



LUNDS UNIVERSITET
Lunds Tekniska Högskola

Course syllabus

Modernismens arkitektur - förnyelse, teoridel

Modernistic Architecture - Renewal, Theory

ABVN06, 7,5 credits, A (Second Cycle)

Valid for: 2023/24

Faculty: Faculty of Engineering, LTH

Decided by: PLED A

Date of Decision: 2023-03-28

General Information

Elective for: A4

Language of instruction: The course will be given in English on demand

Aim

The course aims to ensure that each student attains a competent knowledge of building and re-building modern buildings; be able to discuss and analyse their renovation qualities.

Learning outcomes

Knowledge and understanding

For a passing grade the student must

- understand and be able to apply central concepts in communicating and discussing ideas of design development in the restoration and renewal of buildings representing the cultural inheritance of modernism

Competences and skills

For a passing grade the student must

- be able to make, by reference to cultural-historical, technical and functional values, an impact study of a proposal to alter a modern building
- be able to investigate and understand the functional, technical and aesthetical qualities of a modern building and/or built-up environment

Judgement and approach

For a passing grade the student must

- be able to discuss the Swedish authorities' demands for care when altering or renewing a building and/or an entire built-up environment is to be changed or renewed
- be able to apply a holistic perception of a building and the process of changing it that includes but is not limited to health, climate, safety, access and environmental considerations

An architect's restoration work requires careful preliminary study and great detail in planning; central to it are the qualities of sustainable constructions that can be renewed. Restoration work should also avoid superficial trends and tendencies.

Contents

Considering culturally and historically valuable modernistic buildings, the course gives knowledge of, training in and an understanding of design to be applied at a point where new and old architecture meet. It focuses especially on the function, design and material of buildings, and their maintenance and renewal. Relevant Swedish legislation is considered, together with formal demands for care and procedures in rebuilding work.

The continuation of the advanced course contains the following:

- preliminary investigation, modern methods of gauging and estimating damage
- analysis of capacity and cultural-historical evaluations
- programme sketches and reference studies
- international organizations and international charters.

Examination details

Grading scale: UG - (U,G) - (Fail, Pass)

Assessment: During the course, constant reference is made to the individuals level of knowledge: each gives a preliminary account of his or her work-in-process in a paper that is assessed. Successfully to complete the course, a student must attend not less than eighty per cent of the lectures and study visits; actively take part in preliminary and final assessments.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Admission

Admission requirements:

- ATHA10 The Theory and History of Architecture II (Year 2) or ATHA25 The Theory and History of Architecture IV (Year 2)
- ATHF01 The Theory and History of Architecture V
- AADA20 Digital Tools 5
- ASBF05 The Fundamentals of Urban Design
- AAHF01 Sustainable Technology in the Built Environment
- AAHF10 Sustainable Architectural Design
- ATHF01 The Theory and History of Architecture V

- ATHF05 The Theory and History of Architecture VI
- VBEA05 The Construction Process, Basic Course
- AADA25 Digital Tools 6
- AAHF35 Documentation and Communication
- AAHF20 Architecture - In Time and Space or AAHF26 Architecture - In Urban Contexts or AAHF30 Architecture - In the Contemporary

The number of participants is limited to: 36

Selection: Completed university credits within the program. Within programmes where the course is given as a mandatory or elective mandatory course students are guaranteed admission. There after priority is given to students enrolled in programmes that include the course in the curriculum.

The course overlaps following course/s: ABVN05

Reading list

- Curtis, W: Modern architecture since 1900. Phaidon Press Ltd , 1996, ISBN: 9780714833569.
- FEILDEN, Bernard, M: Conservation of Historic Buildings. Architectural Press, Elsevier, 2003, ISBN: 0-7506-5863-0.
- Jenkins, D. & Worthington, J: Structure and style. Conserving the 20th century buildings, Making the recent past fit for the future. 1997.
- Stratton, Michael: Structure and style, Conserving Twentieth-Century Buildings. Routledge, 2016, ISBN: 9781138155022.
- Jokilehto, J.: A History of Architectural Conservation. Butterworth-Heinemann, 2002, ISBN: 0750655119.
- Pålsson. Skarin, I: A finance Model for the Built Cultural Heritage, Proposals for Improvements of Future Heritage Economics. Faculty of Engineering, Lund University, 2011, ISBN: 9789177401032.
- Unnerbäck, A: Kulturhistorisk värdering av bebyggelse. Riksantikvarieämbetets förl., 2002, ISBN: 91-7209-251-3.
- Worthing, D.& Bond, S: Managing the built heritage, The role of cultural significance. Blackwell, 2008.
- World Monuments Fund: 5 case studies, Modernism at risk. 2010. Accessible on the internet.
- Ford, E. R. : The Details of Modern Architecture: Vol 1:2. MIT PRESS, 2003.
- ed Mac Donald, S.: English Heritage Modern Matters. Donhead Publishing Limited, 1996, ISBN: 978-1873394236.
- Weston, R. : Modernism. Phaidon Press Ltd , 2001, ISBN: 0714840998.

Contact and other information

Course coordinator: Ingela Pålsson Skarin, ingela.palsson_skarin@byggark.lth.se

Course homepage: <http://www.bv.lth.se>

Further information: This course is a theoretical deepening and compulsory to "Modernistic Architecture, -renewal, project" 15 hp, but is also open to other qualified students.