COURSES OFFERED IN ENGLISH - FACULTY OF ARCHITECTURE 2016/17

PROGRAMME TENNESSEE
1. Urban Design International Programme – Programme Tennessee (limited access)

LECTURES & SEMINARS
2. Urban Revitalization
3. History of Polish Architecture
4. Contemporary Urban Design Theories (lectures)
5. Contemporary Urban Design Theories (lectures + seminars)
6. Urban Transport – Theory
7. Urban Design Of City Centers – Theory

RESEARCH & SEMINARS
8. Preservation of Monuments And Revalorization I
9. Preservation of Monuments And Revalorization II – Archeotecture
10. Protection of Historical Urban Complexes (seminars)
11. Building Construction Systems (individual research)
12. Building Surveying (individual research)
13. Building Structures (individual research)
14. Cad Techniques I – CAD Modeling
15. Cad Techniques II – CAD BIM
16. Places non Places (seminars)
17. Ecology and Environmental Protection (seminars)
18. Eco City Concept (seminars)
19. Regional Planning

ARTISTIC SUBJECTS
20. Photography
21. Freehand Drawing and Painting
22. Freehand Drawing - Architectural Perspective Drawings
23. Freehand Drawing, Painting and Composition I
24. Freehand Drawing, Painting and Composition II
25. Sculpture

PROJECTS/ DESIGNING
ARCHITECTURAL & URBAN DESIGN
26. Residential Buildings Design I – single-family housing A
27. Residential Buildings Design I – single-family housing B
28. Residential Buildings Design II – multifamily housing
29. Residential Buildings Design II - Architectural and Urban Design of Residential Complexes
30. Residential Buildings Design II - Architectural and Urban Design of Multifamily Housing A
31. Residential Buildings Design II - Architectural and Urban Design of Multifamily Housing B
32. Residential Building Design II - Urban Infill
33. Architectural and Urban Design of Service Complexes 1&2
34. Public Use Building Design I (advanced design) A
35. Public Use Building Design I (advanced design) B

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36. Public Use Building Design II (Master Degree - advanced design) A
37. Public Use Building Design II (Master Degree - advanced design) B
38. Architectural Design of Service Buildings - Naturally Shaped Architecture (NSA 1&2)
40. Architecture Design of Public Buildings - Naturally Shaped Architecture (NSA 4) – (Master Degree - advanced design)
41. Industrial Architectural Design
42. Spatial Planning A
43. Spatial Planning B
44. Design for Conservation
45. Architecture and Planning in the Countryside
46. Multi-Family Housing Design A
47. Multi-Family Housing Design B – Arch. and Urban Design of Multifamily Residential Complexes
48. Multi-Family Housing Design C - Arch. and Urban Design of Multifamily Residential Complexes
49. Multi-Family Housing Design D - Arch. and Urban Design of Multifamily Residential Complexes
50. Urban Design A
51. Urban Design B
52. Urban Design C
53. Urban Design D - Redevelopment of a Part of a City with Prevalent Service Function
54. Urban Design E - Redevelopment of a Part of a City with Prevalent Service Function
55. Urban Design of City Centers
56. Special Topics Design: Design Studies - The Search for an Architectural Pretext
57. Special Topics Design: Design Studies of Form, Function And Structure
58. Special Topics Design: Urban Design A
59. Special Topics Design: Urban Design B
60. Special Topics Design: Urban Design C
61. Special Topics Design: Urban Design D
62. Special Topics Design: Urban Design E
63. Special Topics Design: Sustainable Design in Urban and Architectural Scale
64. Special Topics Design: Urban and Environmental Protection
65. Special Topics Design: Town, Spatial And Regional Planning, Spa and Health Resorts Planning
66. Special Topics Design: Contemporary Urban Design Theories

PROJECTS/ DESIGNING

LANDSCAPE ARCHITECTURE DESIGN – INTEGRATED DESIGN STUDIOS

67. IDS 3 - Urban Public Space (street & square)
68. IDS 4 - Revalorization of Historic Gardens
69. IDS 5 - Public Park
70. IDS 6 - Post – industrial areas
71. IDS 7 - Composition in Open Landscape
COURSE TITLE:
URBAN DESIGN INTERNATIONAL PROGRAMME – PROGRAMME TENNESSEE

Erasmus subject code: 02.0
Duration: 1 semester (Spring Semester)
ECTS credits: 30 (European system)

Programme description: The Faculty of Architecture through its International Programme offers an opportunity to study Architecture and Urban Design within the inspiring context of a European City. The full-time semester programme, has been tailored to suit students in Architecture at the 3rd to 5th year level, who wish to broaden their experience studying abroad for one semester.

The International Programme has a long tradition, started in 1992. Its major components has been an exchange with the University of Tennessee, United States, from which a group of 15-20 students come each year to spend the Spring Semester in Cracow.

The main component of the programme is Design Studio (15 hours a week) focusing on creating new architecture sited within historic urban context. The project breaks up into three clearly defined stages: Urban Analysis, Urban Design and Architectural Design. The Design Studio is supported by subjects in Theory and History of Architecture, Theory of Urban Design, Drawing, Painting and Sculpture where students can explore issues relevant to their design assignment.

Trips through Europe and Poland provide an opportunity to experience firsthand the best of the heritage and contemporary architecture of the region. An organized nine-day-study trip to European Centers may include: Vienna, Prague, Venice, Florence, Padua, Berlin, etc. A six-day trip through Poland explores historic towns, castles, palaces, cathedrals, monasteries and other historic structures and landscapes. (Study trips incurs additional fees). In their free time students are encouraged to visit other places of professional interest both in Poland and in the broader region.

Eligibility/Admission: 3rd to 5th year level architecture students within exchange programme Tennessee or as fee paying students from other universities

Contact person: Krzysztof Bojanowski, PhD Arch., phone #: +48 12 628-31-13
e-mail: kbojanowski@poczta.fm
LECTURES & SEMINARS
COURSE TITLE: 
URBAN REVITALIZATION (LECTURES & SEMINARS)

Institute/Division: A5 - Institute of Urban and Regional Planning and Design

Erasmus subject code: 02.1 / 02.3 / 02.4
Number of contact hours: 15
Course duration: 1 semester (Fall)
ECTS credits: 3

Course description: The course’s goal is to develop the ability to analyze specific project related to urban revitalization strategies in the context of spatial policy documents for a given city. The course traces interrelations between urban decline and public/private strategies, projects and actions taken to revitalize inner cities with particular reference to the post-industrial areas and close-to-station areas. Focus is put on urban revitalization projects combined with the redevelopment of city centres in major metropolitan areas in EU.

Major issues: Doctrinal and strategic framework for revitalization programs and projects. Case studies of selected “flagship projects”. Comparative analysis; assessment criteria. Specific revitalization projects in the city of Cracow at the background of spatial policy documents.

Literature:
- Chatterji M., R. Domański, (editors), Urban and Regional Management in Countries in Transition; Polish Academy of Sciences, Warsaw 1996
- Lorens P., (editor), Large Scale Urban Developments, Technical University of Gdansk Publishing Gdansk 2001
- Zuziak Z., Managing Historic Cities, International Cultural Centre Cracow, Cracow 1993

Course type: Lectures and seminars

Assessment method: Attendance and the paper (case study regarded as written exam) presented during the course

Prerequisites: Basic course on urban design and planning

Primary target group: 4th and 5th year students in Architecture and Urban Planning

Lecturer: Zbigniew Zuziak, Prof. DSc PhD Arch.
Contact person: Zbigniew Zuziak, Prof. DSc PhD Arch.
e-mail: a5-institute@pk.edu.pl or zzuziak@nsnet.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
HISTORY OF POLISH ARCHITECTURE (LECTURES)


Erasmus subject code: 02.9
Number of contact hours: 30
Course duration: 1 semester (Fall or Spring Semester)
ECTS credits: 3

Course description: This course investigates the theory and practice of Polish architecture from the end of 9th c. till the end of 20th c. based on examples located in Cracow. The students will examine general and local factors of development of architecture. It is intended to provide a understanding of general tendencies and local diversities in history of architecture. By visiting sites in Cracow the students will meet variety of historic architecture in Poland. The field case study method is mostly used for this examination.

Literature:
- Miłobędzki, Adam, The Architecture of Poland, MCK Cracow 1994;
- Ostrowski, Jan, Cracow, Cracow 1982;
- Zachwatowicz, Jan; Polish Architecture, Warsaw 1967.

Course type: Field seminars and lectures

Assessment method: Attendance and the final exam

Prerequisites: none

Primary target group: 3rd, 4th, and 5th year students in Architecture

Lecturer: Jacek Czubiński, PhD Arch.

Contact person: Jacek Czubiński, PhD Arch., phone #: +48 12 628-24-16; +48 503 035 289; e-mail: jacek.czubinski@wp.pl

Deadline for application: beginning of the Fall or Spring Semester (according to the schedule)
COURSE TITLE:
CONTEMPORARY URBAN DESIGN THEORIES (LECTURES)
Institute/Division: A3 - Institute of Urban Design, A-33 - Division of Urban Spaces

Erasmus subject code: 02.0
Number of contact hours: 15
Course duration: 1 semester (Fall)
ECTS credits: 3

Course description: Lectures are focused on the following themes:
• Basic definitions: City, Urbanism, Urban Design
• History of City development in XIX Century
• History of City development in XX Century
• History of City development in XXI Century
• Future Cities
• History of Polish Cities in XX and XXI Centuries
• PARIS as an example
• BARCELONA as an example
• The Space of The City – its Structure, Form and Perception

Literature:

Course type: Lectures
Assessment method: Attendance and test
Primary target group: 3rd, 4th and 5th year students in Architecture

Lecturer: Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch.,

Contact person:
Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch., phone #: +48 12 628 24 30;
e-mail: akanta@poczta.onet.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
CONTEMPORARY URBAN DESIGN THEORIES (LECTURES+ SEMINARS)

Institute/Division: A3 - Institute of Urban Design, A-33 - Division of Urban Spaces

Erasmus subject code: 02.0
Number of contact hours: 18
Course duration: 1 semester (Fall)
ECTS credits: 6 = 3 (lectures) + 3 (seminars)

Course description:
Lectures are focused on the following themes:

- Basic definitions: City, Urbanism, Urban Design
- History of City development in XIX Century
- History of City development in XX Century
- History of City development in XXI Century
- Future Cities
- History of Polish Cities in XX and XXI Centuries
- PARIS as an example
- BARCELONA as an example
- The Space of The City – its Structure, Form and Perception

Discussion and essay on chosen theme

Literature:

Course type: Lectures and Seminar
Assessment method: Attendance, test and evaluation of the final submission (essay)
Primary target group: 3rd, 4th and 5th year students in Architecture

Lecturer: Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch.,

Contact person:
Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch., phone #: +48 12 628 24 30;
e-mail: akanta@poczta.onet.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
URBAN TRANSPORT - THEORY (LECTURES & SEMINARS)
Institute/Division: A3 - Institute of Urban Design, Division of Public Spaces for Movement

Erasmus subject code: 02.3 / 02.6
Number of contact hours: 15 (lectures and seminars)
Course duration: 1 semester (Fall)
ECTS credits: 3

Course description: The course involves lectures on issues related to planning and design of networks and spaces for traffic and circulation in the cities. It deals with basic technical problems of urban transport, composition of relevant urban spaces, and generally interrelations of transport and urban design. The lecture topics include:
- transport issues and their role in planning and urban design;
- general characteristics of various transportation modes: tram, bus, rapid transit, car, bike, pedestrian movement, dual-mode systems, etc.;
- impact of transport technology on urban development and form;
- transport development strategies: role of public transport, impact of motorized traffic on urban environment, traffic calming concepts, transport demand management policies;
- street networks and street hierarchy in urban areas;
- street space composition, street as part of urban public space.

Literature:
- H. Frey: Designing the City, E&FN Spon, Londyn 1999
- K. Bieda: Street Space in the City not only for Automobiles in: Public Space of Contemporary City, Conference Proceedings, Wydawnictwo Politechniki Krakowskiej, Cracow 2005
- B. Niels: Design in Human Scale, or how to make sitters, bikers and drivers meet and feel comfortable, in: Public Space of Contemporary City, Conference Proceedings, Wydawnictwo Politechniki Krakowskiej, Cracow 2005

Course type: Lectures

Assessment method: Written test

Primary target group: 3rd year students in Architecture

Lecturer: Kinga Racoń-Leja PhD Arch.
Contact person: Kinga Racoń-Leja PhD Arch., e-mail: krleja@pk.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
LECTURES: URBAN DESIGN OF CITY CENTRES - THEORY

Institute/Division: A3 - Institute of Urban Design; Division of Public Spaces for Movement

**Erasmus subject code:** 02.3  
**Number of contact hours:** 15  
**Course duration:** 1 semester (Spring)  
**ECTS credits:** 3

**Course description:** Lectures are focused on problems of contemporary changes of city areas and multi-functional centers design. Discussing this attention was drawn to the issue of communication and interaction as seen through sociological and psychological conditions but in reference to and in association with public space.

The lecture topics include:
- Spatial surroundings and human psyche - classification of effect conditions;
- The way we play' on public space as a stage of everyday life theatre - the role theory and the play theory by Irving Goffman;
- Form and meaning in architectural and urban composition - Juliusz Żórawski and Kazimierz Wejchert's theories;
- Sense of identity and its importance for cities and regions competitions.

