COURSES OFFERED IN ENGLISH - FACULTY OF ARCHITECTURE 2013/14

PROGRAMME TENNESSEE
1. Urban Design International Programme – Programme Tennessee

LECTURES
2. Building Livable Cities I - Urban Housing Today and Tomorrow
3. Building Livable Cities II - Urban Spaces, Public Places
4. Urban Revitalization
5. Urban Transport – Theory
6. History of Polish Architecture
7. Urban Design Of City Centers – Theory

RESEARCH
8. Preservation of Monuments And Revalorization
10. Building Structures
11. Cad Techniques
12. Ecology And Environment Environmental Protection
13. Eco City

ARTISTIC SUBJECTS
14. Photography
15. Freehand Drawing and Painting
16. Freehand Drawing - Architectural Perspective Drawings
17. Freehand Drawing And Painting - Still Life Studies
18. Freehand Drawing – Painting and Composition
19. Freehand Drawing and Composition
20. Sculpture

PROJECTS/ DESIGNING
ARCHITECTURAL & URBAN DESIGN
21. Residential Buildings I – single family housing
22. Residential Buildings II – multifamily housing
23. Residential Building Design II - Architectural and Urban Design of Residential Complexes A
24. Residential Building Design II - Architectural and Urban Design of Multifamily HousingA
25. Residential Building Design II - Architectural and Urban Design of Multifamily HousingB
26. Residential Building Design II - Residential Infill in The Urban Fabric
27. Residential Building Design II - Architectural and Urban Design of Residential Complexes B
28. Residential Building Design II - Urban Infill
29. Service Complexes Design
30. Public Use Building Design I (advanced design)
31. Public Use Building Design II (Master Degree - advanced design)
32. Architectural Design of Service Buildings - Naturally Shaped Architecture (NSA 1&2)
33. Architecture Design of Public Buildings - Naturally Shaped Architecture (NSA 3) – advanced design
34. Architecture Design of Public Buildings - Naturally Shaped Architecture (NSA 4) – Master Degree Advanced Design
35. Architecture Design of Public Buildings - Naturally Shaped Architecture (NSA 5) - Diploma Design

www.waerasmus.pk.edu.pl erasmus_wa@hotmail.com Faculty of Architecture 2013/14
36. Industrial Architectural Design
37. Spatial Planning A
38. Spatial Planning B
39. Design for Conservation
40. Architecture and Planning in the Countryside
41. Regional Planning
42. Multi-Family Housing Design
43. Multi-Family Housing Design - Architectural and Urban Design of Multifamily Residential Complexes A
44. Multi-Family Housing Design - Architectural and Urban Design of Multifamily Residential Complexes B
45. Multi-Family Housing Design - Architectural and Urban Design of Residential Complex
46. Urban Design A
47. Urban Design B
48. Urban Design - Centers and Central Areas
49. Urban Design C
50. Urban Design D
51. Urban Design - Redevelopment of a Part of a City with Prevalent Service Function
52. Urban Design of Service Areas
53. Urban Design of City Centers A
54. Urban Design of City Centers B
55. Urban Design Of City Centers C
56. Urban Design Of City Centers D
57. Urban Design of City Centers E
58. Urban Design of City Centers - Urban Renewal A
59. Urban Design Of City Centers - Urban Renewal B
60. Special Design Topics. Design Studies: The Search for an Architectural Pretext
61. Special Design Topic: Design Studies of Form, Function And Structure
62. Special Design Topic: Urban Design A
63. Special Design Topic: Urban Design B
64. Special Design Topics: Urban and Environmental Protection
65. Special Design Topics: Town, Spatial And Regional Planning, Spa and Health Resorts Planning

PROJECTS/ DESIGNING
LANDSCAPE ARCHITECTURE DESIGN – INTEGRATED DESIGN STUDIOS

66. IDS 2 - Private Garden
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
72. IDS 8 - Physical Planning – Landscape Aspects in Spatial Planning
73. IDS 9 - Physical Planning – Plans of protection
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
COURSE TITLE:
LECTURES: BUILDING LIVABLE CITIES - URBAN HOUSING TODAY AND TOMMOROW

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

Erasmus subject code: 02.0
Number of contact hours: 15
Course duration: 1 semester (Fall)
ECTS credits: 5

Course description: Lectures are focused on the following themes:
- historical development of residential fabric in cities;
- different approaches to the housing problems in the 20th century;
- residential density and other urban factors allowing evaluation of different housing proposals;
- family needs and surface area standards of the apartments;
- residential buildings – the typology of access, the typology of layout;
- spaces between buildings;
- privileged groups in the residential complexes – children, handicapped, elderly people;
- current trends in designing of urban multi-family housing – city block or block of flats?
- new relations *house - place of work* in cities of information civilization.

Literature: Basic literature on urban rehabilitation and design of residential complexes:
- Mozas Javier, Fernandez Per Aurora, *Density, New Collective Housing*, a+t ediciones, 2004;
- + architectural periodicals.

