



AF270X Degree Project in Architectural Lighting Design, Second Cycle 15.0 credits

Examensarbete inom ljusdesign, avancerad nivå

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

The official course syllabus is valid from the spring semester 2026 as decided by the Vice Director of First and Second Cycle Education: HS-2025-2407 Date of decision: 2025-10-16

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Architecture, The Built Environment, Technology and Health

Specific prerequisites

A main part of the studies, at least 30 credits of which 15 credits with specialisation should be completed before the degree project may be started for second-cycle studies within the main field of study. It falls on examiner to ensure that the student has the specialisation that is intended above. Exemption can after assessment be granted by the director of first and second cycle education.

Intended learning outcomes

After a completed degree project, the student should be able to

- Show knowledge of the disciplinary foundation of the chosen subject area within the field of Architectural Lighting Design and best practice, an advanced understanding of current research and development work and advanced knowledge of methods.
- Demonstrate the ability to search for, collect and integrate knowledge in a comprehensive, critical, and systematic way and to identify his or her needs for further knowledge.
- Demonstrate the ability to identify, analyse, assess and handle complex phenomena, issues and situations, even with limited information.
- Demonstrate the ability to plan, and with adequate methods, carry out high-quality assignments within given time frames, as well as to evaluate this work.
- Demonstrate the ability to develop and evaluate products, processes, systems, methods or technical solutions, taking into consideration people's abilities and needs, and society's goals for economic, social and ecological sustainable development.
- Demonstrate orally and in writing the ability to, in dialogue with different groups, clearly account for and discuss his or her conclusions, including the knowledge and arguments that are the basis of such conclusions.
- Demonstrate the ability to exercise judgement, considering the relevant scientific, social and ethical aspects.
- Demonstrate the skills required to participate in research and development work or to independently work in other advanced contexts.
- Demonstrate the capacity to follow and go through the stages of a specific working process in a given time frame.

Course contents

The degree project should constitute a part of a specialisation within the main field of study at the second-cycle level to satisfy the requirements for the degree. This implies that the degree project should be carried out within Architectural Lighting Design.

Exemptions may be granted.

Examination

- XUPP - Examination, 15.0 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

To receive a final grade in this course, students must attend at least 80% of scheduled course activities.

The overall course grade will be awarded on a Pass–Fail (P–F) scale.

The degree project should be connected to sustainable development.

Regardless of the type of work, whether theoretical, design-based, or experiment-based, students are expected to include a practical component based on first-hand source material produced for the project. Examples include, but are not limited to: experiments, interviews, photographic documentation of a space, and lighting measurements.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.