



BSc in Radiology, Diagnostic Imaging and Radiotherapy Techniques

COURSE TITLE: SCIENTIFIC ENGLISH

NUMBER OF CFU (ECTS credits): 3

SSD (Academic Discipline Code): ANGL-01/C (ex L-LIN/12)

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PREREQUISITE COURSES

None.

PREREQUISITES

A B1 level of English or higher according to the Common European Framework of Reference for Languages (CEFR) is recommended in order to engage effectively with the course content.

LEARNING OBJECTIVES

The course aims to consolidate students' general English language skills up to B2-B2+ level and to provide them with the language knowledge and skills required to use English in medical and radiological contexts. In particular, the course aims to develop students' knowledge of the main morphosyntactic, lexical and phonetic features of English for medicine and radiology, as well as the communication skills required to interact effectively in English with patients and colleagues. Lectures, interactive activities and the analysis of specialised texts will contribute to the integrated development of the language and communication skills targeted by the course.

EXPECTED LEARNING OUTCOMES

By the end of the course, students will have consolidated their general English language skills and will be able to understand and use the main morphosyntactic, lexical and phonetic features of English for medicine and radiology, applying them to language comprehension and production in contexts relevant to their future professional practice..

DD1: Knowledge and understanding

Students will demonstrate knowledge and understanding of the morphosyntactic and lexical structures of English covered in the syllabus, consolidating their language skills up to B2-B2+ level. They will also understand the main linguistic features of English for healthcare professions and, in particular, radiology, recognising its core vocabulary and phraseological structures.

DD2: Applying knowledge and understanding

Students will be able to apply the language knowledge and skills acquired to the comprehension and production of written and spoken texts in English, with particular reference to medical and radiological contexts. They will also be able to use the main morphosyntactic, lexical and phraseological structures covered during the course appropriately in communicative situations relevant to their future professional practice.

DD3: Making judgements

Students will be able to independently analyse and interpret English-language texts and communicative situations relevant to medical and radiological contexts, evaluating the linguistic and communicative choices most appropriate to different situations. This ability will be developed through the analysis of specialised texts, discussions, and individual and group activities.

DD4: Communication skills

Students will be able to communicate clearly and appropriately in English, both in writing and orally, using the vocabulary and language structures relevant to medical and radiological contexts. They will also be able to understand specialised written texts and spoken interactions and to communicate effectively in professional situations, with particular reference to interaction with patients and colleagues.

DD5: Learning skills

Students will be able to continue developing and improving their English language skills independently, with particular reference to medical and radiological contexts. They will also be able to recognise and correct recurring language errors, independently expand their specialised vocabulary, and use the skills acquired to access and understand scientific literature in English and to meet future professional development needs.

COURSE SYLLABUS

The course includes the consolidation of intermediate and upper-intermediate English grammar structures and the development of vocabulary, phraseology, and the main communicative situations relevant to medical and radiological contexts. Specialised texts and materials relating to diagnostic imaging and professional practice will also be analysed in order to examine the use of language structures and specialised vocabulary in context. Particular attention will also be paid to pronunciation, with specific reference to word stress and sentence stress.

Topics covered include:

- Health and illness
- Parts of the body
- Hospital departments, healthcare professionals and hospital activities
- Physical examination; basic investigations; blood tests
- Diagnostic imaging: X-rays and CT; MRI and ultrasound
- Radiology terminology and communication in diagnostic imaging contexts
- Symptoms and signs; describing attitudes and behaviour; pain; injuries
- Making polite requests to patients; giving instructions; explaining procedures and side effects; reassuring patients and making suggestions; use of imperatives
- The noun phrase
- Relative clauses
- Overview of the tense system, especially in relation to its use in medical contexts: present simple and continuous; past simple and continuous; past perfect; present perfect and present perfect continuous
- Passive structures
- Compounds and the genitive
- Future continuous; future in the past; other forms expressing future time; reassuring patients and explaining procedures using future tenses
- Modifiers and quantifiers
- Presenting data; describing trends
- Reading and understanding scientific and professional texts related to medicine and radiology
- Word stress and sentence stress in oral communication and presentations.

COURSE STRUCTURE

The course is delivered in person for a total of 30 hours. Teaching combines lectures, primarily devoted to the presentation and consolidation of morphosyntactic, lexical and phonetic features of English, with interactive activities and exercises aimed at developing written and oral comprehension and production skills. Particular attention will be paid to the analysis of specialised texts and communicative situations relevant to medical and radiological contexts. Teaching activities may include multimedia materials and digital resources made available by the lecturer on the University platform. Attendance is compulsory for at least 75% of the scheduled hours, in accordance with the regulations of the Degree Programme.

COURSE GRADE DETERMINATION

The examination consists of a written test lasting approximately 90 minutes, comprising exercises designed to assess students' knowledge and ability to apply the morphosyntactic, lexical and phraseological structures covered during the course, including those specific to English for medicine and radiology. The test also assesses students' ability to understand and use English appropriately in the communicative contexts covered in the syllabus.

The examination result is expressed as **PASS/FAIL**. A PASS is awarded when the student demonstrates an overall adequate knowledge of the course content and the ability to use general and specialised vocabulary and language structures appropriately in the contexts presented.

Assessment will take into account grammatical accuracy, command of general and specialised vocabulary, the ability to recognise and appropriately apply the language structures covered during the course, and comprehension of the medical and radiological communicative contexts presented.

Dictionaries, textbooks, notes or other reference materials may not be used during the examination. Examination results will be published on the University platform.

Students with disabilities and with specific learning disorders (SLD): in accordance with current legislation and with the guidance of the University's inclusion services, students with certified disabilities or specific learning disorders are entitled to the compensatory tools and measures provided for (e.g. additional time, concept maps). Adaptations of the examination are agreed between the lecturer, the student and the competent office, without prejudice to the equivalence of the learning outcomes assessed.

OPTIONAL ACTIVITIES

None.

RECOMMENDED BOOKS

Reference books:

- Murphy, Raymond, *English Grammar in Use*, Cambridge, Cambridge University Press, 2012 or later editions.
- Glendinning, Eric H.; Howard, Ron, *Professional English in Use: Medicine*, Cambridge, Cambridge University Press, 2007.
- McCarter, Sam, *Oxford English for Careers: Medicine – Student's Book*, Oxford, Oxford University Press, 2009 or later editions.

The books listed above are intended as reference materials and students are not required to purchase them. Teaching materials and exercises will be provided by the lecturer and made available on the University platform. The examination will be based exclusively on the content and materials covered during the course.