**Literature:** Basic literature on urban design and urban renewal

**Course type:** Lectures

**Assessment method:** Attendance and evaluation of the final submissions (critical essay or 15 min. PowerPoint presentation)

**Primary target group:** 3rd & 4th year students in Architecture

**Lecturer:** Anna Franta, Assoc. Prof. DSc PhD Arch

**Contact person:** Anna Franta, Assoc. Prof. DSc PhD Arch.; phone #: +48 12 628-24-70; e-mail: studio_ut@pk.edu.pl

**Deadline for application:** beginning of the Spring semester (according to the schedule)
COURSE TITLE: PRESERVATION OF MONUMENTS AND REVALORIZATION I


Course code: C1-4
Erasmus subject code: 02.9
Number of contact hours: 15 (seminars) + 15 (individual tutoring)
Course duration: 1 semester (Fall)
ECTS credits: 4

Course description: Conveying the essential areas of knowledge connected with the problems of monument preservation: the development of European theory and practice; regional particularities of the Polish lands; acquaintance with the methodologies and principles of conservation design and the technologies of preservation work.

Literature: Readings on theory of monuments preservation methodology and technical aspects.

Course type: Seminars + individual tutoring

Assessment method: Attendance and the evaluation of the final submission

Prerequisites: none

Primary target group: 3rd, 4th, and 5th year students in Architecture

Lecturer: Andrzej Kadluczka, Prof. DSc PhD Arch.,
Tutor: Anna Białasik, PhD Arch.

Contact person:
Anna Białasik, PhD Arch., phone #: +48 12 628-24-08; +48 600 312 236; e-mail: bialasik@neostrada.pl

Deadline for application: beginning of the Fall semester (according to the schedule)

Remarks: Seminars (4 ECTS) may accompany Design for Conservation in Spring semester
COURSE TITLE:
PRESERVATION OF MONUMENTS AND REVALORIZATION II - ARCHEOTECTURE


Erasmus subject code: 02.9
Number of contact hours: 30
Course duration: 1 semester (Spring)
ECTS credits: 4

Course description:
The first part of the course is to develop, based on the provided primers and test results, a three-dimensional computer model, showing the reconstructed body of the building, in a given historical period, which is based on architectural relics discovered. The basis for the architectural design of conservation as a key to protect the monument of architecture is to search for the most appropriate features for contemporary architectural form generated as "archeotecture". It is therefore the place for quite contemporary architectural creation, whose task will be to create a dialogue between past and present. This is the second part of the task in the proposed course.
The result of the proposed activities to be performed by the student reconstruct a virtual model of the object, stored in the form of a relic of architectural and conceptual design for the exposure, using both the object itself and its nearest surroundings. The project will include a basic floor plans, sections and elevations at a scale of 1:100 and print selected shots from the reconstruction of the virtual block. 1-2 computer visualization of the proposed solution will be also required.

Literature: Readings on theory of monuments preservation methodology and technical aspects.

Course type: Lectures, Seminars + individual tutoring

Assessment method: Attendance and the evaluation of the final submission

Prerequisites: none

Primary target group: 3rd, 4th, and 5th year students in Architecture

Lecturer: Andrzej Kadluczka, Prof. DSc PhD Arch. ,
Tutor: Klaudia Stala, PhD Arch., Sroczyńska J., PhD Arch

Contact person: Klaudia Stala, e-mail: neferit@interia.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE:
PROTECTION OF HISTORICAL URBAN COMPLEXES (seminars)


Number of contact hours: 15

Course duration: 1 semester (Spring Semester)

ECTS credits: 3

Course description: Historical urban complexes are important elements of cultural heritage of each country. The aim of the course is sharing with students essential knowledge concerning historic values of a historic city and rules for protecting those values. Students will learn examples of the most interesting medium-sized historical towns from Lesser Poland and also problems connected with their protection.

Literature: basic literature on history of architecture, history of urban design and monument protection

Course type: seminar

Assessment method: attendance and the paper

Prerequisites: basic knowledge acquired during the courses of: history of architecture, history of urban design and monument protection

Primary target group: 3rd, 4th and 5th year students of Architecture


Contact person: Dominika Kuśnierz-Krupa, D.Sc. Ph.D. arch., email: dkusnierz-krupa@pk.edu.pl, dkk@zeriba.pl
COURSE TITLE: BUILDING CONSTRUCTION SYSTEMS (individual research)

Institute/Division: A4 - Institute of Construction Design, Division of General Building Systems and Construction Materials

Erasmus subject code: 02.9
Number of contact hours: 30
Course duration: 1 semester (available in Fall and Spring Semester)
ECTS credits: 2 (minimum)

Course description: The task of this course is to help students to elaborate the alternatives of technical solutions of the most important details of their design work. Basic form of drawings – from freehand conceptual sketches to technical drawings.

Literature: Basic literature on technical solutions

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission

Prerequisites: Architectural Studio

Primary target group: 3rd and 4th year students in Architecture

Lecturer: Wacław Celadyn, Prof. DSc PhD Arch.
Tutor: Robert Marcinkowski, PhD Arch.

Contact person:
Robert Marcinkowski, PhD Arch., phone #: +48 12 628-24-59;
e-mail: rob500@gazeta.pl

Deadline for application: beginning of the Fall or Spring Semester (according to the schedule)
COURSE TITLE:
BUILDING SURVEYING (individual research)

Institute/Division: A4 - Institute of Construction Design, Division of General Building Systems and Construction Materials

Erasmus subject code: 02.9
Number of contact hours: 30
Course duration: 1 semester (available in Fall and Spring Semester)
ECTS credits: 2 (minimum)

Course description: The task of this course is to help students to elaborate the alternatives of technical solutions of the most important details of their design work. Basic form of drawings – from freehand conceptual sketches to technical drawings.

Literature: Basic literature on technical solutions

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission

Prerequisites: Architectural Studio

Primary target group: 3rd and 4th year students in Architecture

Lecturer: Wacław Celadyn, Prof. DSc PhD Arch.
Tutor: Robert Marcinkowski, PhD Arch., Łukasz Wesołowski, PhD Arch.

Contact person:
Łukasz Wesołowski, PhD Arch. e-mail: lukaszw@pk.edu.pl
Robert Marcinkowski, PhD Arch., phone #: +48 12 628-24-59; e-mail: rob500@gazeta.pl

Deadline for application: beginning of the Fall or Spring Semester (according to the schedule)
COURSE TITLE: BUILDING STRUCTURES (individual research)
Institute/Division: A4 Institute of Construction Design, Division of Building Techniques

Erasmus subject code: 02.9  
Number of contact hours: 30  
Course duration: 1 semester (available in Fall and Spring Semester)  
ECTS credits: 2 (minimum)

Course description: The main goal of this course is to help students during their design work and connected with proper solutions combining together building function and structure. Student is obliged to select one topic among three main groups of tasks or she/he has right to propose another individual topic of the research, which is strictly within the basic teaching problems of this course. Students can work individually or in groups of maximum 3 persons. The first of the main topics refers to the comprehensive research of structural system of a chosen building including general aspects of stability, problems of structural design of component parts together with issues of assembly and maintenance of the whole building caused by application of the applied support system. The second one is connected with structural design of selected members of the bearing building structure together with the basic static calculations, structural drawings etc. The third kind of the main topics is to present the general and basic problems of various forms and types of structural systems, which may be applied as the support structures for the same type of objects, of the equal geometrical sizes and the same functional purposes. For this topic students have to prepare suitable static calculations and appropriate drawings. For all types of the main topics the final presentation done in Power Point is obligatory.

Literature: Basic literature on technical solutions in form of technical manuals, building codes, national and international journals in appropriate fields of engineering and architectonic issues.

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission

Prerequisites: Architectural Studio

Primary target group: 3rd and 4th year students in Architecture

Lecturer: Janusz Rębielak, Prof. DSc PhD Arch.

Contact person: Janusz Rębielak, Prof. DSc PhD, Arch.; e-mail: jrebielak@wp.pl

Deadline for application: beginning of the Fall or Spring Semester (according to the schedule)
COURSE TITLE: CAD TECHNIQUES 01 – CAD MODELING

Institute/Division: A43 - Institute of Construction Design; Division of Descriptive Geometry, Technical Drawing and Engineering Graphics

Number of contact hours: 30
Course duration: 1 or 2 semesters (Fall and/or Spring Semester)
ECTS credits: 4

Course description: Application of Computer Aided Design methods and techniques into practice. Includes techniques for creating 2D vector (AutoCAD) and raster (Photoshop, GIMP) graphics and 3D drawings which are directly related to the real-world architectural structures. New concepts of 3D architectural design and modeling with AutoCAD, Mudbox, Blender, 3dsMax applications. Introduction of modern tools (Drawing Board, 3D printer) and methods (Solution for Teamwork, “working in the cloud”) into design process: starting from a 3D modeling, through visualization, animation (AutoCAD, 3dsMax Design, Mudbox) into technical layouts, cross sections and dimensioning creation (blueprints). Advanced level of the course is offered in the second semester.

Literature: Basic literature on Graphics, CAD, Geometry and Technical Drawing

Course type: Computer laboratory: individual design work

Assessment method: Evaluation of all design assignments

Prerequisites: Basic knowledge on the architectural design, basic ICT skills

Primary target group: All level students in Architecture, Landscape Architecture, Civil Engineering

Lecturer: Marek Cyunel, MSc Arch.

Contact person:
Marek Cyunel, MSc Arch.; phone #: +48 12 628 29 92 or +48 602 678 044;
e-mail: mcyunel@usk.pk.edu.pl, mcyunel@gmail.com
COURSE TITLE:  
CAD TECHNIQUES 02 – CAD BIM

Institute/Division: A43 - Institute of Construction Design; Division of Descriptive Geometry, 
Technical Drawing and Engineering Graphics

Number of contact hours: 30  
Course duration: 1 or 2 semesters (Fall and/or Spring Semester)  
ECTS credits: 4

Course description: Application of Computer Aided Design methods and techniques into 
practice. Includes BIM (Building Information Modeling) technology for creating 3D objects 
with AutoCAD Architecture, Revit and ArchiCAD applications. Introduction of modern tools 
(Drawing Board, 3D printer) and methods (BIM, BEM – Building Energy Model, Graphisoft 
Virtual Building Solution for Teamwork, “working in the cloud”) into design process: starting 
from a 3D modeling, through visualization (3dsMax Design, Artlantis), animation (ArchiCAD, 
3dsMax Design, Artlantis) and Virtual Reality (BIMX) into technical layouts, cross sections 
and dimensioning creation (Technical Documentation). Working with Graphisoft EcoDesigner 
- a new technology for Sustainable Design - enables quick and efficient evaluation of 
alternative solutions based on energy consumption, carbon footprint and monthly energy 
balance and thereby optimize the design process. Advanced level of the course is offered in 
the second semester.

Literature: Basic literature on Graphics, CAD, Geometry and Technical Drawing

Course type: Computer laboratory: individual design work

Assessment method: Evaluation of all design assignments

Prerequisites: Basic knowledge on the architectural design, basic ICT skills

Primary target group: All level students in Architecture, Landscape Architecture, Civil 
Engineering

Lecturer: Marek Cyunel, MSc Arch.

Contact person:  
Marek Cyunel, MSc Arch.; phone #: +48 12 628 29 92 or +48 602 678 044; 
e-mail: mcyunel@usk.pk.edu.pl, mcyunel@gmail.com
COURSE TITLE: PLACES – NON PLACES (seminars)
Institute/Division: A3 - Institute of Urban Design; Chair of Housing Environment

Number of contact hours: 15
Course duration: 1 semester (Fall)
ECTS credits: 3

Course description:
People constantly take different choices in life. The choice of a place that becomes the place of dwelling is the most important decision in one’s life. A person chooses between a place where one can belong to, the anchor of some kind and a need of pilgrimage, making mobility the key element of life. Community or individuality?
Living in community means to have own identity, address, roots in the place, a sense of belonging to a certain group of people.
This model of people “creates” places, builds them, makes them living structures, is connected to them emotionally and spiritually. As Marc Auge puts it: a man “is imprisoned and closed in those places”. The value of the place is the leading element.
Non places are space met more and more often. Space of flows that belongs to nobody and so is alien. The main aim is the move, the flow, the changeability and the loneliness. They have no ability to creating a value of the place.
A lot of researches describe society of a net as a result of a hyper – modernity: Jean Baudrillard,.. Manuel Castells, Antoni Negri, Umberto Eco
In the situation when “everything reminds everything else” ‘non places’ start to remind places, longing for the place is born.
The strategy of rooting - that aims to searching for places in forgotten and alienated places; in cities and city centres - starts to mean a lot.

Literature:
- Collection La Librairie du XX I siècle, 1992
- Castells Manuel, Siła tożsamości, Wydawnictwo Naukowe PWN, Warszawa 2009
- Baudrillard Jean, La socie  , ses mythes, ses structures
  Denoel, Paris 1970

Course type: seminars
Assessment method: Study to pass the exam/seminar. A choice of a place and of a non place as a particular location in Poland, description of their value and a photo documentation. The goal is a place, the space that makes sense to us and its influence on us.
Primary target group: 3rd, 4th, 5th year students of Architecture

Contact person: emails: krystyna.paprzyca@xl.wp.pl, j.kobylarczyk@op.pl

www.waerasmus.pk.edu.pl  erasmus_wa@hotmail.com  Faculty of Architecture 2016/17
COURSE TITLE: ECOLOGY AND ENVIRONMENTAL PROTECTION
Institute/Division: A5 - Institute of City and Regional Design; Chair of Spatial Planning and Environment Protection

Number of contact hours: 30
Course duration: 1 semester (Fall)
ECTS credit: 3

Course description: Lectures present knowledge on the activities aimed at balancing the development, being the basis for shaping the conditions of human life in urbanized areas. The questions presented concern the connections between the manner of managing space with environmental quality, the manner of limiting the impacts of improper management of natural resources, methodology of assessing the environmental impact of a development (EIA), and the influence of the idea of conservation of the natural environment on the shaping of planning and architectural assumptions.

The seminars deal with learning the influence of various development activity on the transformations of individual components of the environment and ways of countering them. Students learn the methods of analyzing the environment and identification of determinants of the ecological & physical geographic type, and are given an opportunity to consider the environmental impact of individual developments in specific locations.

