TEACHING MODULES INFORMATION
EMJMD WACOMA (academic year 2018/19)

1.	**Module Title:** Scientific paper writing
2.	**Module Code:** (not necessary yet)
3.	**Maximum Number of Students:** 24
4.	**Total ECTS Credits:** 2 ECTS
5.	**Month:** Second Year
6.	**Notional Learning Hours (Please fill a number in box)**: **(a) Contact Time - e.g in the classroom, or fieldwork** **(b) Private Study - reading time, preparing and taking assessments** **Format of Teaching:** Lectures 7 Hours (a) Other (Analysis of research papers)…..3.5 Hours (a) Other (Research topic presentation)……3.5 Hours (a) Other (Private study) ……..36 Hours (b) **Teaching Strategy:** Theoretical lectures will be given in order to teach students the topic of the course, taking always into consideration to motivate the student in the learning activity. The theoretical contents will be put in practice developing analysis of different research manuscripts. Students will have to present the critical analysis of the research manuscript in an oral presentation, which help them in the acquisition of communication skills. .
7.	**Convener:** M Laura Martín Díaz / Alfredo Izquierdo
8.	**Institution:** University of Cadiz
9.	**Level (Please tick Y):** Master degree
10.	**Language(s) of Tuition**: English
11.	**Pre-requisites:** None.
12.	**Co-requisites:** None
13.	**Programme(s) for which module is core:** **Erasmus Mundus Joint Master Degree in Water and Coastal Management (WACOMA)**

14.	**Module Description - The Purpose or Aims:** The content of this module addresses the acquirement of the knowledge related to scientific paper writing. The module addresses to teach the student to write scientific manuscripts, evaluate the impact factor of the scientific journal and face a review and submission of manuscripts.
15.	**Learning Outcomes:** After completing this module the student should acquire knowledge for the writing of laboratory reports, scientific papers, research papers, etc., and must demonstrate this knowledge in the other modules that require the reading, writing of scientific articles , reviews, etc.
16.	**Summary of Course Content:** 1. Search for scientific abstracts, scientific publications, etc: Databases. 2. Writing scientific articles and reviews. 3. Preparation of master thesis 4. Authors' guide and presentation of an article for evaluation and publication. 5. Types of journals and impact indexes.
17.	**Key Skills Taught:** Scientific writing. Research Manuscripts quality indexes. Research Manuscript Database. Communication Skills.
18.	**Assessment Methods:** Students will need to select a research article and critically analyse it identifying the research question (usually stated in the Abstract and Introduction), the hypothesis(es) (usually in the Introduction), the test of the hypothesis (in the Methods), the findings (in the Results, including tables and figures) and how the findings were interpreted (in the Discussion). This approach will be presented by the student in a 5 min presentation.
19.	**Assessment Criteria:** A successful candidate should have or be able to do the following: ***Threshold*** A basic understanding of the appropriate science and modelling approach and a reasonable understanding of the model results and their implications. ***Good*** A good understanding of the science and correct model results which are presented and interpreted to a good standard, with some reference to independent literature data and results. ***Excellent*** A good to excellent understanding of the science and correct model results which are presented and interpreted to a high standard, with plenty of references used for comparisons and to critically evaluate the results.

20.	**Resource Implications of Proposal and Proposed Solutions**: *(Recommended Bibliography: compulsory, optional, other sources of information)* CBE Style Manual Committee. 1983. CBE style manual: A guide for authors, editors, and publishers in the biological sciences. 5th ed. Bethesda, Md.: Council of Biology Editors. McMillan, V.E. 1988. Writing papers in the biological sciences. New York: St. Martin's Press. http//www.accesowok.fecyt.es/login/url **Specific Resource Implications for Students**: Computers with internet access should be available at all classes. Students can use their own laptops. Programmes to use include Power Point and Internet Access to Science Direct, ISI Web of Knowledge.
21.	**Does this module replace existing provision? If so, please indicate modules to be replaced:** The module fits in the area of “transferable soft skills”
22.	**Start Date:** Second year
23.	**Is it intended that the module be available every year?** Yes