

Current Topics in Geography and Geomatics (C003866)

Course size *(nominal values; actual values may depend on programme)*

Credits 5.0 **Study time 150 h** **Contact hrs** 40.0h

Course offerings and teaching methods in academic year 2022-2023

A (semester 2)	Dutch	Gent	lecture	20.0h
			guided self-study	20.0h

Lecturers in academic year 2022-2023

Lanckriet, Sil	WE12	lecturer-in-charge
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Offered in the following programmes in 2022-2023

	crdts	offering
Bachelor of Science in Geography and Geomatics	5	A
Linking Course Master of Science in Geography and Geomatics	5	A
Preparatory Course Master of Science in Geography and Geomatics	5	A

Teaching languages

Dutch

Keywords

Scientific position and evolution of geography & geomatics; scientific, societal and economic contributions of geography & geomatics

Position of the course

This course has two interrelated objectives. First, it aims to provide students insight into the present-day scientific position of geography and geomatics. This is achieved by means of an overview of how geography as a scientific discipline emerged; how it has subsequently transformed (a number of times) because of internal/external scientific discussions and shifting societal/economic fields of application; and how the rising importance of information technology in general and in the spatial sciences in particular has led to geomatics becoming a core part of the discipline. Second, the contemporary scientific and applied position of geography and geomatics is appraised by spelling out the diverse contributions of graduates in geography and geomatics in dealing with scientific, economic and societal issues.

Contents

There are two parts. In the first part the focus is on how present-day geography and geomatics has emerged, and this by means of a number of formal lectures. In the second part, the diverse contributions of graduates in geography and geomatics to dealing with scientific, economic and societal issues is appraised by means of guest lectures. Speakers will be recruited via the professional and scientific networks of lecturers associated with the programme, and will collectively reflect the scope of the different sub-disciplines as well as the main application areas. Students will be asked to, drawing on the formal lectures and the guest lectures, reflect on how their studies relate to scientific evolutions and/or societal questions and/or economic applications.

Initial competences

Being acquainted with the basic concepts used in geography and geomatics.

Final competences

- 1 Insight into how geography as a scientific discipline emerged; how it has subsequently transformed (a number of times) because of internal/external scientific discussions and shifting societal/economic fields of application; and how the rising importance of information technology in general and in the spatial sciences in particular has led to geomatics becoming a core part of the discipline.
- 2 The ability to scientifically frame contemporary policy questions and economic applications

with a geography or geomatics component.

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

Guided self-study, Lecture

Extra information on the teaching methods

Formal lectures by the coordinating lecturer, guest lectures by graduates in geography and geomatics from different areas of the professional field, guided self study

Learning materials and price

De Pater, B. & Van der Wusten, H. (1991) Het geografische huis: opbouw van een wetenschap. Muiderburg: Coutinho.

Holt-Jensen, A. (2018) Geography: history and concepts. London: Sage.

Slides used by guest lecturers will be made available via Ufora.

Geschatte kostprijs: 30€

References

De Pater, B. & Van der Wusten, H. (1991) Het geografische huis: opbouw van een wetenschap. Muiderburg: Coutinho.

Holt-Jensen, A. (2018) Geography: history and concepts. London: Sage.

Course content-related study coaching

Ufora, teaching assistants, and office hours

Assessment moments

end-of-term assessment

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

Oral examination

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

Oral examination

Examination methods in case of permanent assessment

Possibilities of retake in case of permanent assessment

not applicable

Calculation of the examination mark

In the periodical evaluation there will be an assessment of the knowledge of and the insight into the two parts of this course by means of two open questions. The first question will focus on the (changing) nature of the discipline, the second question will focus on how the day-to-day work praxis of one of the guest lecturers relates to the content and built-up of the discipline.