POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

COURSE DESCRIPTION CARD - SYLLABUS

Course name
Architecture and Applied Arts [S2Arch1>AiSzU]

Course

Field of study
Architecture

Year/Semester
1/2

Area of study (specialization)
–

Profile of study
general academic

Level of study
second-cycle

Course offered in
polish

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture
15

Laboratory classes
0

Other (e.g. online)
0

Tutorials
0

Projects/seminars
0

Number of credit points

1,00

Coordinators

Lecturers

Prerequisites

- the student has an ordered, theoretically grounded general knowledge covering key issues in the field of architecture and urban planning, as well as landscape architecture - the student has the knowledge necessary to understand the social, economic, legal, and other nontechnical determinants of architectural and urban design, - the student is able to obtain information from literature, databases, and other, properly selected sources, also in English, and is able to integrate information, interpret it, as well as draw conclusions and formulate and justify opinions - the student understands the need for lifelong learning2 - the student is aware of the social role of the architect and the related responsibility for the decisions made

Course objective

1. Obtaining expanded knowledge of selected specific issues in the field of design and architecture. 2. Getting acquainted with the latest trends in architecture and fashion design, including those resulting from deepened environmental awareness. 3. Getting to know the methods and ways of implementing the latest scientific achievements in the field of architecture and urban planning, as well as other related fields of design, including fashion. 4. Preparation for undertaking a research project. Gaining theoretical knowledge necessary to develop a research project as part of the subject: Research in architectural design - Architecture and Fashion.

Course-related learning outcomes

Knowledge:
C.W1. styles in art and related creative traditions and the process of realization of artistic works related to architecture and the workshop resources of related art disciplines;
C.W2. the issues of philosophy, with particular emphasis on aesthetics - to the extent to which it affects the quality of architectural, urban and planning creativity, necessary to formulate and solve complex tasks in the field of architectural and urban design and spatial planning, as well as the evaluation of existing and planned solutions;
C.W3. basic principles of scientific research methodology, including the preparation of scientific studies;

Skills:
C.U1. recognize various types of cultural products specific to architecture and conduct a critical analysis of them using typical methods in order to determine their meanings, social impact and place in the historical and cultural process;
C.U2. use properly such terms as aesthetic value, beauty and aesthetic experience, and perceive a broader, philosophical context of issues related to architectural and urban design;
C.U3. obtain information from literature, databases and other sources, also in a foreign language which is the language of international communication, in order to use them in the design process or - to a basic extent - in scientific activities;
C.U4. prepare a scientific study, define the subject, scope and purpose of scientific research;

Social competences:
-

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Learning outcomes presented above are verified as follows:
A series of lectures on ARCHITECTURE AND APPLIED ARTS constitutes the theoretical basis for the3 implementation of a Research and Project Studio. The lectures are credited on the basis of the research work to be divered at the end of the semester. Two submission deadlines are provided, the second being a resit.
Submission scope: The research project to be submitted is a presentation/description of a selected topic related to the fashion and architecture relationship. The topic selection requires the acceptance of the tutor.
Form and contents: The work to be submitted is a description of the topic chosen by the student in the form of a multimedia presentation - a paper/essay, a concise author's statement dealing with the essence of things, illustrated with figures, drawings, photos, created on the basis of the lectures, the author's own thoughts, and available literature and internet sources.
Work format: Work is realized in the form of a PowerPoint presentation. Apart from the PowerPoint file, scanned drawings (tiff or jpg) and photos, all named and provided with the source acknowledgment, shall be recorded separately on the disc.
Summative assessment:
- the grade obtained for participation in lectures reflects the knowledge and skills demonstrated in the delivered research project, which must be original and elaborated indivinually in the form of a PowerPoint presentation. The grade depends on the work's substantive value, the aesthetics of the graphic record and the author's ability to use sources.
Assessment scale: 2,0; 3.0; 3.5; 4.0; 4.5; 5.0