The subjects and manners of conducting the seminars change every year. The classes conducted should bring about the ability to assess the influence of planning and implementation activities on the existing environment, and methods of balancing development through protection of the values and rational asset management.

Literature: Basic literature on the subject of urban design and ecology and e.g.
- Directive Of The European Parliament And Of The Council On The Promotion Of The Use Of Energy From Renewable Sources
- Schittich Ch., Thoughts in Ecological Building , Architecture and Urbanism 5/1997
- Steiger P., Plenar – Domus, Baumeister 10/1996
- Williams D. E. FAIA Sustainable design: ecology, architecture and planning, Hoboken, New Jersey 2007

Course type: Field lectures and seminars
Assessment method: Final test and presentation
Primary target group: students of Master degree in Architecture

Lecturer: Elżbieta Węcławowicz-Bilska Prof. PhD DSc Arch., Magdalena Marx-Kozakiewicz PhD, Arch.

Contact person: Elżbieta Węcławowicz-Bilska, Prof. PhD DSc Arch. phone #: +48 12 628 24 66, e-mail: eweclaw@poczta.onet.pl

Deadline for application: beginning of the Fall Semester (according to the schedule)
COURSE TITLE:
ECO – CITY CONCEPT

Institute/Division: A5 Institute of City and Regional Design; Chair of Spatial Planning and Environment Protection

Number of contact hours: 60
Course duration: 1 semester (Spring)
ECTS credit: 7

Course description:
Preparation of urban development projects taking into consideration actual and future concepts of eco-city becomes the need in the process of teaching architecture and urban design & planning. The concept of eco-city design project deals with the creation of a new layout of ecological town in the surroundings of Cracow or of the transformation of definite fragment of the city as an estate or district. Applying of urban and latest technical solutions in the range of sustainable development of urbanized areas including: development of degraded of neglected terrains (biological active and build up), energy supply from renewable sources, as well as limiting environmental various pollution is going to be the basis of spatial concepts.

Literature: Basic literature on the subject of urban design and ecology

Course type: Individual or team work (groups of 2-3 students) under supervision and tutorial (continuation of Environmental Protection and Ecology seminar, but open for students not attending the previous course)

Assessment method: Concept of ecological urban design project plus description of proposed idea and specific solutions with perspective sketches

Primary target group: 5th year students in Architecture

Lecturer: Prof. Elżbieta Wręcławowicz-Bilska, PhD DSc Arch., Magdalena Marx-Kozakiewicz PhD Arch.

Contact person: Prof. Elżbieta Wręcławowicz-Bilska, PhD DSc Arch.
phone #: +48 12 628 24 66, e-mail: eweclaw@poczta.onet.pl

Deadline for application: beginning of the Spring Semester (according to the schedule)
COURSE TITLE:
REGIONAL PLANNING

Institute/Division: A5 - Institute of City and Regional Design; Chair of Spatial Planning and Environment Protection

Course code: IIC12
Erasmus subject code: 
Number of contact hours: 30
Course duration: one semester - Fall
ECTS credits: 3

Course description: Subjects of lectures: basic notions and issues in regional planning, types of regions and their identification; objective and scope of regional planning, European integration issues, European regional cooperation in the scope of regional planning, new types of urbanization at regional scale: technopolises, basic issues in regional development in Poland, regional-scale designs and implementations of urban agglomerations, areas undergoing urbanization processes, recreational areas, and specially protected areas, in Poland and in the world; contribution of Polish architects and city planners to the development of European regional planning theory and practice; regional technical infrastructure hubs, systems and lines, motorways; water management

Large-group written and visual project/design concerning:
- selected studies at a regional scale plus diagnosing the current state of development in the region covered by the plan (individual work)
- initial concept for managing conflict or problem areas (group work).

As a rule, every student begins with the unassisted performance of the component task, and finishes with the group project.

Literature:
- M. Castels, P. Hall, Technopolis of the World
- Ch. Watson, Master Planning Science and Technology Park,
- Yi-Fu Tuan, Space and Place, the Perspective of Experience

Course type: Field lectures and team's projects

Assessment method: Final test and project presentation

Primary target group: 5th year Architecture students

Lecturer: Prof. Elżbieta Węcławowicz-Bilska, PhD DSc Arch.

Contact person:
Prof. Elżbieta Węcławowicz-Bilska, PhD DSc Arch.
phone #: +48 12 628 24 66, e-mail: eweclaw@poczta.onet.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
ARTISTIC SUBJECTS
COURSE TITLE: PHOTOGRAPHY
Institute/Division: A1 - Institute of History of Architecture and Monument Preservation

Course code: A-2
Erasmus subject code: 02.9, 03.0
Number of contact hours: 30
Course duration: 1 semester (available in Fall and Spring semesters)
ECTS credits: 2

Course description:
Practical introduction to photography as well as to digital image processing techniques. Practical application of photography in architectural work. Developing skills in using archive photography as an iconographic element.

Literature:

Course type: Individual photographic work under supervision and tutorial

Assessment method: Attendance and evaluation of submitted work

Primary target group: All level students of the Architecture and Landscape Architecture

Lecturer: Zbigniew Wiklacz, PhD Arch.

Contact person:
Zbigniew Wiklacz, PhD Arch., phone #: +48 12 628-24-16
e-mail: wiklacz@pk.edu.pl, wiklacz@gmail.com

Deadline for application: beginning of the Fall or Spring Semester (according to the schedule)
COURSE TITLE:
FREEHAND DRAWING AND PAINTING

Institute/Division: A7 Independent Division of Freehand Drawing, Painting and Sculpture

Number of contact hours: 30
Course duration: 1 semester (Fall)
ECTS credits: 2

Course description: Painting and composition. Studies in painting based on a still life, from a simple composition of a limited range of colours to more elaborate compositions that require free interpretation – under condition of retaining of compositional values. Design of a painting composition, architectural painting for a chosen building, colour scheme for an elevation. Contexts, painting, architecture. Techniques: tempera, acryl, watercolours and collage. To develop sensitivity to beauty, colour and light, skill of building compositions based upon observation and imagination. Integration of arts – phenomena in architectural space and their solutions. To develop skills of searching for a concept (sketches in chosen techniques) – colour scheme for an elevation, with application of computer techniques.

Literature:
- Maria Rzepińska „Historia koloru”
- Michał Mrugalski „Teoria barw Różewicza”
- Gerhard Zeugner „Barwa i człowiek”

Course type: Individual drawings in different techniques under supervision and tutorial

Assessment method: A set of all works should be completed and presented

Prerequisites: Basics of freehand drawing and composition

Primary target group: All levels students in Architecture and Landscape Architecture

Lecturer: Iwona Zuziak, Assoc. Prof. DSc PhD Arch.

Contact person: Maria J. Żychowska, Prof. DSc PhD Arch.
phone #: +48 12 628 24 38 or +48 12 637 24 36; e-mail: pazychow@cyf-kr.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE: FREEHAND DRAWING - ARCHITECTURAL PERPECTIVE DRAWINGS
Institute/Division: A7 Independent Division of Freehand Drawing, Painting and Sculpture

Number of contact hours: 30
Course duration: 1 semester (Fall)
ECTS credits: 2

Course description: Using the image in perspective to presentation of architectural historical and contemporary phenomena and own designs. All work in one technique: ink. Generally, the goal is the formation of artistic imagination through freehand drawing. Particularly: forming sketching skills, using quick, synthetic drawings to note different problems in order to unlimited expressing and illustrating demanded tasks and own ideas, also developing skills of presenting spatial creations and shaping space.

Literature:
- Alberti L. B., Ksiąg dziesięć o sztuce budowania, Warszawa 1960
- Bartel K., Perspektywa Malarska, Warszawa 1958
- Bruzda J., Szkice perspektywiczne, Kraków 1998,
- Lupton E., Design Writing Research: Deconstruction, www.elupton.com
- Monestiroli A., Osiem definicji architektury [w:] Definiowanie Przestrzeni Architektonicznej, Kraków 2004, s.105-115

Course type: Individual drawings in different techniques under supervision and tutorial
Assessment method: A set of all works should be completed and presented
Prerequisites: Basics of freehand drawing and composition
Primary target group: All levels students in Architecture and Landscape Architecture

Lecturer: Maria J. Żychowska, Prof. DSc PhD Arch.,
Contact person: Maria J. Żychowska, Prof. DSc PhD, Arch.
phone #: +48 12 628 24 38 or +48 12 637 24 36; e-mail: pazychow@cyf-kr.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE: FREEHAND DRAWING, PAINTING AND COMPOSITION I

Institute/Division: A7 Independent Division of Freehand Drawing, Painting and Sculpture

Course code: B5-1
Erasmus subject code: 02.9
Number of contact hours: 30
Course duration: 1 semester (Spring Semester)
ECTS credits: 2

Course description: The task of the course is to develop additional experience and skills in constructing problems from the viewpoint of the variety of ways of studying and creating reality. The course contains painting and graphic exercises regarding the development of: spatial imagination; skills in using diagrams and artistic symbols; awareness of the variety of artistic means for expressing different concepts.

Course type: Individual drawings in different techniques under supervision and tutorial

Assessment method: Evaluation of all assigned works (progress, personal creativity & individual approach)

Prerequisites: Basics of freehand drawing and composition

Primary target group: All levels students in Architecture and Landscape Architecture

Lecturer: Ewa Gologórska-Kucia, Prof. of Art

Contact person: Maria J. Żychowska, Prof. DSc PhD Arch.
phone #: +48 12 628 24 38 or +48 12 637 24 36; e-mail: pazychow@cyf-kr.edu.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE:
FREEHAND DRAWING, PAINTING AND COMPOSITION II

Institute/Division: A7 Independent Division of Freehand Drawing, Painting and Sculpture

Number of contact hours: 30
Course duration: 1 semester (Spring)
ECTS credits: 2

Course description: Practical exercise during so called laboratories and student’s own homework; individual corrections. Works in various painting and graphic techniques. Developing of composition skills, spatial imagination and enhancing skills in solving of design tasks in various conventions related to fine arts. Education in fine arts and artistic techniques. Studies in observation of reality and enhancing of skill of choosing of adequate and coherent mode of notation and depiction of a given problem.

Literature:
- Kubiści, Guillaume Apollinaire, WL, Kraków 1959
- Słownik kierunków, ruchów i kluczowych pojęć sztuki drugiej połowy XX wieku, Marcin Giżycki, słowo\ obraz\ terytoria, Gdańsk 2002
- Nowoczesność od czasu postmodernizmu, Dick Higgins, słowo\ obraz\ terytoria, Gdańsk 2000
- O sztuce nowej i najnowszej, Piotr Krakowski, PWN, 1981
- Futuryzm, Giovanni Lista, Arkady, Warszawa 2002
- Ikonosfera, Mieczysław Porębski, PIW, Warszawa 1972
- Kubizm, , Mieczysław Porębski, wprowadzenie do sztuki XX wieku, PWN, Warszawa 1968
- O pochodzeniu formy w sztuce, Herbert Read, PIW, 1973
- Teoria widzenia, Władysław Strzemieński, WL, Kraków 1969
- Wybór pism estetycznych, Władysław Strzemieński, Universitas, Kraków 2006
- Martwa natura, Charles Sterling, WA i F i PWN, Warszawa 1998
- Awangardowe marginesy, Andrzej Turowski, Instytut Kultury, Warszawa 1998
- Budowniczowie świata, Andrzej Turowski, Universitas, Kraków 2000

Course type: Individual drawings in different techniques under supervision and tutorial
Assessment method: Submission of a complete set of works; final mark is the average of all marks.
Prerequisites: Basics of freehand drawing and composition
Primary target group: All levels students in Architecture and Landscape Architecture

Lecturer: Ewa Gołogórska-Kucia, Prof. of Art
Contact person: Maria J. Żychowska, Prof. DSc PhD Arch.
phone #: +48 12 628 24 38 or +48 12 637 24 36; e-mail: pazychow@cyf-kr.edu.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE: SCULPTURE
Institute/Division: A-7 Independent Division of Freehand Drawing, Painting and Sculpture

Course code: B5-2
Erasmus subject code: 03.1
Number of contact hours: 15
Course duration: 1 semester (Fall and Spring)
ECTS credits: 1

Course description: The course goal is to acquaint students with the principles of creating spatial compositions and the development of imagination and manual abilities. Lectures – sculpture in architecture: location, spatial composition, information about materials and artistic techniques in architecture. Tutorials – forming spatial compositions: idea, proportions, contrast, direction, dynamics, relationship with the surrounding and light.

Course type: Individual sculpture work under supervision and tutorial

Assessment method: Evaluation of 6 spatial compositions (progress, personal creativity & individual approach)

Primary target group: All levels students in Architecture and Landscape Architecture

Lecturer: Stefan Dousa, Prof. of Art,
Tutor: Piotr Idzi, Master of Art

Contact person: Stefan Dousa, Prof. of Art, e-mail: sdousa@pk.edu.pl

Deadline for application: beginning of the Fall or Spring semester (according to the schedule)
PROJECTS/ DESIGNING

ARCHITECTURAL & URBAN DESIGN
COURSE TITLE:
RESIDENTIAL BUILDINGS I - SINGLE-FAMILY HOUSING A
Institute/Division: A6 - Chair of Housing and Architectural Composition

Course code: IC19
Erasmus subject code: 02-1
Number of contact hours: 150 per semester
Course duration: 1 semester (available in Fall and Spring semesters)
ECTS credits: 10 (Fall Semester), 8 (Spring Semester)

Course description: A two-semester course in architectural and urban design addressing the issues of: The House or Play with the Cube (Fall semester), The play of Elementary Solids – The House in the Landscape – Concrete Architecture (Spring semester). The project of single family dwellings and small residential complexes in a theoretical setting includes:
- the choice of a design idea and its basis; the design on the basis of a modular grid;
- relations between various residential spaces, a composition of architectural forms;
- a composition of the architectural setting: small architecture, greenery, design of private and public spaces;
- techniques of the project’s presentation;
- working with architectural models and visualizations;
- an essay on the theoretical basis of the concept with a technical description of the project.

