

Form, Structure and Aesthetics

MSc 3/4 - Technologies and Aesthetics



Photo taken near Feerwerd, located in the Reitdiep valley.

Tutors

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Code	AR3TA001
Credits	55 ECTS
Location	Groningen
Excursion	Yes
Costs	100 euro

Due to climate change, the architectural designer is forced to innovate technically and react on increasing demands on material use and re-use. This leads to re-thinking of the expression of architecture. The aim of the studio is to explore the relation between the technical design innovations and the specific architectural form language that comes along with and belongs to these developments. This will culminate in an architectural design of a small to medium size building where architectural design and techniques are fully integrated.

The design location is the Reitdiep valley in Groningen, one of the many areas in the Netherlands, being below sea level, that will transform in the near future because of climate change. The exact chosen location in this area will also create its own design leads; social, economical, geographical and ecological.

The studio adopts a multi-dimensional research approach, initially based on comparative design analysis, technical analysis and literature study. From this starting point, students develop an individual take on research which can include research methods from the fields of architecture, arts and building technology.

The research will inform and initiate the design process, but will not limit the scope of the project. The interaction between the different research and design projects will be stimulated, which allows a multi-layered, innovative attitude. Physical modelling plays a central role in the interactive design process that takes place in the studio space.

During the whole graduation process this studio will leave room and evoke initiatives by the students.