English version at the end of this document

Ano Letivo	2022-23
Unidade Curricular	INTRODUÇÃO À ESCRITA CIENTÍFICA EM CIÊNCIAS DA VIDA
Cursos	CIÊNCIAS BIOMÉDICAS (3.º Ciclo) (*) (*) Curso onde a unidade curricular é opcional
Unidade Orgânica	Faculdade de Medicina e Ciências Biomédicas
Código da Unidade Curricular	19191017
Área Científica	
Sigla	
Código CNAEF (3 dígitos)	422
Contributo para os Objetivos de Desenvolvimento Sustentável - ODS (Indicar até 3 objetivos)	4, 14
Línguas de Aprendizagem	Inglês

Modalidade de ensino

Blended online / presencial

Docente Responsável

Maria Ester Tavares Álvares Serrão

DOCENTE	TIPO DE AULA	TURMAS	TOTAL HORAS DE CONTACTO (*)

* Para turmas lecionadas conjuntamente, apenas é contabilizada a carga horária de uma delas.

ANO	PERÍODO DE FUNCIONAMENTO*	HORAS DE CONTACTO	HORAS TOTAIS DE TRABALHO	ECTS
2º,1º	A	10T; 15TP	78	3

* A-Anual;S-Semestral;Q-Quadrimestral;T-Trimestral

Precedências

Sem precedências

Conhecimentos Prévios recomendados

língua inglesa

Objetivos de aprendizagem (conhecimentos, aptidões e competências)

Esta UC tem por objetivo o treino da escrita e revisa¿o cri¿tica de artigos cienti¿ficos.

Conteúdos programáticos

Etapas da escrita de um artigo cienti¿fico. Questo¿es. Planeamento. O ti¿tulo. O resumo. Como rever e citar literatura. A introduc¿a¿o e objetivos. A metodologia. Os resultados. A discussa¿o. Artigos de revisa¿o. A escolha da revista e a submissa¿o. Respostas aos revisores. Treino de revisa¿o cri¿tica cienti¿fica de artigos.

Metodologias de ensino (avaliação incluída)

Aulas teo¿ricas ilustradas com exemplos reais de ana¿lise artigos publicados e aulas

pra¿ticas aplicando os conhecimentos adquiridos.

Avaliac¿a¿o:

- exame

Bibliografia principal

para consulta de apoio a¿s aulas:

Day RA & Gastel B (2017) How to write and publish a scientific paper. 8th ed. Cambridge University Press, Cambridge, UK.

Day RA, Sakaduski N (2011) Scientific English. A Guide for Scientists and Other Professionals. 3rd edition. Greenwood, ABC-CLIO, CA.

Hoffmann AH (2019) Scientific writing and communication. 4th edition. Oxford University Press, NY.

Matthews JR, Matthews RW (2015) Successful scientific writing: a step-by-step guide for the biological and medical sciences. 4th edition. Cambridge University Press. Cambridge, UK.

Zeiger M (1999) Essentials of Writing Biomedical Research Papers. Second Edition 2nd Edition. McGraw-Hill Education / Medical, 1999

Academic Year	2022-23
Course unit	
Courses	BIOMEDICAL SCIENCES (*) Common Branch (*) Optional course unit for this course
Faculty / School	
Main Scientific Area	
Acronym	
CNAEF code (3 digits)	422
Contribution to Sustainable Development Goals - SGD (Designate up to 3 objectives)	4, 14
Language of instruction	english
Teaching/Learning modality	blended online / in-class

Coordinating teacher Maria Ester Tavares Álvares Serrão

Teaching staff	Type	Classes	Hours (*)

* For classes taught jointly, it is only accounted the workload of one.

Contact hours

T	TP	PL	TC	S	E	OT	O	Total
10	15	0	0	0	0	0	0	78

T - Theoretical; TP - Theoretical and practical ; PL - Practical and laboratorial; TC - Field Work; S - Seminar; E - Training; OT - Tutorial; O - Other

Pre-requisites

no pre-requisites

Prior knowledge and skills

english language

The students intended learning outcomes (knowledge, skills and competences)

This course aims to train the planning, writing and critical analysis of scientific papers. The graduate students will understand the principles of writing scientific papers, submission, dealing with reviewers comments. Training in critically assessing papers will develop skills to act as scientific referee.

Syllabus

The planning of a paper outline. Focus on the question. The language style. The title.¿The abstract.¿The introduction.¿The materials and methods. The results.¿The discussion.¿Review papers, book chapters. Scientific English issues. The submission. Addressing reviewers? comments.

Teaching methodologies (including evaluation)

Lectures, practical writing assignments and critical analyses.

Students work on scientific papers available as published literature and develop a

to their own papers. Evaluation: Exam

Main Bibliography

supporting literature:

Day RA & Gastel B (2017) How to write and publish a scientific paper. 8th ed. Cambridge University Press, Cambridge, UK.

Day RA, Sakaduski N (2011) Scientific English. A Guide for Scientists and Other Professionals. 3rd edition. Greenwood, ABC-CLIO, CA.

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