

## Advanced Topics in Architecture 3 (E087100)

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

**Credits 6.0** **Study time 180 h**

**Course offerings and teaching methods in academic year 2023-2024**

null

**Lecturers in academic year 2023-2024**

Davidts, Wouter	TW01	lecturer-in-charge
Lagae, Johan	TW01	co-lecturer

**Offered in the following programmes in 2023-2024**

null

**crdts** **offering**

**Teaching languages**

English, Dutch

**Keywords**

Architecture, interdisciplinarity, methodology of scientific research

**Position of the course**

This Advanced Topic focusses on a specific research subject related to the broad field of architecture. In this course, students are introduced into the methodology of scientific research. The teaching format of the seminar, which stimulates a continuous interaction between teacher and student, is considered essential to the learning process. The research subjects addressed in the Advanced Topic correspond to a study and workload of 6 credits.

**Contents**

The content of the research subjects varies each year, responding to current research, contemporary debates, exhibitions and conferences. The subjects, introduced through a number of lectures, are situated within the broad field of architecture and cross the boundaries of individual research fields. The interdisciplinary character of architecture is at the core of this course.

**Initial competences**

Being in the possession of a Bachelor of Science in Engineering: Architecture, or meeting the admission requirements for the Master of Science in Engineering: Architecture, or having acquired these competences in a different way.

**Final competences**

- 1 Formulating a research question, and developing an appropriate research method.
- 2 Gaining insight in the methods of scientific research and research by design.
- 3 Applying methods of scientific research and research by design in an independent way.
- 4 Processing the results of this research into a coherent report.
- 5 Reporting through scientific and design-related means on a complex research question.

**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**

Seminar, Lecture, Independent work

**Extra information on the teaching methods**

This course is organized through work sessions, taking the form of seminars. During these

sessions, new topics are introduced through (guest)lectures, new skills are developed interactively, and students present insights and progressions, which they acquired through individual study, to their mentors. The distribution of the various education methods will be announced during the semester via Ufora.

#### **Learning materials and price**

Literature is made available via the electronic learning environment. Additional material to be searched via internet, library, ...

#### **References**

Depending on the research subject, chosen that year (see literature Ufora).

#### **Course content-related study coaching**

Students are mentored in work sessions. External specialists can be invited to attend intermediate and final presentations.

#### **Assessment moments**

continuous assessment

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

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

#### **Examination methods in case of permanent assessment**

Participation, Assignment

#### **Possibilities of retake in case of permanent assessment**

examination during the second examination period is possible in modified form

#### **Extra information on the examination methods**

- First examination period: evaluating the report (may be accompanied by an oral presentation or conversation).
- Retake possibility: students choose whether or not they deliver an additional report in the second examination period.

#### **Calculation of the examination mark**

- First examination period: 30% participation in seminars, 70% report.
- Resit: the mark in the second examination period is the weighted average of the permanent evaluation in the first examination period and the additional task. If students do not take the resit possibility, the final mark for the first examination period is the resit mark.