



## Project module description

### General project module information

Title: Seeing the Light  
Type: Project module  
Language of instruction: English  
Location of the lecture: Campus Copenhagen

ECTS points: 15 ECTS

Period: 1 September 2022 — 31 January 2023

### Placement

1st semester, MSc in Lighting Design

### Module coordinator

[Mihkel Pajuste](#) (coordinator), [Lisbeth Nykjær](#) and [Christine Pedersen](#) (secretary)

### Academic content and relationships to other modules/semesters

The formal study plan description of the module can be found here:

<https://moduler.aau.dk/course/2022-2023/MSNLIDM1201?lang=da-DK>

The semester projects are defined to ensure that the students are challenged to work in real world scenarios, where an academic lighting design approach can create new potentials. The students must understand the complexity of analyzing a space, understanding the client and users, collecting knowledge and synthesizing this to a problem statement. In the design process, different methods are used to develop solutions, which must be tested through the process. These methods are related to the three fields; lighting technology, architecture as well as media technology.

The main semester project is related to functional and practical issues. The topic will be to relight our university campus in Sydhavnen. The challenge is to apply new technologies and solutions to save energy and at the same time improve the lighting quality by supporting different activities and needs as well as the identity of the university campus. The students must make registrations of the campus, collect knowledge, analyze, develop overall lighting concepts and then select a specific area, where a 1:1 solution is developed through sketches, scale models and tests on site. The process is referring to the Lighting Design Model and the project is communicated through an academic report as well as through a pitch presentation for the campus administration and other user groups.

### Objectives and learning goals

The objective of the semester projects is that the students develop an understanding and skills in designing with light by synthesizing the fundamental principles of lighting design from the fields of architecture and design, science and media technology. The students must understand the complexity and possibilities that lie in the interplay between the specialized fields. The students must combine the art and science of designing with light in real and virtual spaces.

Students must be able to work according to a scientific method and to report results and processes in scientific forms, such as posters, papers or reports. At the same time, the students must be able to communicate the project idea to clients and end users through oral presentations and illustrations.

### Extent and expected workload

The project workload for the semester is 15 ECTS. Within the 15 ECTS, there is a main project app. 40 days of work plus 4 days for preparing the exam. The activity will mainly be project work in groups of app. 4 persons. Each group is assigned a supervisor, who will meet once a week during the weeks where pin-ups are not arranged across the groups.

### Pre-requisites for participation

The prerequisites for participation are listed in the module description (see link above).



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**Examination**

The module is examined through a standard group-based project exam. See the module description (see link above) for any further detail on requirements, examination and assessment.

It is a prerequisite for being allowed to take part in the project examination that the project documentation is handed in on time ([see exam rules](#)).