

## SCIENTIFIC english I (AB000006)

### 1. language

English

### 2. course contents

Coordinator: Prof. Silini Antonietta Rosa

Year Course: 1° Year

Semester: 2° Semester

UFC: 2

Modules and lecturers:

- SCIENTIFIC ENGLISH (AB000051) - 2 UFC - SSD L-LIN/12

Prof. Silini Antonietta Rosa

### 3. BIBLIOGRAPHY

*Suggested reading: "Scientific Writing and Communication, 4th edition" by Angelika H Hofmann, Oxford University Press*

*"Medical and Scientific English" Jacopo D'Andria Ursoleo and Kate Gralton, Pearson*

*Articles downloaded from the Internet, videos (Youtube, TED Talks), and journal/magazine articles (e.g. Scientific American) will also be used and will be provided to the students.*

### 4. LEARNING OBJECTIVES

*Knowledge and understanding*

*know and understand the meaning and use of medical-scientific vocabulary*

*understand complex listening and comprehension passages*

*Applying knowledge and understanding*

*demonstrate understanding by analyzing medical-scientific texts*

*explain in one's own words a disease, a technique and/or procedure/protocol*

*describe data (graphs, figures, tables)*

*write summaries and/or scientific abstracts*

*Making judgments*

*ability to integrate knowledge and handle complexity, and formulate judgements*

*Communication skills*

*development of writing and verbal skills in order to communicate information, ideas, problems, solutions in English, to both peers and supervisors*

*Learning skills*

*development of skills which will allow the student to be continuously updated through scientific literature and to thrive and pursue higher education courses in English with a high degree of autonomy*

### 5. prerequisiteS

*English level of B2 (CEFR)*

### 6. TEACHING METHODS

*The teaching module will consist of 16 hours of in-class lectures (2 credits).*

*The following teaching methods will be adopted:*

*Lectures and interactive (in pairs or small groups) teaching, students will be asked to complete vocabulary exercises, listening and comprehension exercises (both written and oral), analyses of*

scientific texts, abstract writing and graph/chart descriptions.

## 7. OTHER INFORMATIONS

To request an appointment, please contact:

Antonietta Rosa Silini: [antonietta.silini@poliambulanza.it](mailto:antonietta.silini@poliambulanza.it)

Lecturers may send communications to the class via email and/or via the BlackBoard platform.

### **NOTE ON STUDENTS' RESPONSIBILITY**

The responsibility for learning falls increasingly on students, as they advance through the course; hence, ultimately, the commitment and the dedication to learn must come from them.

As members of the Università Cattolica S. Cuore learning community, students are expected to respect the intellectual property of course instructors. All course materials presented to students are the copyrighted property of the course instructors and are subject to the following conditions of use:

- 1) Students may not record nor reproduce lectures or any other classroom activities, unless differently specified by the instructor; however, they may use the recordings for their own course-related purposes only.
- 2) Students may not reproduce and/or post any course material provided by the instructors online or distribute them without the advance written permission of the course instructor and, if applicable, of any students whose voice or image is included in the recordings.
- 3) Any students violating the conditions described above may face academic disciplinary sanctions. As members of a learning community, students are expected to respect the time and efforts of their fellow classmates. Therefore, the use of social media and other electronic distractions that can disrupt the concentration of other students in the classroom is NOT allowed.

### **NOTE ON ACADEMIC INTEGRITY AND CHEATING POLICY**

The principles of truth and honesty are fundamental to the educational process and the academic integrity of the University. All students have a right to expect fair and honest evaluation of their work. **CHEATING UNDERMINES THIS EXPECTATION AND WILL NOT BE TOLERATED.**

Students must avoid the following misconduct behaviors that are considered as cheating:

DO NOT exchange ID badges to collect presence among classmates who cannot attend a lecture.

DO NOT share answers of quizzes during exams.

Any student found by the instructors to be cheating will receive a failing grade for the exam or other graded work, and will be reported to the Course's Coordinator and Instructors' Committee. The instructors may, at their discretion, decide to give a failing grade for the course in severe cases of academic dishonesty.

## 8. learning verification methods

The final exam will consist of 3 parts (30 points total) and the student must obtain at least 18/30 points to pass the exam.

1. Initial written assessment test where students are asked to briefly summarize a scientific article (5 points)
2. Write an abstract based on the hypothesis, materials and methods, experimental results, and discussion (15 points)
3. Describe a series of graphs/figures (oral) (10 points)

## 9. program

### **Scientific English I**

- Review of key scientific vocabulary (nouns, verbs, adjectives, adverbs) and grammar (verb tenses, word order, conciseness)
- Review of expressions used to quantify and describe scientific phenomena

- *Describe problems, processes, procedures*
- *Describe and interpret results*
- *Make summaries and conclusions*
- *Argumentation*