</b>	Master in Computing for Data Science
<b>Other Degree Courses (Loaned)</b>	
<b>Lecturers</b>	Dr. Jemma F. Prior, Jemma.Prior@unibz.it <a href="https://www.unibz.it/en/faculties/engineering/academic-staff/person/564">https://www.unibz.it/en/faculties/engineering/academic-staff/person/564</a>
<b>Teaching Assistant</b>	
<b>Semester</b>	Second semester
<b>Course Year/s</b>	2
<b>CP</b>	6
<b>Teaching Hours</b>	40
<b>Lab Hours</b>	0
<b>Individual Study Hours</b>	110
<b>Planned Office Hours</b>	
<b>Contents Summary</b>	<ul style="list-style-type: none"><li>- Writing skills: improvement of academic and scientific written skills through the practice and production of subject-specific texts;</li><li>- Spoken skills: improvement of spoken interaction and production through the practice and production of academically and professionally acceptable presentations and other domain-specific speaking activities;</li><li>- Development of receptive skills through the exposure to and analysis of various types of written and spoken discourse typical of master's studies in Computer Science</li><li>- Development of grammatical and lexical range and accuracy so that communication is fluent and spontaneous.</li></ul>

<b>Course Topics</b>	<ul style="list-style-type: none"> <li>¿ Writing skills: improvement of academic and scientific written skills through the practice and production of subject-specific texts;</li> <li>¿ Spoken skills: improvement of spoken interaction and production through the practice and production of academically and professionally acceptable presentations and other domain-specific speaking activities;</li> <li>¿ Development of receptive skills through the exposure to and analysis of various types of written and spoken discourse typical of master's studies in Computer Science</li> <li>¿ Development of grammatical and lexical range and accuracy so that communication is fluent and spontaneous</li> </ul>
<b>Keywords</b>	Scientific writing, speaking, language appropriateness
<b>Recommended Prerequisites</b>	
<b>Propaedeutic Courses</b>	
<b>Teaching Format</b>	<p>Teaching format is based on the seminar format which envisages teacher and student co-operation and participation in the classroom through individual, pair and group work.</p> <p>Any student who has specific learning needs that they feel may have an impact on their ability to benefit fully from this course will be offered individual support on request.</p>
<b>Mandatory Attendance</b>	Attendance is not compulsory, but non-attending students have to contact the lecturer at the start of the course to agree on how independent study will be organised.
<b>Specific Educational Objectives and Learning Outcomes</b>	<p>The course belongs to the type "ulteriori attività formative – ulteriori conoscenze linguistiche" in the curricula "Data Analytics" and "Data Management".</p> <p>This specifically designed course aims to develop students' proficiency in using academic English for their master's studies at the C1 level and above.</p> <p>It covers some of the main areas of scientific and academic communication that master students will encounter to assist them in the linguistic aspects of their research.</p> <p>Specific educational objectives include the following:</p> <ul style="list-style-type: none"> <li>• to improve academic and scientific written skills through practice of subject-specific texts;</li> <li>• to improve spoken interaction and production through the practice and production of academic scientific presentations and</li> </ul>

	<p>discussions;</p> <ul style="list-style-type: none"> <li>• to improve receptive skills through the exposure to and analysis of various types of written and spoken discourse;</li> <li>• to develop grammatical and lexical range and accuracy so that communication has a good degree of spontaneity and fluency.</li> </ul> <p><b>Knowledge and understanding:</b></p> <p>Knowledge of advanced grammatical structures and subject-specific academic and professional lexis at the C1 level, understanding of authentic (general and subject-specific) longer spoken and written texts including specialised texts and other texts produced for various purposes and representing different varieties of English, as well as different registers and styles.</p> <p><b>Applying knowledge and understanding:</b></p> <p>Producing specific academic texts related to the field of research providing opinions and accounting for the views presented.</p> <p>Presenting clear descriptions, analysis and evaluation of specific fields, developing points and formulating opinions in written and oral texts.</p> <p><b>Making judgments:</b></p> <p>Integrating knowledge and understanding acquired in the course with knowledge and understanding from other courses to achieve academic and professional purposes within the fields of the master design course followed.</p> <p><b>Communication skills:</b></p> <ul style="list-style-type: none"> <li>• D4.1 - Ability to use English at an advanced level with particular reference to disciplinary terminology</li> <li>• D4.2 - Ability to present one's work in a clear and comprehensible way in front of an audience, including non-specialists</li> <li>• D4.3 - Ability to structure and draft scientific and technical documentation.</li> </ul> <p><b>Learning skills:</b></p> <p>Ability to pursue autonomous learning based on the input provided in the classes and lectures and the feedback received.</p>
<b>Specific Educational Objectives and Learning Outcomes (additional info.)</b>	
<b>Assessment</b>	This is a pass/fail exam.

	<p>Written exam: tests to verify ability to use the specialised language covered in the course; writing production task of approx. 350 words based on subject-specific input and specific requirements of the master studies;</p> <p>Portfolio: a 500-word report on the student's research for their Master thesis</p> <p>Oral exam: presentation of same research topic that was the focus of the Portfolio and related Q&amp;A session demonstrating an advanced command of both spoken production and interaction.</p> <p>The assessment criteria are the same for non-attending students.</p>
<b>Evaluation Criteria</b>	<p>40% written exam, 30% oral exam, 30% Portfolio.</p> <p>The written examination must be passed (min. 60%) and the Portfolio must have been submitted according to the submission criteria in order to be admitted to the oral exam.</p> <p>Further details concerning the exam procedure will be provided during the course and online in the OLE for this course.</p>
<b>Required Readings</b>	<p>Graff, Gerald &amp; Cathy Birkenstein. 2006. <i>They say, I say: the moves that matter in academic writing</i>. New York: W.W. Norton &amp; Co.</p> <p>Bailey, Stephen. 2015. <i>Academic Writing: A handbook for International Students</i>. London: Routledge.</p> <p>Vince, M. 2003. <i>Advanced Language Practice Oxford</i>: Macmillan. or any other student's grammar at the B2 level or above.</p> <p>Subject Librarian: David Gebhardi, <a href="mailto:David.Gebhardi@unibz.it">David.Gebhardi@unibz.it</a></p>
<b>Supplementary Readings</b>	Other texts from English-language scientific journals and publications will be provided by the lecturer and will be available in the OLE for the course.
<b>Further Information</b>	
<b>Sustainable Development Goals (SDGs)</b>	Quality education