Literature: Basic literature on the architectural composition and design; architectural magazines.

Course type: Individual design work under supervision and tutorial.

Assessment method: Submission of the project on time; Positive evaluation of mid-term and final design reviews; Systematic work during the semester; Submission of the essay on a subject related to the design task.

Prerequisites: Architectural and Urban Design Studio

Primary target group: 2nd year students in Architecture

Lecturer: Dariusz Kozlowski, Prof. DSc PhD Arch.

Contact person: Ernestyna Szpakowska-Loranc, PhD, Arch., phone #: +48 12 628-20-21
e-mail: ernestynaszpakowska@gmail.com

Deadline for application: beginning of the Fall or Spring semester (according to the schedule)

Remarks: The design tasks are different in each semester
COURSE TITLE: RESIDENTIAL BUILDING DESIGN I - SINGLE – FAMILY HOUSING B

Institute/Division: A3 - Institute of Urban Design, Chair of Housing Environment

Course code: IIC19
Number of contact hours: 10 hours/week, 150 hours/semester
Course duration: 1 semester (available in Fall and/or Spring Semester)
ECTS credits: 10 (Fall Semester); 8 (Spring Semester)

Course description:
Design classes include two tasks in the first and second terms. The students are given a task of creating new forms of living in compact, diverse single – family residential complexes in various locational conditions. In the third term students work out an urban and architectural conception for complex consisting of a few houses. In the fourth term the topic of an urban and architectural project is a single – family detached house with its nearest surroundings.

Literature:
Literature on the urban composition and the design of housing architecture.

Course type: Individual design work under supervision and tutorial.

Assessment method:
Promoting creativity and free speech, sensitivity, aesthetic preferences and graphic presentation.

Prerequisites: Architectural and Urban Design Studio

Primary target group: 2ND year students in Architecture.

Lecturer: Krystyna Paprzyca, D.Sc. Ph.D arch.

Contact person: Krystyna Paprzyca, D.Sc. Ph.D arch., krystyna.paprzyca@xl.wp.pl

Deadline for application: beginning of the Fall or Spring semester (according to the schedule)
COURSE TITLE: RESIDENTIAL BUILDINGS II (MULTI-FAMILY HOUSING)
Institute/Division: A6 - Chair of Housing and Architectural Composition

Course code: IC19
Erasmus subject code: 02-1
Number of contact hours: 120
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description: The task is to design a multifamily residential building located at the given site, as an element of a model residential complex. The provided site plan presents legally binding regulation lines, delimiting the scale of the residential building, beyond the zone of the historic architecture’s influence. The exercise includes the project of the building’s form and its surroundings, apartments (3 types of flats), an entrance hall, adjacent rooms and parking facilities. Within the scope of design’s presentation fall: a site plan 1:500, plans of all floors 1:100, chosen vertical sections 1:100; elevations 1:100; a vertical section through an external wall 1:20, a handmade perspective drawing, an axonometric drawing and a brief description of the idea with a technical description.

Literature: Literature on architectural composition and the design of housing architecture; architectural magazines

Course type: Individual design work under supervision and tutorial

Assessment method:
- Submission of the project on time;
- Positive evaluation of mid-term and final design reviews;
- Systematic work during the semester;
- Submission of the essay on a subject related to the design task.

Prerequisites: Architectural and Urban Design Studio

Primary target group: 3rd year students in Architecture

Lecturer: Dariusz Kozłowski, Prof. DSc PhD Arch.

Contact person: Ernestyna Szpakowska-Loranc, PhD Arch., phone #: +48 12 628-20-21 e-mail: ernestynaszpakowska@gmail.com

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE: RESIDENTIAL BUILDING DESIGN II (MULTI-FAMILY HOUSING)
ARCHITECTURAL AND URBAN DESIGN OF RESIDENTIAL COMPLEXES

Institute/Division: A6 Chair of Housing and Architectural Composition

Course code: IIC19
Erasmus subject code: 02-1
Number of contact hours: 90
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description: Course in architectural and urban design of a defined urban residential block: choice and fundamentals of an idea; search for pretexts of an urban form; theory of an ideal city – work with modules and urban grids; relations between residential spaces: urban block, street, squares, private spaces, public spaces, circulation, functional solutions, site development concept, residential building concept, functional programme, structural solutions, presentation techniques, work with renderings and visualisations, preparation of an essay linked to the design task.

Literature: Literature on architectural composition and the design of housing architecture; architectural magazines

Course type: Individual design work under supervision and tutorial

Assessment method:
- Submission of the project on time;
- Positive evaluation of mid-term design reviews
- Positive evaluation of drawing tests
- Systematic work during the semester
- Submission of the essay on a subject related to the design task

Prerequisites: Architectural and Urban Design Studio

Primary target group: 3rd year students in Architecture

Lecturer: Maria Misiągiewicz, Prof., DSc, PhD Arch.
Contact person: Monika Gała-Walczowska, PhD Arch., phone #: +48 12 628-20-21
e-mail: mgala-walczowska@pk.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
RESIDENTIAL BUILDING DESIGN II (MULTI-FAMILY HOUSING)
ARCHITECTURAL AND URBAN DESIGN OF MULTIFAMILY HOUSING

Institute/Division: A3 - Institute of Urban Design, Division of Urban Composition

Course code: IIC19
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 120
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description: The course programme includes selected architectural and urban issues related to the shaping of intensive forms of habitat in a city. The subject is a concept of a building or a complex of several buildings of a residential function together the necessary services resulting from the site conditions and a concept of land development. The development which complements the existing urban tissue, is related to a defined urban spatial, functional and cultural context. A design may also concern the problems of the revitalization of some degraded areas and conversion of some post-industrial objects (lofts) to residential functions. A design includes the development of a building lot of c. 1 ha and an urban public space related to the location: hardened pedestrian and vehicular surfaces, car parks, biologically active areas – greenery, small architecture, lighting, drainage. The basis for the definition of the programme for this investment and the definition of its spatial and functional relations with the nearest surroundings is an analysis of the location conditions – the urban analysis. The students can choose one of two locations in an urban context offered in the course. The design includes the preparation of a plan of implementation, an architectural concept of a chosen building and details (technical and material solutions).

Literature: Basic literature on urban composition and design of residential complexes

Course type: Design studio - individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and oral presentation)

Prerequisites: Architectural and Urban Design Studio (e.g. Urban Composition, Single Family Housing)

Primary target group: 3rd year students in Architecture

Lecturer: Jacek Gyrkovich, Prof. DSc PhD Arch.
Tutors: Wojciech Wicher PhD Arch., Agnieszka Matusik PhD Arch., Filip Suchoń MSc Arch.

Contact person: Agnieszka Matusik, PhD Arch.; phone #: +48 12 628 24 28
e-mail: aga_vv@op.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
RESIDENTIAL BUILDING DESIGN II (MULTI-FAMILY HOUSING)
ARCHITECTURAL AND URBAN DESIGN OF MULTIFAMILY HOUSING B

Institute/Division: A3 Institute of Urban Design, Division of Urban Composition

Course code: IIC19
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 120
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description:
It is about important architectural and urban issues related to the form of intensive housing environment in an urban context.
It is a project of a small size multi-family complex in an urban context. Student having regard to the modern methods and trends at shaping a multi-family residential environment prepares the idea concept in the context of specific conditions and formulate a program of a complex. The project includes:
- urban analysis leading to establish guidelines for the concept of a whole complex regarding external relations and to find the right formula for both function and form for the proposed complex;
- the concept in a scale 1:500 to outline the concept of open space /public to private/ and relationships between volumes and open spaces,
- plans, sections and elevations of the proposed buildings, or its fragments in a scale 1:100
- details (technical and material solutions). in a scale 1:20,
- schemes, sketches, visualizations and hand drawing showing the concept,
- thematic essay and a description of the project.

Literature: Basic literature on urban composition and design of residential complexes

Course type: Design studio - individual design work under supervision of a tutor

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and oral presentation)

Prerequisites: Architectural and Urban Design Studio (e.g. Urban Composition, Single Family Housing)

Primary target group: 3rd year students in Architecture

Lecturer: Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch.,
Contact person:
Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch., phone #: +48 12 628 24 30;
e-mail: akanta@poczta.onet.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
RESIDENTIAL BUILDING DESIGN II (MULTI-FAMILY HOUSING) - URBAN INFILL
Institute/Division: A3 Institute of Urban Design, Division of Public Spaces for Movement

Course code: IIC19
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 120
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description: Individual design work accompanied by introductory lectures, common discussions and students presentations of subsequent stages of concept development. The design task is to solve mixed-use building in central location, complementing the existing street façade. The formulation of the architectural concept is preceded by the detail analysis of urban context helping to determine the proper functional and spatial relation between urban infill and neighboring buildings and to create comfortable and friendly public spaces making the social contacts easier.

The course goal is to broaden students’ knowledge on:
- functional, spatial and usable surface standards of the apartments that are fulfilling diversified needs of a contemporary society;
- standards related to the equipment of residential buildings and accompanied functions/structures;
- designing of open spaces adjacent to urban infill – their zoning and social roles;
- varied ways of establishing the dialogue between the existing structures and newly built objects, technologically advanced
- contemporary trends related to sustainable design in the scale of an individual building

Literature: Basic literature on urban rehabilitation and design of residential complexes- to be given at the beginning of the course.

Course type: Design studio

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and oral presentation)

Prerequisites:
Architectural and urban Design Studio (e.g. Urban Composition, Single Family Housing)

Primary target group: 3rd year students in Architecture

Lecturer:
Anna Franta, Assoc. Prof. DSc PhD Arch.

Contact person:
Anna Franta, Assoc. Prof., DSc PhD Arch., phone #: +48 12 628-31-13;
e-mail: studio_ut@pk.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
ARCHITECTURAL AND URBAN DESIGN OF SERVICE COMPLEXES 1&2
Institute/Division: A2 - Institute of Architectural Design, Division of Public Use Buildings

Course code: IC20
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 90
Course duration: 1 semester (Fall and/or Spring)
ECTS credits: 8

Course description:
Project is divided into three subjects. A student elaborates three concept sketch designs re. Service buildings and complexes. Three theoretical variations of a site are a basis for the exercise – on the same spatial layout, however differing in level of urban development (from a freestanding building to an urban infill). Sketch projects in scale 1:200 are elaborated in two first cases (whereby in the first one hand sketches are obligatory; in the second the technique can be chosen). The third stage is based exclusively on studies on a model.

Literature:
- Rob Krier, Stadtraum
- Camillo Sitte, City Planning
- Le Corbusier, Vers une Architecture
- Żórawski Juliusz, O budowie formy architektonicznej

Course type: Individual design work under supervision and tutorial

Assessment method: The mark is an average of design marks and assessment of their juries.

Prerequisites: Architectural and Urban Design Studio

Primary target group: 3rd year students in Architecture

Lecturer: Piotr Burak-Gajewski, Assoc. Prof. DSc PhD Arch..

Contact person: Piotr Burak-Gajewski, Assoc. Prof. DSc PhD Arch.
phone #: +48 12 628-24-42; email: one@piotrgajewski.pl

Deadline for application: beginning of the Fall or Spring semester (according to the schedule)
COURSE TITLE:
PUBLIC USE BUILDING DESIGN I (advanced design) A
Institute/Division: A2 - Institute of Architectural Design, Division of Public Use Buildings

Course code: IC20
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 90
Course duration: 1 semester (Fall)
ECTS credits: 6

Course description:
The task of the course is mastering the skills of designing complex public use building(s). The detailed design of the object in architectural scales (1: 500, 1: 200, 1: 100, 1: 20) is proceeded by the analysis of a spatial-functional connection with further urban context. An important part of the final submission is 3D re-presentation (study and final models, computer visualization)

Literature:
Basic literature on urban composition and the design of public use buildings; architectural magazines

Course type: Individual design work under supervision and tutorial

Assessment method:
Evaluation of the final submission (process, progress, personal creativity & individual approach, text and graphic presentation)

Prerequisites: Architectural and Urban Design Studio

Primary target group: 4th and 5th year students in Architecture

Lecturer: Piotr Burak-Gajewski, Assoc. Prof. DSc PhD Arch.

Contact person: Piotr Burak-Gajewski, Assoc. Prof. DSc PhD Arch.
phone #: +48 12 628-24-42; email: one@piotrgajewski.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE: PUBLIC USE BUILDING DESIGN I (advanced design) B
Institute/Division: A2 - Institute of Architectural Design, Chair of the Social - Services Architecture

Course code: IC20
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 90
Course duration: 1 semester (Fall)
ECTS credits: 6

Course description:

Literature:
Basic literature on urban composition and the design of public use buildings; architectural magazines

Course type: Individual design work under supervision and tutorial

Assessment method:
Evaluation of the final submission (process, progress, personal creativity & individual approach, text and graphic presentation)

Prerequisites: Architectural and Urban Design Studio

Primary target group: 4th and 5th year students in Architecture

Lecturer: Kazimierz Butelski, DSc PhD Arch.

Contact person:
Kazimierz Butelski, DSc PhD Arch. , email: kbutelski@pk.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
PUBLIC USE BUILDING DESIGN II (Master degree - advanced design) A
Institute/Division: A2 - Institute of Architectural Design, Division of Public Use Buildings

Course code: IIC7
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 105
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description:
The task of the course is mastering the skills of designing complex public use building(s). The detailed design of the object in architectural scales (1: 500, 1: 200, 1: 100, 1: 20) is proceeded by the analysis of a spatial-functional connection with further urban context. An important part of the final submission is 3D re-presentation (study and final models, computer visualization)

Literature:
Basic literature on urban composition and the design of public use buildings; architectural magazines

Course type: Individual design work under supervision and tutorial

Assessment method:
Evaluation of the final submission (process, progress, personal creativity & individual approach, text and graphic presentation)

Prerequisites: Architectural and Urban Design Studio

Primary target group: 5th year students in Architecture

Lecturer: Piotr Burak-Gajewski, Assoc. Prof. DSc PhD Arch.

