



COURSE DESCRIPTION CARD - SYLLABUS

Course name

2. Architecture and Fashion

Course

Field of study

Year/Semester

Architecture

I/2

Area of study (specialization)

Profile of study

-

general academic

Level of study

Course offered in

Second-cycle studies

polish/english

Form of study

Requirements

full-time

elective

Number of hours

Lecture

Laboratory classes

Other (e.g. online)

15

0

Tutorials

Projects/seminars

0

0

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

Assoc. Prof. D.Sc. Ph.D. Arch. Hanna Michalak

Responsible for the course/lecturer:

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Faculty of Architecture

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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 non-technical 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 learning



- 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

A.W5. principles of universal design, including the idea of designing spaces and buildings accessible to all users, in particular for people with disabilities, in architecture, urban planning and spatial planning, and ergonomic principles, including ergonomic parameters necessary to ensure full functionality of the designed space and facilities for all users, in particular for people with disabilities;

A.W8. the interdisciplinary nature of architectural and urban design and the need to integrate knowledge from other fields, as well as its application in the design process in cooperation with specialists in these fields.

Skills

A.U9. integrate information obtained from various sources, formulate their interpretation and critical, detailed analysis and draw conclusions from them, as well as formulate and justify opinions and demonstrate their relationship with the design process, based on the available scientific achievements in the discipline;

Social competences

-

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

A series of lectures on ARCHITECTURE AND FASHION constitutes the theoretical basis for the implementation of a research project. 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 individually 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.
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. eLearning Moodle platform - eKursy (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, 978-83-7380-806-5
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	50	2,0
Classes requiring direct contact with the teacher	16	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) ¹	34	1,0

¹ delete or add other activities as appropriate