Course Specifications
Valid as from the academic year 2019-2020
Architectural Design Studio: Design Development (E081603)

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.

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Lecturers in academic year 2019-2020

Moens, Jan  TW01  lecturer-in-charge

Course offerings and teaching methods in academic year 2019-2020

A (semester 2)  Dutch  on campus seminar  180.0 h

Offered in the following programmes in  2019-2020

Master of Science in Engineering: Architecture (main subject Architectural Design and Construction Techniques)

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

This course unit cannot be taken via an exam contract.

Teaching methods

1. Students have successfully taken the course 'Architectural Design 3' ('Architectuurontwerp 3') (i.e. obtained a credit) or have acquired the aspired learning competences in another way (mandatory succession as defined in the Curriculum Rules of the Faculty of Engineering and Architecture, cf. http://www.ugent.be/ea/nl/onderwijs/studentenadministratie/curriculum.htm)
2. Architectural Design 1, 2 and 3

Keywords

Teaching languages

Dutch

Position of the course

Design studio of the first master's year - focus on Architecture and Building Technology

The workshop builds on the insights of (the interknitting of) various scale-levels, developed in Architectural Design 3. To explore and put into practice the (partly) present knowledge and skills, geared toward the individual spheres of interest of the students. To sharpen the ability to gather information about a specific problem, apart from the presented knowledge by the auxiliary disciplines. To sharpen the ability to critically evaluate own choices and decisions within the various spheres of interest. To learn how to work efficiently as a team. To develop methods to make choices between existing construction methods concerning a (by the student developed) hybrid design. To develop methods to see and recognize the impact of techniques on a design and to optimize the integrating construction methods and technical installations. To learn how to use theoretical models and commercial information in a critical way.

Contents

Workshop

Initial competences

1. Students have successfully taken the course 'Architectural Design 3' ('Architectuurontwerp 3') (i.e. obtained a credit) or have acquired the aspired learning competences in another way (mandatory succession as defined in the Curriculum Rules of the Faculty of Engineering and Architecture, cf. http://www.ugent.be/ea/nl/onderwijs/studentenadministratie/curriculum.htm)
2. Architectural Design 1, 2 and 3

Final competences

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

1. On campus seminar

(Approved)
Continuous assessment

Examination during the second examination period is possible in modified form

Assignment

Description of the exercises and information (free)

• Special conditions: students need to participate in at least 70% of the cumulated contact hours of workshops and guidance sessions and the ‘Jokerweek’ (legitimate absence is subtracted from the contact hours). When a student is insufficiently present or participates insufficiently at the workshops, guidance sessions and Jokerweek, he/she can no longer pass this course. If this is the case and if the total score is 10/20 or more, the total mark will be reduced to the highest failing mark or 9/20.

• Calculation in the first examination period: 100% (different tasks)

• Calculation in the second examination period: the global evaluation of the retake is a weighted average of the results of all tasks, including the additional task. The result can never be lower than the score of the first examination period.

Calculation of the examination mark

Extra information on the examination methods

During semester: graded workshop results.

References

Course content-related study coaching

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

Assignment

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible in modified form

Learning materials and price

Description of the exercises and information (free).

References

Calculation of the examination mark

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(Approved)