

QUALITY ASSESSMENT BY EU PARTNERS (PARTNER P03: University of Catania)

Revised course: “(ECOL 505) – FIELD TRIP/LAB REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEM”

Pondicherry University

Master Degrees

QUALITY ASSESSMENT
Quality criteria 1: Number of credit units for lectures, practical sessions and self-learning are appropriate to the contents
<ul style="list-style-type: none"> • Evaluation In general the number of hours for lectures (30 hours), practical exercises and self-study (65 hours) is well designed and adequate for the content of the course (total of 95 hours). The course is rather practical oriented, providing students fundamental concepts to understand and handle GIS and remote sensing software and satellite data. • Strategies for improvement Exercise on GIS should be increased A lecture on difference about traditional approaches for remote sensing can be added (supervised, non supervised; pixel based/object oriented).
Quality criteria 2: Total number of credit units in the course is correct and appropriate
<ul style="list-style-type: none"> • Evaluation The number of ECTS is correctly indicated in 3 ECTS
Quality criteria 3: Positioning of the courses in Curricula is appropriate based on the progressive level of difficulty
<ul style="list-style-type: none"> • Evaluation The course is properly positioned in the Curricula. It correctly requires some basic prerequisites in terms of knowledge and skills related to computer literacy and college algebra. • Strategies for improvement It should be explicitly recommended to join the course in parallel with ECOL 501, for which it serves as the compelling practice-oriented side.

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Quality criteria 4: Tests are suitable and appropriate to support transferable skills

- *Evaluation*

The assessment methods included in the grading system are well described, various and appropriate for the desired skills transfer. Only the references to assessment methods listed in the table of course workload do not precisely match with the grading form so that it remains unclear how the learning outcomes expected from each corresponding activities could be evaluated.

- *Strategies for improvement*

References to the results of the assessment of in-class activities in terms of class participation, preparedness and contribution to the discussion should be find also in the students' performance grading.

Quality criteria 5: TLM and assessment strategy support students in undertaking the course i.e. prerequisites are helpful and relevant, assessments help gauge students understanding

- *Evaluation*

Teaching methods are too little described. The main indication is about “avoid standing lectures and presentations” without citing a correspondent substitutional approach.

The list of compulsory reading is sufficient with regard to remote sensing. No reference is compulsory with regard to GIS environment.

For the students convenience, the following references are also suggested:

This important paper to be included in teaching material:

Lu, D., and Q. Weng. 2007. “A Survey of Image Classification Methods and Techniques for Improving Classification Performance.” *International Journal of Remote Sensing* 28 (5): 823–870

- *Strategies for improvement*

Detail the teaching and learning methods highlighting, were appropriate, the alternatives to standing lectures and presentations.

Quality criteria 6: Theory/Practice-oriented components are sufficient to cater the learning outcomes and skills development

- *Evaluation*

The practice-oriented component prevails, which is coherent with the expected learning outcomes and target skills.

- *Strategies for improvement*

No additional strategies are required

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