Seminars: Emerging Issues

Academic Year: (2022 / 2023) **Review date: 01-07-2021**

Department assigned to the subject: Computer Science and Engineering Department

Coordinating teacher: DIAZ PEREZ, MARIA PALOMA

Type: Compulsory ECTS Credits : 6.0

Year : 1 Semester : 0

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

No previous requirement is needed.

OBJECTIVES

1. Basic skills:
a. Knowledge and understanding that provide a basis or opportunity for originality in developing and / or applying ideas, often in a research context.
b. That students are able to integrate knowledge and handle complexity, and formulate judgments based on information that was incomplete or limited, includes reflections on social and ethical responsibilities linked to the application of their knowledge and judgments.
c. Students must possess the learning skills that enable them to continue studying in a way that will be largely self-directed or autonomous

2. General skills:
a. Ability to apply the acquired knowledge and to solve problems in new or unfamiliar environments within broader and multidisciplinary contexts, to be able to integrate this knowledge.
b. Ability to adequately and with some originality elaborate compositions written or reasoned arguments, drafting plans, work projects or scientific articles formulate reasonable assumptions.

3. Specific skills:
a. Critical capacity of scientists in the field of Computer Engineering technical documents and analysis.
b. Knowing the meaning of scientific research.

Learning outcomes acquired by the student:
to. Gain knowledge of research work not covered in the subjects.
b. Capacity for critical analysis of the rapporteur's proposals.
c. Ability to continue studying autonomously.

DESCRIPTION OF CONTENTS: PROGRAMME

Throughout the course several seminars, taught by professors from other institutions, in which the speaker will present a specific research topic, related to the various subjects offered in the Master, will be offered.

LEARNING ACTIVITIES AND METHODOLOGY

The purpose of this course is to offer students a series of lecture-seminars aimed at fostering the curiosity of our students, making them think about current, controversial, pioneering, etc. topics.
Between 3 and 6 seminars are offered throughout the academic year, for a total of 6 credits.
Students attend these seminars and, as explained above, they must complete a critical paper that is submitted to the subject coordinator for grading.
On the following page you can access the seminars held in previous years and those to be held in the current academic year.

Seminars 2020-2021 https://www.uc3m.es/master/ciencia-tecnologia-informatica/seminarios-2020
Seminars 2019-2020 https://www.uc3m.es/master/ciencia-tecnologia-informatica/seminarios-2019
Seminars 2018-2019 https://www.uc3m.es/master/ciencia-tecnologia-informatica/seminarios-2018
Seminars 2017-2018 https://www.uc3m.es/master/ciencia-tecnologia-informatica/seminarios-2017
Seminars 2016-2017 https://www.uc3m.es/master/ciencia-tecnologia-informatica/seminarios-2016
Seminars 2015-2016 http://www.uc3m.es/ss/Satellite/Postgrado/es/TextoMixta/1371215769097/
Seminars 2014-2015 http://www.uc3m.es/ss/Satellite/Postgrado/es/TextoMixta/1371209975429/

ASSESSMENT SYSTEM

The student must choose from the seminars offered, who will attend for a minimum of 4 credits seminars 6 credits offered. Each of the chosen seminar, must attend 100% of the sessions, and must present the corresponding document of 1000-1500 words containing the summary and synthesis of the seminar, and conclusions and personal reflection on it.

Either for lack of attendance at the seminar or lack thereof summary the student will not be qualified at the seminar. Only in exceptional cases with the corresponding proof it shall be taken into account the lack of student attendance.

He will be responsible for each seminar in charge of counting the attendance of students and qualify the summary presented, may be obtained at each seminar a maximum grade is calculated as follows:

maximum score per seminar = ((seminar-credits) * 10) / 6.

Each seminar will be evaluated independently. And the subject note of the seminars will be the sum of the marks obtained in each of the seminars has been submitted.

% end-of-term-examination:	100
% of continuous assessment (assigments, laboratory, practicals…):	0

BASIC BIBLIOGRAPHY

- Angelika Hofmann Scientific Writing and Communication: Papers, Proposals, and Presentations, Oxford Univ Press, 2016

- Margaret Cargill and Patrick O'Connor Writing Scientific Research Articles: Strategy and Steps, Wiley, 2013

- Tim Skern Writing Scientific English: A Workbook, Utb Gmbh, 2011

ADDITIONAL BIBLIOGRAPHY

- Jennifer Peat Scientific Writing: Easy When You Know How, John Wiley & Sons, John Wiley & Sons, 2011

- Stephen B. Heard The Scientist¿s Guide to Writing: How to Write More Easily and Effectively throughout Your Scientific Career, Princeton University Press, 2016