

Project Landscape Science and Spatial Planning (C004184)

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 *(nominal values; actual values may depend on programme)*
Credits 5.0 **Study time** 150 h **Contact hrs** 60.0 h

Course offerings and teaching methods in academic year 2020-2021

A (semester 1)	Dutch	Gent	fieldwork	15.0 h
			lecture	5.0 h
			project	17.5 h
			integration seminar	15.0 h
			demonstration	7.5 h

Lecturers in academic year 2020-2021

Van Eetvelde, Veerle WE12 lecturer-in-charge

Offered in the following programmes in 2020-2021

Master of Science in Geography and Geomatics	crdts	offering
	5	A

Teaching languages

Dutch

Keywords

Landscape mapping on the field, landscape analysis and evaluation, landscape design, environmental impact assessment, landscape planning, heritage management.

Position of the course

- Knowledge, methods and techniques of landscape research, applied in spatial planning and heritage management.
- Principles of environmental impact assessment for the discipline of monuments and landscapes.
- Application of practical examples of theoretical course CHGEOA00000004 "Landscape management and design" (1st Ma Geography).

Contents

Design principles and phases applied on landscapes; rules for landscape design, cartographic representations and visualisation.

Principles of environmental impact assessment in the framework of environmental policy, methods and procedures for environmental impact assessment, types of environmental impact assessment, juridical and procedures aspects of environmental impact assessment in Flanders

Initial competences

- Final competences of the course "Introduction to landscape science" and "Landscape Research".
- Course must be followed together with the course of "Landscape management and design".

Final competences

- 1 To be able to analyze and assess the landscape and to make cartographical representations of the design.
- 2 Oral presentation of the landscape analysis and design for integrated landscape management, fitting in spatial planning, heritage management and the legal framework in Flanders.

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

Demonstration, lecture, integration seminar, project, fieldwork

Learning materials and price

- Lecture notes, handbook (Antrop 2007), hand-outs lectures.
- Books, articles, journals available in library of the Geography department.
- Mapping material (maps, photographs, ...) and travel for field work on own expenses
Cost: 95 EUR.

References

In the library of the Geography department

- Bell, S., 2004. Elements of Visual Design in the Landscape. Spon Press, London.
- Carr, M. H., Zwick, P. D. 2007. Smart Land-Use analysis. The LUCIS model. Land-Use Conflict Identification Strategy. ESRI Press, New York.
- Dolman, P. M., Lovett, A., O'Riordan, T., Cobb, D., 2001. Designing Whole Landscapes. Landscape Research. 26 (4), 305-335.
- Drdoš, J., 2005. Landscape planning: a geographical approach. ALFA SPECTRA Planning studies - Central
- LaGro, J. A. 2001. Site Analysis. Linking Program and Concept in Land Planning and Design. John Wiley & Sons, New York.
- Lynch, K., 1960. The image of the city. M.I.T. Press, Cambridge.
- Moughtin, C., 2005. Urban Design: Green Dimensions. Elsevier, Amsterdam.
- Reid, G. W., 1987. Landscape Graphics. From concept sketch to presentation rendering. Whitney Library of Design, New York.
- Reid, G. W., 1993. From Concept to Form in Landscape Design. John Wiley, New York.
- Selman, P., 2006. Planning at the Landscape Scale. Routledge, Oxon.
- Sijmons, D. (Ed.), 2002. Landscape. Architectura + Natura, The Netherlands.
- Sullivan, Ch., 1997. Drawing the Landscape. John Wiley & Sons, New York.

Course content-related study coaching

Coaching by AAP and via Minerva and Geoweb

Evaluation methods

continuous assessment

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

Participation, assignment

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible in modified form

Extra information on the examination methods

Permanent basis on the project work and the oral presentation. In the second examine term; there will be a compensating activity for students who failed the exercise.

Calculation of the examination mark