

A review by an EU INTENSE partner

Course: Geomatics and Modelling

Credits	3 ECTS, 24 in-class hours
Level	PhD students
Host institution	V.N.Karazin Kharkiv National University, Ukraine and Odessa, Ukraine (same course syllabus)

Assessment criteria	Answer			Comments
	Yes	No	Need to be modified	
The course has appropriate place in curricula (year and semester of study)	Y			
Contents is relevant to the PhD program requirements			X	<i>Yes, but maybe students know already contents of 3rd point in Objectives, as they are required to have previous knowledge in GIS. In addition: please include the version of QGIS (if students already have one, must be warned about version, as some plugins may not work. In addition, QGIS 2.x has completely different GUI and pyQGIS commands). Also, GRASS and ArcMap (it is important to take into</i>

				<p><i>account that if the teacher has .mxd saved in newest version of ArcMap, they won't open in previous versions. If this happens: File > Save a Copy... > dropdown menu: select the version). It would be good to reference Journals of GIS, for example: Cartography and Geographic Information Science , Environmental Modelling & Software , Annals of the American Association of Geographers , Journal of Geographical Systems , Environmental Monitoring and Assessment, Geomatics (MDPI), Applied Geomatics</i></p>
<p>The course contents is well developed and allows to achieve learning outcomes and skills</p>			<p>X</p>	<p><i>First outcome says "basic knowledge of the functionality available in the GIS". Isn't this achieved in previous courses stated in Prerequisites section? Also, "basic</i></p>

				<p><i>knowledge of spatial data analysis“ could be better if: “basic knowledge of spatial data analysis with GIS software”?</i></p> <p><i>I think that , as this course is for PhD students, the term “basic” should not be used, as they are expected to know the fundamentals of GIS.</i></p>
Aim and objectives are well formulated	Y			<p><i>See previous comments, though.</i></p>
Distribution of workload is well balanced	Y			
Grading system is well developed and distribution of scores is well balanced	Y			
Teaching methods are relevant	Y			
Literature is relevant	Y			<p>I suggest (if possible for the university, English language):</p> <ul style="list-style-type: none"> - Bernhardsen T. (2002) <i>Geographic Information Systems: An Introduction</i> Wiley; 3 Sub edition 448p - Bonhan-Carter, G.F, (1994) <i>Geographic information systems for Geoscientists. Modelling with GIS.</i> Pergamon 398 p.

				The official QGIS website has references for user handbooks
The course can be proposed to PhD students on other specialties and research areas	Y			

Overall assessment and comments:

In my opinion, this course will help PhD students to have advanced knowledge in geomatics and modelling. As the Quality Assessment Report shows from previous years, this is a well structured course and the students have given a positive overall feedback to the course. I only suggest to add some references to help students to look for more resources and knowledge in Geomatics and Modelling. The other comments are comments about the possibility to make small changes. If there are any questions, do not hesitate to contact me.

Reviewer:



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