

Landscape Management and Design (C003145)

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** 52.5 h

Course offerings and teaching methods in academic year 2020-2021

Offering	Language	Location	Teaching Methods	Hours
A (semester 1)	Dutch	Gent	integration seminar	10.0 h
			demonstration	5.0 h
			lecture	17.5 h
			fieldwork	20.0 h
B (semester 1)			lecture	15.0 h
			fieldwork	15.0 h

Lecturers in academic year 2020-2021

Van Eetvelde, Veerle WE12 lecturer-in-charge

Offered in the following programmes in 2020-2021

Programme	crdts	offering
Master of Science in Teaching in Science and Technology (main subject Geography)	5	A
Master of Science in Teaching in Science and Technology (main subject Geography and Geomatics)	5	A
Master of Science in Geography and Geomatics	5	A
Master of Science in Geography	5	A
Master of Science in Urbanism and Spatial Planning	3	B
Master of Science in Bioscience Engineering: Forest and Nature Management	5	A

Teaching languages

Dutch

Keywords

Session A: Landscape planning and management, protection of cultural heritage, environmental impact assessment, landscape evaluation, landscape perception, landscape architecture and design

Session B: Landscape planning and management, protection of cultural heritage, landscape perception, landscape architecture and design

Position of the course

Insight in the legal aspects of landscapes protection and conservation in Flanders; policy instruments for landscape assessment and protection; European Landscape Convention and the implementation in landscape management and spatial planning; actual concepts of landscape inventories, characterization and monitoring of landscapes in a European context.

Principles of the landscape architecture and design evaluation.

Contents

Session A and B:

- Concepts and definitions of landscape planning and management in European and Flemish context.
- Principles of the landscape architecture and design in Western-Europe and the meaning for current landscape management and design.
- Principles and legislation of landscape protection and conservation in spatial planning.

- Case studies on the field

Only session A:

- Environmental impact assessment, landscape evaluation
- Methods for landscape planning, scenarios, analysis and evaluation for landscape planning and design

Initial competences

Session A: Final objectives of "Introduction to landscape science" and "Landscape science".

Session B: Basic knowledge of landscape science

Final competences

- 1 Session A en B: To be able to use the policy instruments for landscape assessment and protection in the European and Flemish context; critical discussion of landscape analysis and evaluations.
- 2 Only session A: to be able to assess effects of spatial projects and environmental impact assessments on landscapes.

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, fieldwork, online lecture

Extra information on the teaching methods

The lectures are preferably organized on campus, given the large interactivity during the lessons.

The excursions are organised on-site.

Learning materials and price

Lecture notes, handbook (Antrop 2007), hand-outs lectures, excursion guides

Books, articles, journals available in library of the Geography department Cost: 45 EUR

Fee for excursions: 7 EUR per day

References

In the library of the Faculty of Science and in the Labo Landscape Research

- Antrop, M., Van Eetvelde, V., 2017. Landscape Perspectives. The Holistic Nature of Landscape. Springer
- Ahern, J., 2006. Theories, methods and strategies for sustainable landscape planning. In: Tress, B., Tress, G., Fry, G., Opdam, P., From landscape research to landscape planning: aspects of integration, education and application. Frontis - Wageningen International Nucleus for Strategic Expertise, pp. 119-131.
- Bell, S. 2004. Elements of Visual Design in the Landscape. Spon Press, London
- Bishop, K., Philipps, A. (Eds.), 2004. Countryside Planning. New Approaches to Management and Conservation. Earthscan, London.
- Hofkens, E., Roosens, I. (Eds.), 2001. Nieuwe Impulsen voor de Landschapszorg. De Landschapsatlas baken voor een verruimd beleid. Ministerie van de Vlaamse Gemeenschap - Afd. Monumenten en Landschappen, Brussel.
- Selman, P. 2006. Planning at the Landscape Scale. Routledge, Oxon.
- Tress, B., Tress, G., Fry, G., Opdam, P. (Eds.), 2006. From Landscape Research to Landscape Planning. Aspects of Integration, Education and Application. Springer, Dordrecht.
- Turner, T. 1998. Landscape Planning and Environmental Impact Design. UCL Press, London.
- Vos, C. C., Opdam, P., Steingröer, E. G., Reijnen, R., 2007. Transferring ecological knowledge to landscape planning: a design method for robust corridors. In: Wu, J., Hobbs, R. (Eds.), Key Topics in Landscape Ecology. University Press, Cambridge, pp. 227-245.

Course content-related study coaching

Coaching by AAP and via Ufora and MS Teams

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, oral examination

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

Written examination with open questions, oral examination

Examination methods in case of permanent evaluation

Participation

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible

Extra information on the examination methods

To participate the examine of the course, the student needs to participate the field excursions.

Calculation of the examination mark

Session A: 95% oral exam with written preparation, 5% non-periodic evaluation

(participation discussion during presentation project works and fieldwork)

Aanbodsessie B: 95% oral exam with written preparation, 5% non-periodic evaluation

(participation discussion during presentation project works and fieldwork)

To pass this course or to get a delibratable grade, the student must have participated in all the teaching parts (theory + excursions + exercises).