Contact person: Piotr Burak-Gajewski, Assoc. Prof. DSc PhD Arch. phone #: +48 12 628-24-42; email: one@piotrgajewski.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
PUBLIC USE BUILDING DESIGN II (Master degree - advanced design) B

Institute/Division: A2 - Institute of Architectural Design, Chair of the Social - Services Architecture

Course code: IIC7
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 105
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description:

Literature:
Basic literature on urban composition and the design of public use buildings; architectural magazines

Course type: Individual design work under supervision and tutorial

Assessment method:
Evaluation of the final submission (process, progress, personal creativity & individual approach, text and graphic presentation)

Prerequisites: Architectural and Urban Design Studio

Primary target group: 5th year students in Architecture

Lecturer: Kazimierz Butelski, DSc PhD Arch.

Contact person:
Kazimierz Butelski, DSc PhD Arch., email: kbutelski@pk.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
ARCHITECTURAL DESIGN OF SERVICE BUILDINGS – NATURALLY SHAPED
ARCHITECTURE (NSA 1&2)
Institute/Division: A2 Institute of Architectural Design, Chair of Environmental Architecture

Course code: IC20
Erasmus subject code: 02.1
Number of contact hours: 90
Course duration: 1 semester (Fall and/or Spring semester)
ECTS credits: 8

Course description: The aim of the course is to acquire competence in: (1) analysis of a simple real situation (multidimensional, physical, social, and cultural environment); (2) preparing architectural design project of minor complexity (e.g.: small stand, pedestrian bridge, sports hall, swimming pool, tourist hotel, and the like); (3) adapting structural solution to the designed space (obligatory work model). Naturally Shaped Architecture (NSA) means inclusive architectural design focused on the user, the user's needs, functional solution, and structure organically serving the designed space – the whole fitting the surroundings / environment. The course embraces site visit, visit(s) of new building sites, 2 design tasks pro semester (1 – introductory, 2 – main), 2-3 reviews pro semester, 3 invigilated sketch design exercises (klauzura), study and work models, final presentation. Students are urged to apply the pattern language technique in their design.

Literature:
- Alexander, Christopher et al., A Pattern Language
- Gehl Jan, Life Between Buildings
- Lynch, Kevin, The Image of the City
- Neufert, Ernst, Neufert Architects’ Data
- Pallasmaa Juhani, The Eyes of the Skin: Architecture and the Senses
- Rassmussen Steen Eiler, Experiencing Architecture
- Siegel Curt, Structure and form in modern architecture
- Zumthor Peter, Thinking Architecture
- Żórawski Juliusz, O budowie formy architektonicznej (in Polish)

Course type: Individual design work under supervision and tutorial + seminars

Assessment method: Evaluation of the final submission (design process, personal creativity & individual approach, presentation quality)

Prerequisites: Architectural and Urban Design Studio

Primary target group: 3rd year students in Architecture

Tutors: J. Krzysztof Lenartowicz, Prof., Ph.D., D.Sc. Arch.; Angelika Lasiewicz-Sych, Ph.D Arch.; Piotr Winskowski, Ph.D Arch.

Contact person: Prof. J. Krzysztof Lenartowicz, Ph.D. D.Sc. Arch.
Phone #: (+48) 12 628 26 62

Deadline for application: beginning of the Fall or Spring semester (according to the schedule)
COURSE TITLE: ARCHITECTURE DESIGN OF PUBLIC USE BUILDINGS – NATURALLY SHAPED
ARCHITECTURE (NSA 3) – advanced design
Institute/Division: Institute of Architectural Design, Chair of Environmental Architecture

Course code: IC20
Erasmus subject code: 02.1
Number of contact hours: 90
Course duration: 1 semester (available in Fall semester)
ECTS credits: 6

Course description: The aim of the course is to acquire competence in: (1) analysis of a complex real situation (multidimensional, physical, social, and cultural environment); (2) preparing architectural design project of medium complexity (e.g.: public library, lonely mother’s home, hospital ward, large sports hall, ice rink, aqua park, sport complex, and the like); (3) adapting structural solution to the designed space (obligatory work model). Naturally Shaped Architecture (NSA) means inclusive architectural design focused on the user, the user’s needs, functional solution, and structure organically serving the designed space – the whole fitting the environment. The course embraces site visit, visit(s) of new building sites, 2 design tasks pro semester (1 – introductory, 2 – main), 2-3 reviews pro semester, 3 invigilated sketch design exercises (klauzura), work model, final presentation.

Literature:
- Alexander, Christopher et al., A Pattern Language
- Gehl, Jan, Life Between Buildings
- Neufert, Ernst, Neufert Architects’ Data
- Pallasmaa, Juhani, The Eyes of the Skin: Architecture and the Senses
- Rassmussen, Steen Eiler, Experiencing Architecture
- Zumthor, Peter, Thinking Architecture
- Żórawski, Juliusz, O budowie formy architektonicznej (in Polish)

Course type: Individual design work under supervision and tutorial + seminars

Assessment method: Evaluation of the final submission (design process, personal creativity & individual approach, presentation quality)

Prerequisites: Architectural and Urban Design Studio

Primary target group: 4th year students in Architecture

Tutors: Krzysztof Lenartowicz, Prof. J., Ph.D., D.Sc., Arch.; Angelika Lasiewicz-Sych, Ph.D., Arch.; Piotr Winskowski, Ph.D., Arch.

Contact person: J. Krzysztof Lenartowicz, Prof., Ph.D., D.Sc., Arch.
Phone #: (+48) 12 628 26 62

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE: ARCHITECTURE DESIGN OF PUBLIC USE BUILDINGS – NATURALLY SHAPED ARCHITECTURE (NSA 4) – Master Degree Advanced design
Institute/Division: Institute of Architectural Design, Chair of Environmental Architecture

Course code: IIC7
Erasmus subject code: 02-1
Number of contact hours: 105
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description: The aim of the course is to develop skills in less practiced fields of architectural design and planning. Specifically oriented information is delivered: social dialogue in architectural design and planning (theory and techniques, workshops); practice of social participation in design decision-making process; revitalization of post-industrial, post-railway, and post-military areas and facilities. Naturally Shaped Architecture (NSA) means inclusive architectural design focused on the user, the user's needs, functional solution, and structure organically serving the designed space – the whole fitting the environment. The course embraces site visit, visit(s) of new building sites, design task, 2-3 reviews, invigilated sketch design exercises (klauzura), work model, final presentation.

Literature:
Literature on social participation in architectural design and planning; and on revitalization of towns
- Blundell-Jones Peter; Petrescu D., and Till, Jeremy (eds.) Architecture and Participation
- Jones, Bryn, Participation – Management Tool or Political Foundation? Local civil society organization’s involvement in regeneration schemes in England and Italy [in:] Kleczkowski P. (ed.) Metody zarządzania odnową miast
- Lenartowicz J-K., Maciąg, Diana, Od terenów przemysłowych do… / From industrial areas to ...
- Nyka, Lucyna, Szczepański, Jakub, (eds.) Culture for Revitalisation / Revitalisation for Culture
- Poda, Ryszard, SOLVAY yesterday and today
- Tagliaferri, Mariarosaria (idea), Industrial Chic. Reconverting Spaces
- URBACT: Culture and urban regeneration. Culture activities and creative industries

Course type: Individual design work under supervision and tutorial
Assessment method: Submission of design project and essay
Prerequisites: Architectural and Urban Design Studio

Target group: 5th year students in Architecture (MA course, Fall semester)

Tutors: J. Krzysztof Lenartowicz, Prof., Ph.D., D.Sc., Arch.; Angelika Lasiewicz-Sych, Ph.D., Arch.; Piotr Winskowski, Ph.D., Arch.
Contact person: J. Krzysztof Lenartowicz, Prof., Ph.D., D.Sc., Arch.
Phone #: (+48) 12 628 26 62

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
INDUSTRIAL ARCHITECTURAL DESIGN
Institute/Division: A2 - Institute of Architectural Design, Division of Industrial Architecture
Design

Course code: C3-5-2
Erasmus subject code: 02.1
Number of contact hours: 90
Course duration: 1 semester (Fall semester)
ECTS credits: 6

Course description: The task of the course is architectural solution of industrial functional complex (workplaces) or public use buildings (industrial plant, transportation facilities building or car service station, office building, exhibition pavilion or art gallery, etc). One of the selected design problems is always a frame of conditions of current student competition or official awarding contract for public order technical documentation. During the course students draw up a functional diagram, site plan concept, architectural solution including plans, sections, project of the elevations, handmade perspective drawings, computer visualizations.

Literature: Basic literature on architectural design

Course type: Individual design work under supervision and tutorial + seminars

Assessment method: Evaluation of the design exercises (3 exercises per semester) and final submission (process, progress, personal creativity & individual approach, text and graphic presentation)

Prerequisites: Architectural and Urban Design Studio

Primary target group: 4th year students in Architecture

Lecturer: Maciej Złowodzki, Prof., DSc, PhD Arch.
Tutor: Krzysztof Ludwin, PhD Arch.

Contact person: Krzysztof Ludwin, PhD, Arch.,
phone #: +48 12 628-24-48;+48 513 158 199; email: ludwin@ludwin.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE: SPATIAL PLANNING A
Institute/Division: A5 - Institute of City and Regional Design; Division of Spatial Planning and Environmental Protection

Course code: IIC11
Erasmus subject code: 02.1 / 02.3 / 02.4
Number of contact hours: 105
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description: Design work concerns development of the city spatial plan on a given land-surveying plan, with information worked out and gathered during vacation inventory practice in the chosen town or city. On the base of land use inventory, city’s space quality evaluation and other information students work on:
- synthesis of conditions of city development,
- diagnose stressing natural, environmental, cultural and social conflicts,
- the basis of variations of directions and possibilities of the future city development, following the evaluation of variations and choosing optimal solutions students work on:
  - city local spatial plan design – the basic drawing, including explanation of:
    - principles of crystallization of city grid – composition scheme,
    - principles of the city traffic and transport solutions and urban, infrastructure elements scheme,
    - principles of plan achievement - scheme
  - general description, text regarding problems solving, needs and local communities' aspirations.

Literature: Basic literature on physical planning

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and written presentation)

Prerequisites: Urban Design Studio (e.g. Urban Composition, Residential Neighbourhoods, Residential Buildings)

Primary target group: 4th and 5th year students in Architecture

Lecturer: Prof. Elżbieta Węclawowicz-Bilska  DSc PhD Arch.
Tutor: Rafal Blazy PhD Arch.

Contact person: Elżbieta Węclawowicz-Bilska, Prof. DSc PhD Arch.
Phone #: +48 12 628-24-66; e-mail; eweclaw@poczta.onet.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
SPATIAL PLANNING B

Institute/Division: A5 - Institute of City and Regional Design; Division of Spatial Planning and Environmental Protection

Course code: IIC11
Erasmus subject code: 02.1 / 02.3 / 02.4
Number of contact hours: 105
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description: Crucial tasks of the projects are:
- Defining characteristic features of spatial and functional structure of small town including its structural relations with regional context and defining basic elements of developmental conditions of this town.
- Interpreting (in synthetic form) main features of the student’s concept for the development of selected town focusing on spatial elements of its structure.
- Defining basic elements of spatial layout of the future development designed on selected fragment of urban area and presenting this concept in a way, which would convince a potential client that a project proposal is attractive enough to be implemented.
- Clear description (text) of developmental conditions of the town and convincing description in text proposed design solutions compatible with these conditions.

Literature: Basic literature on physical planning

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and written presentation) defend own project proposals in front of the class

Prerequisites: Urban Design Studio (e.g. Urban Composition, Residential Neighbourhoods, Residential Buildings)

Primary target group: 4th and 5th year students in Architecture

Lecturer: Bogdan Podhalański DSc.PhD Arch
Tutors: Daniel Ogrodnik PhD Arch.

Contact person: Bogdan Podhalański DSc.PhD Arch.
e-mail: a-5@pk.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE: DESIGN FOR CONSERVATION

Institute/Division: Institute of History of Architecture and Monument Preservation, Chair of History of Polish Architecture and Monument Preservation

Course code: IIC9
Erasmus subject code: 02.9
Number of contact hours: 105
Course duration: 1 semester (Fall or Spring)
ECTS credits: 8

Course description: The course aims at mastering the skills of: gathering, preparing and using historical sources; analyzing the historic context, architectural and cultural; designing within the historic fabric of the given locality; defining the limits of interference with the historic, often listed, structure; converting and modernizing historic structures; design application of preservation and conservation theories, techniques and technologies.

Final requirements: - analyses and surveys of buildings and sites; - architectural drawings: plans, sections, elevations in the scales; 1: 100 and 1: 50; models

Literature: Readings depend on the design assignment and are individually advised

Course type: Individual design work under supervision and tutorial; site seeing, seminars, reviews and juries

Assessment method: Review evaluation; evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and oral presentation)

Prerequisites: Preservation of Monuments & Revalorization (available in Fall Semester*)

Primary target group: 3rd, 4th, and 5th year students in Architecture

Lecturer: Andrzej Kadluczka, Prof., DSc, PhD Arch.
Tutors:
Anna Białasik, PhD Arch., Marta A. Urbańska, PhD Arch., Zbigniew Wiklacz, PhD Arch.