Programme content

1. Fashion is like architecture. Introduction to the course content. Discussion of the analogies that can be observed between architecture and fashion design.
2. An architect - a designer. Architect as a designer. Designer as an architect. Examples of architects who design both buildings and fashion (among others: Zaha Hadid, Frank Gehry, Richard Meier, Rem D. Koolhaas, Ron Arad). Discussion of the similarities between the work of an architect and that of a fashion designer. Basic design assumptions in architecture and fashion branches. What factors influence the design of architecture and fashion? What are they inspired by (apart from mutual inspiration)? To what extent does the style influence the world of fashion design?
3. Drawings by an architect and by a fashion designer. Drawing as a record of the conceptual work. Examples of conceptual drawings and sketches made by famous architects and fashion designers.

4. Fashion and architecture from antiquity to the present day. Styles in architecture and fashion in style. Comparisons with: the history of art (design), architecture and fashion, from antiquity to modern times, divided into epochs and with an indication of the characteristic features of the style.4
5. Modern technologies in architecture and fashion. Generative fashion, mobile architecture and "mobile" design, biomaterials in architecture and design, safety fashion, recycling in architecture and fashion design, the search for new energy sources, new production technologies in both fields, RFID (Radio - frequency identification), laser printing techniques, LED lighting, innovative materials used in architecture and design.
6. Theater of light in architecture and fashion. The use of light in architecture and fashion design, the play of light and shadow, the role of artificial light in both disciplines.
7. Photography in architecture and in fashion design. The image. Vogue for photographing architecture. Photography in fashion design. The most famous photographers.

Teaching methods

1. Lectures with multimedia presentations using: films, photos as well as archival materials from the Research in architectural design studio - Architecture and Fashion.
2. ekursy.put.poznan.pl platform (a system supporting the teaching process and distance learning).

Bibliography

Basic:
1. Basista Andrzej, Kompozycja dzieła architektury, TAiWPN UNIVERSITAS, Kraków, 2006, 83-242-0696-5.
2. Boucher Francois, Historia mody, Arkady, Warszawa, 2009, 978-83-231-4231-3.
3. Michalak Hanna, Modular. Moda i architektura / Modular. Fashion and architecture, Wydział Architektury Politechniki Poznańskiej, Poznań, 2016, ISBN 978-83-63549-81-7.
4. Pallasmaa Juhani, Oczy skóry - Architektura i zmysły , Instytut Architektury, Kraków 2012.
5. Zumthor Peter, Myślenie architekturą, Tytuł oryginału: Architektur Denke, Karakter, Kraków 2010, 978-83-62376-02-5.
6. Żórawski Juliusz, O budowie formy architektonicznej, Arkady, Warszawa 1962.
7. E-script of the "Research in architectural design studio - Architecture and Fashion", available on eKursy.

Additional:
1. Hansen Oskar, „Zobaczyć świat. Struktury wizualne: o wizualnej semantyce. Forma Zamknięta czy Forma Otwarta?", Zachęta Narodowa Galeria Sztuki, Akademia Sztuk Pięknych i Autorzy, Warszawa, 2005, 83- 89145-70-7
2. Krenz Jacek; Ideogramy Architektury. Między znakiem a znaczeniem; Wydawnictwo Bernardinum, Pelplin, 2010, 978-83-7380-806-55
3. Ruder Emil, Typografia porządku; w: P. Dębowski, J. Mrowczyk (red.), „Warto wiedzieć, wybór najważniejszych tekstów o dizajnie", Karakter, Kraków, 2011,978-83-62376-90-2
4. Sławińska Jadwiga, Ekspresja sił w nowoczesnej architekturze, Arkady, Warszawa, 1997, 83-2133868-2

Breakdown of average student's workload

	Hours	ECTS
Total workload	30	1,00
Classes requiring direct contact with the teacher	15	0,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	15	0,50