

<b>THE CARD OF DESCRIPTION THE EDUCATION MODULE</b>			
Name of course/module <b>RESEARCH-PROJECT DESIGN STUDIO ARCHITECTURE AND FASHION</b>			Code <b>AU_K_2.2_005</b>
Main field of study <b>ARCHITECTURE AND URBAN PLANNING</b>		Education profile (general academic, practical) <b>general academic</b>	Year / Semester <b>1/2</b>
Specialization		Language of course: <b>Polish</b>	Course (core, elective) <b>core</b>
Hours <b>15</b> Lectures: <b>X</b> Classes:      Laboratory classes: Projects / seminars:			Number of points <b>1</b>
Level of qualification: <b>II</b>	Form of studies (full-time studies/part-time studies) <b>Full-time studies and part-time studies</b>	Education area(s) <b>Technical Sciences</b>	ECTS division (number and %) <b>1 100%</b>
Course status in the study program (basic, directional, other) <b>directional</b>		(general academic, from other field of study) <b>general academic</b>	
<b>Responsible for course/lecturer:</b> xxx e-mail: xxx tel. xxx Faculty of Architecture ul. Nieszawska 13C, 61-021 Poznań tel.: 061 665 32 55		<b>Responsible for course/lecturer:</b> dr inż. arch. Hanna Michalak e-mail: hanna.michalak@put.poznan.pl tel. 61 665 32 67 Faculty of Architecture ul. Nieszawska 13C, 61-021 Poznań tel.: 061 665 32 55	
<b>Prerequisites of knowledge, skills, social competences:</b>			
1	<b>Knowledge:</b>	<ul style="list-style-type: none"> <li>▪ student has explicit, theoretically based knowledge including the key issues of architecture and urban planning and also landscape architecture,</li> <li>▪ student has knowledge required for the understanding of social, economic, legal and other determinants outside the engineering field of architectural designing and urban planning,</li> </ul>	
2	<b>Skills:</b>	<ul style="list-style-type: none"> <li>▪ student can acquire information from field specific literature, data bases and other properly selected sources in Polish and English, can integrate the acquired information, interpret the said information, as well as draw conclusions and come up with opinions supported with satisfactory reason</li> </ul>	
3	<b>Social competences:</b>	<ul style="list-style-type: none"> <li>▪ student understands the need for lifelong learning,</li> <li>▪ is aware of the social role of the architect and liability for affecting decisions.</li> </ul>	
<b>Objective of the course:</b>			
<ul style="list-style-type: none"> <li>▪ Gaining the increased knowledge in the scope of selected and detailed issues of architectural designing and design.</li> <li>▪ Learning the latest trends in the scope of architecture and fashion design, also ecological fashion design.</li> <li>▪ Learning the methods and ways of implementation of the newest scientific achievements in the scope of architecture and urban planning as well as fields connected with the field of study being studied, including pattern-designing and fashion design.</li> <li>▪ Preparation to the scientific researches. Gaining the theoretical knowledge required for development of research project in the framework of the course: Research-project design studio B.</li> </ul>			

<b>Learning outcomes</b>		
<b>Knowledge:</b>		
number (symbol)	Having completed the course, student can:	Reference to the outcomes of the learning process in the area of technical sciences
W01	has theoretically based knowledge and detailed knowledge of selected issues of the architecture and urban planning and fashion design, especially of analogies occurring in the work of architect and designer of fashion design	<b>AU2_W01</b>
W02	has knowledge of development trends and most important achievements in design, architectural designing, especially in the scope of new technologies in architecture and pattern-designing	<b>AU2_W02</b>
W03	student has knowledge required for the understanding of social, economic, legal and other determinants outside the engineering field and has basic knowledge related to quality management	<b>AU1_W03</b>
W04	has detailed knowledge related to selected issues in the scope of architectural designing and urban planning and can use the knowledge in the scope of fields of study connected with field of study being studied (in the case of the course of Architecture and fashion: pattern-designing, painting, sculpture)	<b>AU2_W12 T2A_W02</b>
<b>Skills:</b>		
number (symbol)	Having completed the course, student can:	Reference to the outcomes of the learning process in the area of technical sciences
U01	can acquire information from field specific literature, data bases and other properly selected sources in Polish and English, can integrate the acquired information, interpret and critically assess the said information, as well as draw conclusions and come up with opinions supported with satisfactory reasons	<b>AU2_U01</b>
U02	can specify the directions of further education and can undertake the self-education process	<b>AU2_U03</b>
U03	can assess the usefulness and possibility of using the new achievements in the scope of architecture and urban planning as well as related fields	<b>AU2_U06</b>
<b>Social competences:</b>		
number (symbol)	Having completed the course, student can:	Reference to the outcomes of the learning process in the area of technical sciences
K01	student understands the need of continuous self-education, improvement of professional, personal and social competences	<b>AU2_K04</b>
K03	is aware of the importance of non-technical aspects and effects of engineering activities, in this impact upon the environment and liability for environment affecting decisions	<b>AU2_K05</b>

### Methods of check the learning outcomes

A series of lectures of **ARCHITECTURE AND FASHION** is a theoretical basis to implementation of research project in the framework of course: **Research-project design studio**. Lectures end with the credit based on research-semester elaboration. There are projected two terms of credit, but the second is resit term.