Contact person: Anna Białasik, PhD, Arch., phone #: +48 12 628-24-08; +48 600 312 236; e-mail: bialasik@neostrada.pl

Deadline for application: beginning of the Fall or Spring semester (according to the schedule)

Remarks: Students may take Preservation of Monuments & Revalorization seminars (4 ECTS credits) accompanying the Design Studio (8 ECTS)
COURSE TITLE: ARCHITECTURE AND PLANNING IN THE COUNTRYSIDE

Institute/Division: A5 - Institute of City and Regional Design, Division of Rural Architecture and Planning

Course code: IC23
Erasmus subject code: 02.0
Number of contact hours: 90
Course duration: 1 semester (available in Fall or Spring)
ECTS credits: 8

Course description:
A growing interest in the countryside environment as a place to live as well as a place of escape from urban life challenges the architects. That is a reason we try to encourage students to seek new architectural and planning ideas for future development of the village as an alternative to urban living.
For the semester work a student may choose the planning project or the architectural project or both of them (the detailed subject and the particular scope of the project are always determined with the participation of the student).
The planning project is required as a concept of development of the chosen village in Poland or abroad.
The architectural project may be chosen from the following subjects: a countryside housing for farmer and non-farmer families; an ecological farm complex; a social-cultural centre for a small local community (an idea of “contemporary agora”); a hypo therapeu-
tic centre for the handicapped etc.

Literature: Basic literature on countryside planning and architecture

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and written presentation)

Prerequisites: Architectural and Urban Design Studio (e.g. Urban Composition, Residential Neighbourhoods, Residential Buildings Design)

Primary target group: 3rd, 4th and 5th year students of Architecture

Tutor: Justyna Tarajko-Kowalska, PhD. Arch.

Contact person: Justyna Tarajko-Kowalska, PhD. Arch., phone #: +48 12 628-24-40, +48 503 671 682, email: justarajko@tlen.pl

Deadline for application: beginning of the Fall or Spring semester (according to the schedule)
Course title: Multi-Family Housing Design A
Institute/Division: A6 Chair of Housing and Architectural Composition

Course code: IIC7
Erasmus subject code: 02.1/02.3
Number of contact hours: 105
Course duration: 1 semester (Spring)
ECTS credits: 8

Course description: The task is to design a residential multifamily complex located at Vistula River bend in Cracow, as the complex of contemporary urban blocks. Architectural and urban composition. Rules of composition are supposed to be based on the idea: quarters of buildings – relations: building, street, square, patio, yard, park, green... The exercise encompasses a composition of the complex, a design of the entire house and its surroundings, streets, driveways and pedestrian circulation, a solution of parking facilities and a verdure layout.

Literature: Literature on architectural composition and the design of housing architecture; architectural magazines.

Course type: Individual design work under supervision and tutorial.

Assessment method:
- Submission of the project on time;
- Positive evaluation of mid-term and final design reviews;
- Systematic work during the semester;
- Submission of the essay on a subject related to the design task.

Prerequisites: Architectural and Urban Design Studio

Primary target group: 4th year students in Architecture

Lecturer: Maria Misiągiewicz, Prof., DSc, PhD Arch.
Contact person: Monika Gała-Walczowska, PhD Arch., phone #: +48 12 628-20-21
e-mail: mgala-walczowska@pk.edu.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE: 
MULTI-FAMILY HOUSING DESIGN B 
ARCHITECTURAL AND URBAN DESIGN OF MULTIFAMILY RESIDENTIAL COMPLEXES

Institute/Division: A3 - Institute of Urban Design, Division of Urban Composition

Course Code: II-C-7 
Erasmus subject code: 02.1/02.3 
Number of contact hours: 105 
Course duration: 1 semester (Spring) 
ECTS credits: 8

Course description: The course programme includes the architectural and urban issues related to the shaping of the contemporary housing environment in central areas. The subject of the course design is a spatial and programmatic urban conception of a complex of multifamily residential buildings in the spatial, functional and cultural context of the existing urban investments in developing or degraded areas under transformational processes and draft architectural conceptions of multifamily residential and service buildings which accompany housing, characteristic of the proposed structure, making it possible to confirm the realism of the accepted urban solutions. The basis for the formulation of a usable programme for the work and the definition of spatial and functional relations with the nearest surroundings is an urban analysis of the area and the nearest surroundings which make a zone of interactions. The students can choose one of two locations in an urban context offered in the course. It is also possible to prepare a design in an international, national or local students’ competition. A design includes the preparation of an urban programme and spatial conception of a complex of multifamily residential buildings on an area of c. 10–15 ha. An urban conception needs suitable relations between an area, a city and the surroundings, including transport, functional and spatial connections, the formulation of a housing composition and the accompanying service buildings, the layout of vehicular, bicycle and pedestrian traffic, recreation and sports facilities, the composition of tall greenery.

Literature: Basic literature on the subject of urban composition and design of residential complexes

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and oral presentation)

Prerequisites: Architectural and Urban Design Studio (e.g. Urban Composition, Single Family Housing, Architectural and Urban Design – Multifamily Housing)

Primary target group: 4th year students in Architecture

Lecturer: Jacek Gyurkovich, Prof., DSc, PhD Arch.;
Tutors: Fili Suchoń, MArch., Wojciech Wichers, PhD Arch., Agnieszka Matusik, PhD Arch.;

Contact person: Agnieszka Matusik, PhD Arch.; phone #: +48 12 628 24 28; e-mail: aga_vv@op.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE:
MULTI-FAMILY HOUSING DESIGN C
ARCHITECTURAL AND URBAN DESIGN OF MULTIFAMILY RESIDENTIAL COMPLEXES

Institute/Division Institute of Urban Design, Division of Urban Composition

Course Code: IIC7
Erasmus subject code: 02.1/02.3
Number of contact hours: 105
Course duration: 1 semester (Spring)
ECTS credits: 8

Course description:
It is about important architectural and urban issues related to the form of the contemporary housing environment in central areas. It is a project of a multi-family housing estate in an urban context. Student having regard to the modern methods and trends at shaping a multi-family residential environment prepares the idea concept in the context of specific conditions and formulate a program of an estate. The idea of a contemporary housing environment is the main subject of a course.

The project includes:
- urban analysis leading to establish guidelines for the concept of a whole complex regarding external relations and to find the right formula for both function and form for the proposed complex,
- the concept in a scale 1:2000 as a regulatory plan to outline the concept of open space /public to private/ and relationships between volumes and open spaces /plan, visualizations from bird’s eye and the human eye level /for chosen urban interiors as a base for urban orientation/,
- master plan in a scale 1:1000
- plans, sections and elevations of the proposed fragments in a scale 1:500
- schemes, sketches, visualizations and hand drawing showing the concept,
- thematic essay and a description of the project.

Literature: Basic literature on the subject of urban composition and design of residential complexes

Course type: Design studio - individual design work under supervision of a tutor

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and oral presentation)

Prerequisites: Architectural and Urban Design Studio (e.g. Urban Composition, Single Family Housing, Architectural and Urban Design – Multifamily Housing)

Primary target group: 4th year students in Architecture

Lecturer: Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch.,
Contact person: Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch.,
phone #: +48 12 628 24 30; e-mail: akanta@poczta.onet.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE: MULTI-FAMILY HOUSING DESIGN
ARCHITECTURAL AND URBAN DESIGN OF RESIDENTIAL COMPLEXES

Institute/Division: A3 Institute of Urban Design; Division of Public Spaces for Movement

Course code: IIC7
Erasmus subject code: 02.0
Number of contact hours: 105
Course duration: 1 semester (Spring)
ECTS credits: 8

Course description: Individual design work accompanied by introductory lectures, common discussions and students presentations of subsequent stages of concept development. The design task is to solve residential complex creating comfortable, modern dwelling space with a human scale and compositional unity. The starting point to the formulation of architectural and urban concepts is the analysis of functional and compositional context as well as cultural and natural values of the existing environment. The course goal is to teach students:
- urban analysis and its role in the design implications’ formulation;
- urban composition favoring peoples’ identification with their place of habitation;
functional, spatial and surface area standards of the apartments fulfilling diversified needs of contemporary societies;

Literature: Basic literature on urban rehabilitation and design of residential complexes will be specified at the beginning of the course. Most of books will be available for students during class meetings.

Course type: Design studio

Assessment method: Evaluation of the final submissions (process, progress, personal creativity & individual approach, graphical and oral presentation)

Prerequisites: Architectural and urban design studio (e.g. Urban Composition, Single Family Housing, Urban Infill)

Primary target group: 3rd, 4th and 5th year students in Architecture


Contact person:
Anna Franta, Assoc.Prof. D.Sc. Ph.D. Arch., phone #: +48 12 628-24-70
e-mail: studio_ut@pk.edu.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE: URBAN DESIGN A  
Institute/Division: A3 - Institute of Urban Design, Division of Urban Composition

Course code: IC22  
Erasmus subject code: 02.1 / 02.3  
Number of contact hours: 90  
Course duration: 1 semester (Spring)  
ECTS credits: 8

Course description: The course is devoted to the problems of delimiting and shaping selected urban areas which – on account of their location in the spatial structure of cities – play or could play an important role as centers of service and public functions. Public spaces play a special role in city centers. Public spaces in a city – squares, streets, municipal parks and beaches, boulevards – are open-access places, remembered from the past and still attracting users with their peculiar climate, attractive for diverse meetings and contacts between city dwellers or newcomers. Places where the life of an urban community goes on. The places of public events, urban rituals. A public space and public buildings form an attractive offer of places for everyday life, a possibility of staying with other people, realizing social behaviors through partnership in urban shows of life. To a large extent, they owe the legibility of the spatial structure of a city to public spaces. The accompanying public buildings – dominants or strong forms – play an important role in the composition of an urban space and have a significant meaning in the shaping of the identity of places and the identification of diverse sequences of the urban tissue. The revitalization of former city centers or the transformation of areas degraded by industry or other users, absorbed as a result of the territorial expansion of cities, is one of the most urgent assignments in most European cities - in Poland as well.

Literature: Basic literature on the subject of urban composition and design of residential complexes

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and oral presentation)

Prerequisites: Architectural and Urban Design Studio (e.g. Urban Composition, Single Family Housing, Architectural and Urban Design – Multifamily Housing)

Primary target group: 3rd year students in Architecture

Lecturer: Jacek Gyurkovich, Prof., DSc, PhD Arch.;  
Tutors: Filip Suchon MArch., Wojciech Wicher, PhD Arch., Agnieszka Matusik, PhD Arch.;

Contact person: Agnieszka Matusik, PhD Arch.; phone #: +48 12 628 24 28; e-mail: aga_vv@op.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE: URBAN DESIGN B
Institute/Division: A3 - Institute of Urban Design, Division of Urban Composition

Course code: IC22
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 90
Course duration: 1 semester (Spring)
ECTS credits: 8

Course description:
The course is devoted to the problems of formulating a form and a functions of a selected urban areas which play or could play an important role as centres of service and public functions.
The main target is to propose a new urban spaces which are integrated in formal and functional context. A system of urban public spaces and attractive programme is crucial.
Final composition should be regarded as an integrated formal composition as well as a good perceptual system, based on rules of good special orientation.
The project includes:
- urban analysis leading to establish guidelines for the concept of a chosen area regarding external relations and its composition and to find the right formula for both function and form for the proposed area,
- schemes for the idea in a scales 1:10000, 1:5000 in a city context,
- the concept in a scale 1:2000 as a regulatory plan to outline the concept of open space/public to private/ and relationships between volumes and open spaces /plan, visualizations from bird’s eye and the human eye level /for chosen urban interiors as a base for urban orientation/,
- plans, sections and elevations of the proposed fragments in a scale 1:500
- schemes, sketches, renderings and hand drawing showing the concept,
- thematic essay and a description of the project.

Literature: Basic literature on the subject of urban composition and design of residential complexes

Course type: Design studio - individual design work under supervision of a tutor

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and oral presentation)

Prerequisites: Architectural and Urban Design Studio (e.g. Urban Composition, Single Family Housing, Architectural and Urban Design – Multifamily Housing)

Primary target group: 3rd year students in Architecture

Lecturer: Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch.,

Contact person: Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch.,
phone #: +48 12 628 24 30; e-mail: akanta@poczta.onet.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE: URBAN DESIGN C
Institute/Division: A3 Institute of Urban Design, Division of Public Spaces for Movement

Course code: IC22
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 90
Course duration: 1 semester (Spring)
ECTS credits: 8

Course description: The elaboration of the concept of urban design re. the programmatic and spatial transformations of an important yet degraded central urban area. The work has three phases:
1) introductory seminars presenting the chosen sites;
2) detailed urban design analysis (teamwork, which results are presented and can be compared and assessed in order to facilitate the choice of the site)
3) individual design work: ideas and their design interpretations in the following scales:
   1:2000 (concept of relations to the larger context of the area), 1:1000 (detailed concept of revitalisation) and 1: 500 (detail of the proposed public space).

To master the fundamentals of the urban design, regarding the following:
- principles of composition of legible urban spaces inc. the existing values of the urban fabric
- principles of sustainable functional and spatial restructuring principles of creating of public spaces that enhance the identity of place;
- valid legal norms re. design in central urban areas and revitalization

To develop skills in:
- team work (urban design analysis as the basis of future design decisions)
- individual, creative and responsible design decisions in complicated urban locations

Literature: Basic literature on the subject of urban composition and urban renewal

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission (process, progress, personal creativity & approach, graphic and oral presentation)

Prerequisites: Architectural and Urban Design Studio (e.g. Urban Composition, Residential Neighborhoods, Residential Buildings, Public Use Buildings)

Primary target group: 3rd year students in Architecture

Lecturer:
Anna Franta, Assoc. Prof. DSc PhD Arch., Arch, Mateusz Gyurkovich, DSc PhD Arch.

