

Integrated International Projectwork (C004173)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Course size	<i>(nominal values; actual values may depend on programme)</i>		
Credits 8.0	Study time 240 h	Contact hrs	90.0 h

Course offerings and teaching methods in academic year 2020-2021

A (year)	Dutch, English	Gent	microteaching	5.0 h
			lecture	5.0 h
			fieldwork	50.0 h
			group work	15.0 h
			research project	15.0 h

Lecturers in academic year 2020-2021

Van Eetvelde, Veerle	WE12	lecturer-in-charge
N., N.		co-lecturer

Offered in the following programmes in 2020-2021

	crdts	offering
Master of Science in Teaching in Science and Technology (main subject Geography and Geomatics)	8	A
Master of Science in Geography and Geomatics	8	A

Teaching languages

Dutch, English

Keywords

A multiple-day foreign study trip, field work

Position of the course

This course focuses on an international project work that is carried out during a multi-day international research trip. During this fieldwork, the various field techniques for data collection, scientific analyzes and interpretations are performed, as well as an oral presentation of the results. Afterwards, the results are reported in writing in a paper. The destination of the integrated international project work is decided annually by the study program committee on the proposal of the responsible lecturer concerned and with the participation of the students.

The emphasis of the integrated international project work is on an interdisciplinary and integrated approach to geography and geomatics, including physical, landscape, social and economic aspects as well as aspects of cartography, GIS, remote sensing and topography on the other. The students work on a self-defined project, in which they apply the competencies built up in other courses in a foreign and unknown area. As a result, they come into contact with a different spatial and research context, diverse actors, innovative experiences and are introduced to contemporary challenges in geography and geomatics.

The organization is done in collaboration with an international university, whereby the students, if possible, collaborate with other students in an international context.

Contents

Preparation (during the first and second semester):

1. In preparation of the integrated international project work, the students are introduced to the geographical context of the destination, they are introduced to the international partner university. Together with the students, themes and places are selected that will be discussed and visited during the first days of the foreign research

trip.

2. For the different projects, the research themes are determined in consultation with the students on the basis of their interests, expertise and the possibilities of the destination and the partner university. In the projects, students integrate different contents and skills from other courses. The students work out a research plan of the project works in a group, possibly together with the students of the partner university, which are adjusted by means of interim tutor sessions taking into account the feasibility and focus.

Fieldwork (during the second semester):

3. The fieldwork of several days consisting of (1) introduction to specific geographic phenomena of the destination, (2) fieldwork in a group for the development of the research projects, (3) processing and oral presentation of the results of the research projects.

Processing (after the fieldwork):

4. The collected data and performed analyzes are reported in a paper, portfolio that combines the various steps and data (possibly with digital attachments).

Initial competences

Final competences Bachelor Geography and Geomatics (main subject: geography), or similar.

Final competences

- 1 Have a thorough knowledge of advanced/specialised geographic methods (including mapping, map analysis, landscape analysis, statistical data analysis, conducting polls and surveys (drawing up, taking and processing), field recordings and measurements, laboratory analyses, graphic representation of results, modelling) and be able to apply these correctly in a research context.
- 2 Have an insight into the possibilities and limitations of the various techniques.
- 3 Be competent in consulting professional geographic literature and be able to judge its relevance, taking a critical scientific attitude.
- 4 Have developed their analytical and synthesising skills and be able to independently formulate new geographic problems in their full complexity and to analyse and solve them by selecting and applying the most suitable scientific method.
- 5 Be capable of analysing the phenomena studied on different spatial scales and combining the insights gained on those different scales.
- 6 Be proficient in presenting the results of their own scientific research in writing, presenting a well-founded and scientifically justified account, either in a personal report or in a group report.
- 7 Give a fluent and well-structured oral presentation of the results, using suitable communication techniques.
- 8 Collaborate in an interdisciplinary and international context.

Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract

This course unit cannot be taken via an exam contract

Teaching methods

Group work, lecture, microteaching, fieldwork, research project

Extra information on the teaching methods

- **Lectures:** Introduction to the geographical context of the destination, introduction to a foreign partner university, demarcation of themes and excursion places
- **Microteaching:** students explain the different steps of the project work in preparation for the research journey on which they receive feedback and suggestions regarding the content, focus and feasibility.
- **Fieldwork:** field visits where different geographical problems are proposed and discussed, fieldwork for the purpose of finalizing the research project
- **Group work:** preparing, executing and reporting the project in the group
- **Research project:** a self-defined and delineated research project in which the students integrate different contents and skills of geography and / or geomatics.

Learning materials and price

- Syllabus, partly made by the students themselves (preparation and reporting).
- The students are contributing to the cost of travel and accommodation.

- Cost: 700 EUR

References

Specialist literature, various handbooks, map material of the relevant region.

Course content-related study coaching

During field work.

Evaluation methods

end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period

Written examination with open questions, portfolio

Examination methods in case of periodic evaluation during the second examination period

Written examination with open questions, portfolio

Examination methods in case of permanent evaluation

Participation, assignment, peer assessment

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible

Extra information on the examination methods

- **Non-periodic evaluation:** participation in preparation and during the integrated international project work, the research plan in which the different steps are presented, oral presentation (English) during the research trip abroad, peer evaluation regarding collaboration and input in the group work
- **Periodic evaluation:** written exam with open questions (oral explanation is possible), portfolio in which the various data, analyzes, results and conclusions are collected (can be in the form of a digital portfolio)

Calculation of the examination mark

- In order to pass for this course (at first or second examination chance), one should participate to the study trip.
- Non-periodical evaluation (70%) + periodical evaluation (30%).
- For the second examination chance, the non-periodical evaluation is offered in an alternative form between first and second examination period.