**Research-semester elaboration** (individual topic given by the teacher):

**Content.** The work is a description of selected topic in the form of multimedia presentation – report, brief author's utterance of essence of the matter illustrating by figures, drawings, photos, formed on the basis of author's own reflections and available publications and Internet resources.

**Work format.** The work in the form of Power-Point presentation. CD should include Power-Point presentation, with elaboration of topic, recorded separately scanned drawings (tiff or jpg), photos (named and with indication of source).

**Forming evaluation:** active participation in lectures, what is confirmed attendance at 3 from 7/8 lectures.  
Final grading scale 2,0; 3,0; 3,5; 4,0; 4,5; 5,0

#### Summary score:

Assessment for preparation of short research-semester elaboration with the assessment of student participation in lectures.

Final grading scale 2,0; 3,0; 3,5; 4,0; 4,5; 5,0

### Course contents

1. **Fashion is like an architecture.** Presentation of analogies occurring in fields: architecture and fashion design.
2. **Architect – designer.** Architect as a designer. Designer as an architect. Examples of architects designing both buildings and clothes (among others: Zaha Hadid, Frank Gehry, Richard Meier, Rem D. Koolhaas, Ron Arad ). Presentation of similarities in work of architect and fashion designer; Fundamental assumptions of designing buildings, clothes. What factors do influence on buildings design and clothes design; What are inspirations obtained from (except for mutual inspiring themselves). In what extent does the stylistics affect on projects of fashion world.
3. **Drawing of architect and designer of fashion design**  
Record of conceptual work of the best architects and the most famous designers of fashion design.
4. **Clothes and architecture from antiquity to present days.** Styles in architecture and fashion in style. Comparisons from: fashion from antiquity to present days with division on epochs and indication of typical features of style.
5. **New technologies in architecture and fashion.** Generative fashion, mobile architecture and “mobile” design, biomaterials in architecture and in design, fashion of safety, recycling in architecture and fashion design, searching the new energy sources, new technology of production in both fields, RFID (*Radio-frequency identification*), techniques of laser printing, LED, innovative materials used in architecture and in design.
6. **Theatre of light in architecture and in fashion.** The use of light in architecture and fashion design, play of light and shadow, the importance of artificial light in both disciplines.
7. **Photography of architecture & photography of fashion design as a picture.** Fashion on: photographing the architecture and fashion photography. The best photographers in the world.

#### Basic bibliography:

- Basista Andrzej, *Kompozycja dzieła architektury*, TAIWPN UNIVERSITAS, Kraków 2006

- Ciechowski Kazimierz, *Podstawy kompozycji architektonicznej*, Politechnika Wrocławska, Wrocław 1974

- Krenz Jacek; *Ideogramy Architektury. Między znakiem a znaczeniem*; Wydawnictwo Bernardinum; 2010

- Martin Richard; Moda. Encyklopedia. Od Coco Chanel do Johna Galliano; 1999
- Pallasmaa Juhani, *Oczy skóry- Architektura i zmysły*, Instytut Architektury, Kraków 2012
- Seivewright Simon "Basics Fashion Design 01 : Research and Design" AVA Publishing 2007,
- Strumiłło Krystyna, *Oryginalność form w architekturze współczesnej*, Biblioteka Cyfrowa Politechniki Krakowskiej
- Tilley A. R., Dreyfuss H., *The Measure of Man and Woman- Human Factors in Design*, New York, 2002
- Zumthor Peter, *Myślenie architekturą, Tytuł oryginału: Architektur Denke*, Karakter, Kraków 2010
- Żurawski J., *O budowie formy architektonicznej*, Arkady, Warszawa 1962,

**Complementary bibliography:**

- 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
- Ruder Emil, *Typografia porządku*; w: red. Przemek Dębski, Jacek Mrowczyk, *Warto wiedzieć, wybór najważniejszych tekstów o dizajnie*, Wydawnictwo Karakter, Kraków 2011
- Sławińska J., *Ekspresja sił w nowoczesnej architekturze*, Wydawnictwo Arkady, Warszawa 1997, ISBN 83-213-3868-2

**The workload of student**

Form of activity	Hours	ECTS
Total workload	30	1
Activities that require individual contact with the teacher	17	0
Activities of practical	0	0

**Balance the workload of the average student**

Form of activity	Number of hours
participation in lectures	15h
participation in classes/ laboratory classes (projects)	0
preparation for classes/ laboratory classes	0
preparation to colloquium/final review	13h
participation in consultation related to realization of learning process	2 h
preparation to the exam	0 h
attendance at exam	0 h

**Total workload of student:**

**1 ECTS credit**

**30h**

As part of this specified student workload:

- activities that require direct participation of teachers:

15,0 h + 2 h = 17 h

1 ECTS credit