Contact person: Anna Franta, Assoc. Prof. DSc PhD Arch.;
phone #: +48 12 628-24-70; e-mail: studio_ut@pk.edu.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE: 
URBAN DESIGN D
REDEVELOPMENT OF A PART OF A CITY WITH PREVALENT SERVICE FUNCTION
Institute/Division: A5 Institute of City and Regional Design; Division of Physical Planning and Environmental Protection

Course code: I-C-22
Erasmus subject code: 02.1 / 02.3 / 02.4
Number of contact hours: 90
Course duration: 1 semester (Spring)
ECTS credits: 8

Course description: The semester work has to result in a concept design in an urban-architectural scale, presenting a legible vision of development of a selected part of a town – against the broader context. The scope of the context is delimited individually, according to the logic of spatial and functional relations. The definition of these relations is one of the tasks of the project.

The main tasks are:
- To create new compositional values and esp. to create attractive public spaces and arrangement of masses that enrich the skyline;
- To provide proper functional relations – adequate to the spatial programme
- To define – generally – the character of architecture of the designer complex in order to enhance the genius loci.

Literature: Basic literature on the subject of urban design

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and written presentation)

Prerequisites: Urban Design Studio (e.g. Urban Composition, Residential Neighborhoods, Residential Buildings)

Primary target group: 3rd year students in Architecture

Lecturer: Bogdan Podhalański DSc.PhD Arch.

Contact person:
Bogdan Podhalański DSc.PhD Arch.
e-mail: a-5@pk.edu.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE: URBAN DESIGN E
REDEVELOPMENT OF A PART OF A CITY WITH PREVALENT SERVICE FUNCTION

Institute/Division: A5 - Institute of City and Regional Design; Chair of Spatial Planning and Environment Protection

Course code: IC22
Erasmus subject code: 02.1 / 02.3 / 02.4
Number of contact hours: 90
Course duration: 1 semester (Spring)
ECTS credits: 8

Course description: Within the frame of the course the students elaborate the design of a functional and compositional rebuilding of a part of a city in order to raise its functional value as well as the quality of life. On the basis of the provided land-surveying maps scale 1:2000 or 1:1000, the use survey, own assessment of the quality of an urban space and spatial and functional regional connections (and other materials) for a selected town the students are expected to prepare:

- Synthesis of conditions of the area in question against the background of a city and thence to propose
- The programmatic and spatial concept of the designed area in the scale of the provided map along with the sketches and working model, followed by:
  - A solution of a chosen part (1:500) with principles of solutions of an urban design detail and architectural - urban design solutions (plans, sections, sketches, perspectives)
  - The essay describing the consecutive parts of the project (elaborated parallel to the design work).

Literature: Basic literature on the subject of urban design

Course type: Individual design work under supervision and tutorial

Assessment method: Passing of the obligatory three design reviews, two drawing controls, elaboration of a design project and its jury.

Prerequisites: Urban Design Studio (e.g. Urban Composition, Residential Neighborhoods, Residential Buildings)

Primary target group: 3rd year students in Architecture

Lecturer: Prof. Elżbieta Węclawowicz-Bilska, DSc, PhD Arch., Rafał Blazy PhD Arch., Anna Pawlak PhD Arch.

Contact person: Prof. Elżbieta Węclawowicz-Bilska, DSc PhD Arch. Phone #: +48 12 628-24-66; e-mail: eweclaw@poczta.onet.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE:
URBAN DESIGN OF CITY CENTRES

Institute/Division: A5 Institute of City and Regional Design; Division of Physical Planning and Environmental Protection

Course code: IIC7
Erasmus subject code: 02.1 / 02.3 / 02.4
Number of contact hours: 105
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description: Students are expected to outline a concept of a future development for selected urban area presenting a clear vision in which new masses creating urban space will be harmoniously integrated with existing values of urban structure. The concept should be based on the analysis of the following elements / factors:

- The role of selected area in the whole town and spatial values of the designated area;
- Functional and spatial / visual relations of the area selected for development with surrounding urban fabric.

The following tasks are particularly important as design criteria for assessing the student’s project:

- Creating new aesthetic values such as attractive public spaces and the composition of masses enriching the skyline of the town;
- Ensuring appropriate functional relations respectively to the programmed uses of space;
- Defining the character of newly designed architecture so that it could be regarded as a creative interpretation of urban context.

Literature: Basic literature on the subject of urban design

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and written presentation)

Prerequisites: Urban Design Studio (e.g. Urban Composition, Residential Neighborhoods, Residential Buildings)

Primary target group: 4th and 5th year students in Architecture

Lecturer: Zbigniew Zuziak, Prof., DSc, PhD Arch.
Contact person: Zbigniew Zuziak, Prof., DSc, PhD, Arch.,
e-mail: a5-institute@pk.edu.pl or zzuziak@nsnet.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
SPECIAL TOPICS DESIGN –
DESIGN STUDIES: THE SEARCH FOR AN ARCHITECTURAL PRETEXT
Institute/Division: A6 Chair of Housing and Architectural Composition

Course code: IIC16
Erasmus subject code: 02-1
Number of contact hours: 60
Course duration: 1 semester (Fall)
ECTS credits: 6

Course description: An application of a project in an existing area:
- the research on “urban motivations” and “architectural pretexts” of the object and its location (chosen by a student according to his/her individual preferences);
- theoretical models of spatial thinking;
- the painted notation of the project's idea: an axonometric view, a perspective;
- an essay on the theoretical basis of the concept.

Literature: Literature on architectural composition and the design of housing architecture; architectural magazines.

Course type: Individual design work under supervision and tutorial.

Assessment method: Submission of the prepared design and the essay.

Prerequisites: Architectural and Urban Design Studio

Primary target group: 5th year students in Architecture

Lecturer: Dariusz Kozłowski, Prof., DSc, PhD Arch.
Tutor: Marcin Charciarek, PhD Arch.

Contact person:
Marcin Charciarek PhD, Arch., phone #: +48 12 628-24-35
e-mail: A-6@ pk.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
SPECIAL TOPICS DESIGN –
DESIGN STUDIES OF FORM, FUNCTION AND STRUCTURE

Institute/Division: A6 Chair of Housing and Architectural Composition

Course code: IIC16
Erasmus subject code: 02-1
Number of contact hours: 60
Course duration: 1 semester (available in Fall and/or Spring semester)
ECTS credits: 6

Course description:
Preparation for the diploma project:
- looking for the “urban motivation” and “architecture pretext” for the diploma project theme and setting, chosen by the student according to his/her individual interests;
- theoretical grounds of conception with short technical specification of the object;
- theoretical studies accompanied by design;
- preparation of an example of a project in existing area;
- theoretical models of thinking;
- notation of the project idea: axonometric view, perspective, project introduction in permanent technique;
- essay on theoretical grounds of conception with short technical specification of a building.

Literature: Literature on the subject of architectural composition and the design of housing architecture; architectural magazines

Course type: Individual design work under supervision and tutorial

Assessment method: Submission of prepared design and essay

Prerequisites: Architectural and Urban Design Studio

Primary target group: 5th year students in Architecture

Lecturer: Maria Misiągiewicz, Prof., DSc, PhD Arch.
Contact person: Monika Gala-Walczowska, PhD Arch., phone #: +48 12 628-20-21
e-mail: mgala-walczowska@pk.edu.pl

Deadline for application: beginning of the Fall or Spring semester (according to the schedule)
COURSE TITLE:
SPECIAL TOPICS DESIGN - URBAN DESIGN A

Institute/Division: A3 Institute of Urban Design, Division of Urban Composition

Course code: IIC16
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 60
Course duration: 1 semester (Fall)
ECTS credits: 6

Course description:
Course allows to broaden and improve students' skills and knowledge in the field chosen for the diploma project; it prepares students to elaborate the diploma work on both theoretical and practical level. The choice of the design task and its location depends on the student. Selected questions coming from an urban analysis (which covers urban history of the area, urban inventory, drawing and photographic material) form the first stage of student's work. They become the starting point for the further analysis, such as structure, composition of space, transportation and function which help to formulate possible urban policies for the prepared design.

The next stage is to prepare a regulation plan and axon (1:2000) presenting the idea of spatial and functional development of the area considered as a part of a larger existing town structure.

An obligatory essay consists of a short description of several examples of urban intervention in city structure with drawings and schemes (prepared at the first stage) and of an idea and technical description of a prepared design.

Literature: Basic literature on urban composition and urban renewal

Course type: Design studio organized in a form of group and individual consultations + 2 mid-semester reviews

Assessment method: Evaluation of the final submission

Prerequisites: Architectural and Urban Design Studio (e.g. Urban Composition, Public Use and Residential Buildings, Urban Renewal)

Primary target group: 4th and 5th year students in Architecture

Lecturer: Jacek Gyrkovich, Prof., DSc, PhD Arch.;
Tutors: Wojciech Wicher, PhD Arch., Agnieszka Matusik, PhD Arch.;

Contact person:
Agnieszka Matusik, PhD Arch.; phone #: +48 12 628 24 28; e-mail: aga_vv@op.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
SPECIAL TOPICS DESIGN - URBAN DESIGN B

Institute/Division: Institute of Urban Design, Division of Urban Composition

Course code: IIC16
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 60
Course duration: 1 semester (Fall)
ECTS credits: 6

Course description: Course allows to broaden and improve students' skills and knowledge in the field chosen for the diploma project; it prepares students to elaborate the diploma work on both theoretical and practical level. The choice of the design task and its location depends on the student.
Selected questions coming from an urban analysis (which covers urban history of the area, urban inventory, drawing and photographic material) form the first stage of student's work. They become the starting point for the further analysis, such as structure, composition of space, transportation and function which help to formulate possible urban policies for the prepared design.
The next stage is to prepare a regulation plan and axon (1:2000) presenting the idea of spatial and functional development of the area considered as a part of a larger existing town structure.
An obligatory essay consists of a short description of several examples of urban intervention in city structure with drawings and schemes or an essay on a chosen urban problem and of an idea and technical description of a prepared design.

Literature: Basic literature on urban composition and urban renewal

Course type: Design studio - individual design work under supervision of a tutor
Assessment method: Evaluation of the final submission (process, progress, personal creativity & individual approach, graphic and oral presentation)

Prerequisites: Architectural and Urban Design Studio (e.g. Urban Composition, Public Use and Residential Buildings, Urban Renewal)

Primary target group: 4th and 5th year students in Architecture

Lecturer: Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch.,
Contact person: Anna Agata Kantarek, Assoc. Prof., DSc, PhD, Arch., phone #: +48 12 628 24 30; e-mail: akanta@poczta.onet.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE: SPECIAL TOPICS DESIGN - URBAN DESIGN C
Institute/Division: A3 Institute of Urban Design, Division of Public Spaces for Movement

Course code: IIC16
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 60
Course duration: 1 semester (Fall Semester)
ECTS credits: 6

Course description: The course intends to broaden students’ knowledge and to perfect their skills in solving design problems in a selected area. The project and the site are determined by the student’s interest and his/her supervisor’s agreement. It should be thematically related to the diploma project and provide a broader theoretical and urban context. First stage of the project is an urban analysis of the area. It investigates the existing development (through drawing and photo-graphic inventory), building structure, urban composition, present uses and transport system. The outcome of the analysis allows to determine conditions for future development and to formulate design guidelines for the site.

In the second stage of the project students outline their urban design concepts. Important design criteria are: urban context, links with the surrounding network of public spaces, contribution of the proposed development to overall urban quality and its environmental impact. In the written component the student presents his/her idea and the project description.

Literature: Basic literature on the subject of urban design and urban rehabilitation:
- Girouard Mark, Cities and People, Yale University Press, New Haven and London 1985;
- Gehl Jan, Life Between Buildings, The Danish Architectural Press, 2010;
- Palej Anna, Miasta cywilizacji informacyjnej. Poszukiwanie równowagi pomiędzy światem fizycznym a światem wirtualnym, Wydawnictwo Politechniki Krakowskiej, Kraków 2004;
- Franta Anna, Reżyseria przestrzeni. O doskonaleniu przestrzeni publicznej miasta, Wydawnictwo Politechniki Krakowskiej, Kraków 2004;

Course type: Design studio organized in a form of group and individual tutorial, presentations and discussions.
Assessment method: Evaluation of the final submission
Prerequisites: Architectural and Urban Design Studio (e.g. Urban Composition, Public Use and Residential Buildings, Urban Renewal)
Primary target group: 4th and 5th year students in Architecture

Lecturer: Anna Franta, Assoc. Prof., DSc, PhD Arch.
Contact person: Anna Franta, Assoc. Prof., DSc, PhD Arch.
phone #: +48 12 628-24-70; e-mail: studio_ut@pk.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
SPECIAL TOPICS DESIGN – URBAN DESIGN D

Institute/Division: A3 Institute of Urban Design, Chair of Housing Environment

Course code: IIC16
Number of contact hours: 60 hours /semester
Course duration: 1 semester (Fall)
ECTS credits: 6

Course description:
Preparation for the diploma project on the both theoretical and practical level:

- the choice of the design task (including the possibility of the interdisciplinary topic of the work)
- the choice of its location (attractive due to the opportunity to propose interesting functional-spatial solutions in reference to the principles of sustainable development)
- urban analysis taking into account the physiognomy of the area. The analysis should also be applicable to a broader context - the scale of the city and neighboring areas.
- further analysis as well as the conclusions and recommendations on the contemporary requirements of the development of high-quality living environment including attractive architectural and urban solutions
- presenting the idea of spatial and functional development of the areas.

Literature:
Basic literature on the urban composition and the design of housing architecture.

Course type: Individual design work under supervision and tutorial.

Assessment method:
Evaluation of the final submission.

Prerequisites: Architectural and Urban Design Studio

Primary target group: 4th and 5th year students in Architecture

Lecturer: Justyna Kobylarczyk, D.Sc. Ph.D arch.

Contact person: Justyna Kobylarczyk, D.Sc. Ph.D arch., email: j.kobylarczyk@op.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
SPECIAL TOPICS DESIGN – URBAN DESIGN E

Institute/Division: A3 Institute of Urban Design, Chair of Housing Environment

Course code: IIC16
Number of contact hours: 60 hours /semester
Course duration: 1 semester (Fall)
ECTS credits: 6

Course description:
Preparation for the diploma project on the both theoretical and practical level.
- the choice of the design task,
- the choice its location,
- urban analysis,
- further analysis,
- presenting the idea of spatial and functional development of the areas.

Literature:
Basic literature on the urban composition and the design of housing architecture.

Course type: Individual design work under supervision and tutorial.

Assessment method:
Evaluation of the final submission.

Prerequisites: Architectural and Urban Design Studio

Primary target group: 4th and 5th year students in Architecture

Lecturer: Krystyna Paprzyca, DSc. Ph.D Arch.

Contact person: Krystyna Paprzyca, DSc. Ph.D Arch., krystyna.paprzyca@xl.wp.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
SPECIAL TOPICS DESIGN –
SUSTAINABLE DESIGN IN URBAN AND ARCHITECTURE SCALE
Institute/Division: A-3 (institute of Urban Design), Chair of Housing Environment

Course code: IIC16
Erasmus code: 02.1 / 02.3
Number of contact hours: 60
Course duration: one semester (Fall)
ECTS credits: 6

Course description:
Forms: seminars, short lectures, essays, short study connected with the sustainable design
Aim: course allows to broaden and improve the knowledge and skills on sustainable design
and its principles (respect for site, respect for people – healthy housing environment, energy
efficiency, alternative sources of energy, 3R – reduce, reuse, recycle). It can be connected
with the field of the diploma topic and depends on the student;
Topic: Study of chosen – derelict area or urban structure, building and it function or form,
taking into consideration possibilities of changing with the utilization of the chosen
sustainable principles on the base of knowledge and the case studies. Last presentation
depends on the chosen topic: plans, schemes, models; essay is obligatory.

Literature: Literature on – sustainable development, principles of sustainable design; urban
and housing theory in aspect of the contemporary city development e.g.
- J. Wines – Green Architecture, Taschen
- G. Schneider-Skalska, Designing a healthy housing environment. Selected problems.
  LAP LAMBERT, 2011
- R. Rogers, A.Power, Cities for a small country, Faber&Faber, 2000

Course type: seminars and small individual/group project/analysis

Assessment method: Evaluation of the final submission of the project/studium and assay;
presentation; personal creativity

Prerequisites: Architectural and Urban Design courses

Primary target group: 5th year students in Architecture

Lecturer: Grażyna Schneider-Skalska, prof., DSc., PhD Arch
Contact person:
Grażyna Schneider-Skalska, prof., DSc., PhD Arch; phone #510 192 351; e-mail:
gsskalska@interia.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
SPECIAL TOPICS DESIGN –
URBAN AND ENVIRONMENTAL PROTECTION

Institute/Division: A5 Institute of City and Regional Design;
Division of Physical Planning and Environmental Protection

Course code: IIC16
Erasmus subject code: 02.1 / 02.3 / 02.4
Number of contact hours: 60
Course duration: 1 semester (Fall)
ECTS credits: 6

Course description: The student can choose his/her project theme from the following thematic groups:
- Redevelopment/regeneration of the inner city area and urban revitalization strategies with particular reference to the “close-to-station-areas” and the network of public spaces related to “the architecture of travel”;
- Projects for spatial development of the areas related to heritage trails and significant tourist areas in Southern Poland;
- Spatial development of selected urban area in the context of development guidance, derived structural spatial development plans (mainly the projects that can be regarded as potential “flagship projects”).

Tasks:
- Defining the problem and its contexts;
- Inspirations (artistic, from plastic art, literature and music) and interpretation of site/place specific values;
- Working out individual project design methodology;
- Vision of possible spatial solutions and its artistic interpretation.

Literature: Basic literature on urban design

Course type: Individual design work under supervision and tutorial

Assessment method: Individual presentation for a tutor

Prerequisites: Urban Design Studio (e.g. Urban Composition, Residential Neighborhoods, Residential Buildings)

Primary target group: 4th and 5th year students in Architecture

Lecturer: Zbigniew Zuziak, Prof., DSc, PhD Arch.

Contact person: Zbigniew Zuziak, Prof., DSc, PhD, Arch.,
e-mail: a5-institute@pk.edu.pl or zzuziak@nsnet.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
SPECIAL TOPICS DESIGN – TOWNS, SPATIAL AND REGIONAL PLANNING, HEALTH RESORTS AND SPA PLANNING

Institute/Division: Institute of City and Regional Design; Chair of Spatial Planning and Environment Protection

Course code: IIC16
Erasmus subject code: 02.1 / 02.3 / 02.4
Number of contact hours: 60
Course duration: 1 semester (Fall)
ECTS credits: 6

Course description:
Each student can choose the subject of project from the following group of selected issues:
- Recreation and spa areas in metropolis, cities and towns;
- Existing and new spas and health resorts;
- Redevelopment areas in centers of big and medium cities;
- Spatial development of heritage and natural values areas specially in regions of South Poland.

Course focuses on practical problems occurring in design process in the disciplines of urban design, spatial planning, regional planning, tourist, leisure, spa and resort planning; each design is preceded by the definition of natural, cultural and social aspects. Individual preliminary studies are based on limited area regional scale or local plan design.

Literature:
Basic literature on urban design and on the chosen subject:
- Arieff, B. Burkhart Spa , Taschen Koln 2005

Course type: Individual design work under supervision and tutorial

Assessment method: Execution of design and its public defense

Prerequisites: Urban Design Studio (e.g. Urban Composition, Residential Neighborhoods, Residential Buildings)

Primary target group: 4th and 5th year students in Architecture

Lecturer: Prof. Elżbieta Węcławowicz-Bilsk, DSc, PhD Arch. Wojciech Wójcikowski, PhD, Arch.

Contact person: Prof. Elżbieta Węcławowicz-Bilsk, PhD. DSc, Arch., phone #: +48 12 628-24-66; e-mail; eweclaw@poczta.onet.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
PROJECTS/ DESIGNING

LANDSCAPE ARCHITECTURE DESIGN – INTEGRATED DESIGN STUDIOS
COURSE TITLE:
URBAN PUBLIC SPACE – STREET& SQUARE (INTEGRATED DESIGN STUDIO 3)
Institute/Division: A8 Institute of Landscape Architecture, Study for Cultural Foundations of Landscape Architecture

Erasmus subject code:
Number of contact hours: 105
Course duration: 1 semester (Fall Semester)
ECTS credits: 9

Course description
The topic of design is an urban enclosure: a square, city street in their broader context respecting composition and visual relations with other neighbouring enclosures:

- General concept of square or street composition within their context (scale 1:500), inventory of the present state, planting plan and management, preliminary design - plans and axonometric view
- Underground passage with green lid construction (scale 1:500 and 1:200, plans and sections, with details)
- Square design (scale 1:200), paving and plastering, street furniture (scale 1:20 or 1:10), specification of plants
- Detail design (optional) - bus shelter, kiosk, statue, fountain (scale 1:50 or 1:20) plans, sections, views and perspective drawings

Literature
- Katalog roślin II - drzewa, krzewy, byliny polecane przez Związek Szkółkarzy Polskich, Agencja Promocji Zieleń, Warszawa 2003
- Time-saver standards for landscape architecture: design and construction, coedit. Charles W. Harris, New York 1988
- Gordon Cullen, The Concise Townscape, London 1977

Course type: design studio

Assessment method: project completion

Primary target group
Landscape Architecture course – 3rd semester of graduate studies

Lecturer: Anna Staniewska, PhD Arch.
Tutor: Jacek Konopacki, MSc. Landscape Architect

Contact person:
Jacek Konopacki, MSc. Landscape Architect, jkonopacki@pk.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE: REVALORIZATION OF HISTORIC GARDENS (INTEGRATED DESIGN STUDIO 4)

Institute/Division: A8 Institute of Landscape Architecture

Course code: WA AK C5a 12/13, WA AK C5b 12/13
Erasmus subject code:
Number of contact hours: 105
Course duration: 1 semester (Spring)
ECTS credits: 9

Course description
The topic of design is a monastic complex.
During the semester course students prepare 5 sequential part of designs:
- Analysis of accessibility to monastic enclosures and their spatial context.
- Historic studies - phases of spatial development.
- Function of pilgrims shrine.
- Revalorisation of (viridarium) hortus conclusus (the Middle Ages), monastic garden (the Renaissance), "Paradise Courtyard" (the baroque)
- Garden architecture

Literature
Basic literature on garden design and revalorization:
- Magazines: German - „Garten und Landschaft“, English: „Landscape Architecture“, Polish: „Ogrody, ogródki, zieleńce"

Course type: design studio

Assessment method: project completion

Primary target group: Landscape Architecture course – 4th semester of graduate studies

Lecturer: Prof. Anna Mitkowska, D. Sc., Ph. D. Arch.
Tutor: Katarzyna Hodor PhD. Arch.

Contact person
Katarzyna Hodor, phone 012-628-24-64, e-mail - kasiahodor@interia.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE:
PUBLIC PARK (INTEGRATED DESIGN STUDIO 5)
Institute/Division: A8 Institute of Landscape Architecture, Study for Cultural Foundations of Landscape Architecture

Number of contact hours: 105
Course duration: 1 semester (Fall Semester)
ECTS credits: 11

Course description:
The course exposes students to real-world situation of designing a public park in Kraków or direct neighborhood where creative activity and basic independent landscape research is expected. The site is each year different for design is based on the results of social research (public participation workshop is part of the course).
The project has to take into account the needs of various user groups of a land area. Designed park space should be created as a meaningful public space universally accessible in all terms and engaging visitors of diverse ages, backgrounds and interests.
Moreover, the course offers an opportunity to develop an understanding of the sensory, visual and functional importance of plants in the landscape. Basic information on visualization and design of planted landscapes is given together with the advice on development of draft planting plans.
The project idea should be expressed through graphic media and the use of drawing techniques for visual representation, including plans, sections, and axonometric drawings with necessary technical details where appropriate. Both free-hand drawing and computerized drafting and drawing are encouraged.
Scope of the project: Landscape architectural project - plan in 1:500 (1:1000), sections, projects of objects (pavilions, bridges etc. – scale 1:100 or 1:50), small architecture, landmarks, planting concept, a brief summary about the project

Literature:
- Frederick Steiner, 'The Living Landscape', IslandPress 2008
- John Benson, 'Landscape and Sustainability', 2001

Course type: Individual design work under supervision and tutorial, participation in participative planning workshop, an on-site visit, short introductory seminars
Assessment method: Participation in the course and design – reviews; submission and evaluation of the completed project.
Prerequisites: Basic knowledge of the (landscape) architectural design, basic drawing skills

Primary target group: 3rd year students in Architecture and Landscape architecture

Lecturer: Krystyna Pawlowska, Prof. Arch.
Tutors: Anna Staniewska, PhD Arch.

Contact person: Anna Staniewska, PhD Arch, phone #: +48 12 628 24 91; e-mail: astaniewska@pk.edu.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
Remarks: The design tasks are preceded by social research and are different in each year
COURSE TITLE:
POST-INDUSTRIAL AREAS (INTEGRATED DESIGN STUDIO 6)
Institute/Division: A8 Institute of Landscape Architecture

Course code: 
Erasmus subject code: 
Number of contact hours: 105
Course duration: 1 semester (Spring)
ECTS credits: 9

Course description
- Study of landscape enclosures for the chosen post-industrial area
- Preliminary design of master plan for post-industrial park
- A concept design of part of park
- A birds–eye view perspective of master plan conception
- Presentation techniques of design concept

Literature
- Time-saver standards for landscape architecture: design and construction, coedit. Charles W. Harris, New York 1988
- Magazines – in English - Topos, in Polish – Murator

Course type: design studio

Assessment method: project completion

Primary target group: Landscape Architecture course – 6th semester of graduate studies

Lecturer: Zbigniew Myczkowski, Prof. D. Sc., Ph. D. Arch.

Contact person: Zbigniew Myczkowski, Prof. D. Sc., Ph. D. Arch., email: marysiekm@poczta.onet.pl
COURSE TITLE:
COMPOSITION IN OPEN LANDSCAPE (INTEGRATED DESIGN STUDIO 7)

Institute/Division: A8 Institute of Landscape Architecture, Chair of Landscape Architecture Design

Course code: 
Erasmus subject code: 
Number of contact hours: 105
Course duration: 1 semester (Fall or Spring)
ECTS credits: 7

Course description: The project is carried out in the suburbs or rural areas with high landscape and / or cultural and natural values. Design area covers few to several hundred hectares. Throughout the course, students perform digital terrain model on which the landscape analysis is conducted utilizing ray-tracing method. On the maps of the area, the students develop an analysis of the historical and natural resource. Based on the self-prepared analyzes, the student prepares guidelines for the project. The course project includes the development of the master plan of project area on a scale of 1:1000 - 1:5000, depending on the subject and a detailed project on a scale of 1:500 or 1:1000. For each scale visualizations are made from human level and birds’ eye view.
Theme of the project envisages development of the area for recreational / sports utilities. Aspects of protection of existing cultural, landscape and natural values of the area should be taken into account the project.

Literature: Depending on the design task

Course type: Individual design work under supervision and tutorial

Assessment method: Evaluation of the final submission as well as process, progress, personal creativity & individual approach, graphic and oral presentation; final presentation: 4 charts 100 x 70 cm + freehand drawing and 10 min oral presentation

Prerequisites: Skilled operation of CAD-systems (focus on Autodesk Civil 3D), Sketchup, Photoshop, freehand drawing; landscape understanding; basic knowledge of plants and plant communities

Primary target group: 
3rd, 4th, and 5th year students in Landscape Architecture and Architecture

Lecturer: Wojciech Kosiński, Prof., DSc, PhD Arch.
Tutor: Przemysław Kowalski, PhD

Contact person: Przemysław Kowalski, PhD, phone #: +48 12 628-25-65; e-mail: pmkowal_ak@gmail.com

Deadline for application: beginning of the Fall or Spring semester (according to the schedule)