Course type: Lectures

Assessment method: Attendance and evaluation of the final submissions (critical essay)

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

Lecturer: Anna Palej, Assoc. Prof. DSc PhD Arch.
Contact person: Anna Palej, Assoc. Prof. DSc PhD Arch., phone #: +48 12 628-31-13; e-mail: annapalej@gmail.pl

Deadline for application: beginning of the Fall semester (according to the schedule)
COURSE TITLE:
LECTURES: BUILDING LIVABLE CITIES II - URBAN SPACES, PUBLIC PLACES
Institute/Division: A3 Institute of Urban Design, Division of Public Spaces for Movement

Erasmus subject code: 02.0
Number of contact hours: 30
Course duration: 1 semester (Spring)
ECTS credits: 5

Course description:
Lectures are focused on complex problems of urban design of contemporary city centres. Discussed themes are the following:
- contemporary spatial problems of cities and their historical background;
- different approaches to urban design in the 20th c.;
- historical paradigms and their application in contemporary urban design practice;
- urban analysis – chosen concepts;
- factors influence high standard of living in cities: quality of public spaces, residential fabric, and green open spaces;
- “great streets” and their contemporary role in the city;
- “third places”;
- presentation of various possibilities, values and chances that develop under the influence of information technology;
- future of urban life – utopian visions and image of cities shaped by the new economy;
- searching for new urban ethics.

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

Course type: Lectures

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

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

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

Contact person: Anna Palej, Assoc. Prof. DSc PhD Arch., phone #: +48 12 628-31-13; e-mail: annapalej@gmail.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE: LECTURES & SEMINARS: URBAN REVITALIZATION
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:
LECTURES: URBAN TRANSPORT - THEORY

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

Course code: C2-7
Erasmus subject code: 02.3 / 02.6
Number of contact hours: 15 (lectures)
Course duration: 1 semester (Fall)
ECTS credits: 2

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, London 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: Krzysztof Bieda, Prof. DSc PhD Arch.
Contact person: Krzysztof Bieda, Prof. DSc PhD Arch., phone #: +48 12 628-24-29; e-mail: kbieda@pk.edu.pl

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


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:
LECTURES: URBAN DESIGN OF CITY CENTRES - THEORY
Institute/Division: A3 - Institute of Urban Design; Division of Public Spaces for Movement

Course code: C4-2-1
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)
RESEARCH
COURSE TITLE:
PRESERVATION OF MONUMENTS AND REVALORIZATION

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

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: 2 + 2

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 Kadłuczka, Prof. DSc PhD Arch. , 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 (2 ECTS) may accompany Design for Conservation in Spring semester
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: Waclaw 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: Łukasz Wesołowski, MSc 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 STRUCTURES
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

Institute/Division: A9 - Institute of Construction Design; Division of Descriptive Geometry, Technical Drawing and Engineering Graphics

Number of contact hours: 30
Course duration: 1 semester (Fall or Spring Semester)
ECTS credits: 4 (minimum)

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, AutoCAD Architecture, Revit, Mudbox, ArchiCAD, Blender, 3dsMax applications. Introduction of modern tools (Drawing Board, 3D printer) and methods (BIM, Graphisoft Virtual Building Solution for Teamwork, “working in the cloud”) into design process: starting from a 3D modeling, through visualization (Artlantis), animation (ArchiCAD, 3dsMax Design, Artlantis) and Virtual Reality (BIMX) into technical layouts, cross sections and dimensioning creation (blueprints).

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 and Landscape Architecture

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

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

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 Węclawowicz-Bilska, PhD DSc Arch., Magdalena Marx-Kozakiewicz PhD Arch.

Contact person: Prof. Elżbieta Węclawowicz-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: 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 PERSPECTIVE 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. Architektura jako sztuka, 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 AND PAINTING - STILL LIFE STUDIES

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

Erasmus subject code: 02.9
Number of contact hours: 48
Course duration: 1 semester (Spring Semester)
ECTS credits: 3

Course description:
The task of the course is forming observational skills (including a sense of proportion, forms, the effects of light in space, sensitivity to beauty), improving artistic expression, rapid formal synthesis and recording spatial images through sketching.

Drawing tasks:
- studio: still-life, furniture arrangements, interior simulations, architectural details, stain-glass, classical sculpture, masses;
- outdoor: monuments and contemporary architectural objects.

Literature:
- Maria J. Żychowska: Współczesne witraże polskie;
- Jan Bruzda: Szkice perspektywiczne w architekturze;
- Research work carried by Andrzej Białkiewicz

Course type: Individual drawing and painting under supervision and tutorial

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

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

Lecturer:
Maria J. Żychowska, Prof. DSc PhD Arch.
Andrzej Białkiewicz, 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 Spring semester (according to the schedule)
COURSE TITLE: FREEHAND DRAWING – PAINTING AND COMPOSITION
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 Gołogórsk-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 AND COMPOSITION
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 Strzemiński, WL, Kraków 1969
- Wybór pism estetycznych, Władysław Strzemiński, Universitas, Kraków 2006
- Martwa natura, Charles Sterling, WA i F i PWN, Warszawa 1998
- Awangardowe marginesy, Andrzej Turowski, Instytut Kultury, Warszawa 1998
- Budowniczoświęta, 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

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 or Spring semester (according to the schedule)
PROJECTS/ DESIGNING

ARCHITECTURAL & URBAN DESIGN
COURSE TITLE:
RESIDENTIAL BUILDINGS I (SINGLE-FAMILY HOUSING)
Institute/Division: Institute of Architectural Design, Chair of Housing

Course code: C3-2-2
Erasmus subject code: 02-1
Number of contact hours: 150 per semester
Course duration: 1 semester (available in Fall and Spring semesters)
ECTS credits: 8

Course description: A two-semester course in architectural and urban design addressing the issues of: The House or Play with the Cube (in the Fall semester), Architecture of the minimum – The House in the Landscape – Concrete Architecture (in the 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, 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 BUILDINGS II (MULTI-FAMILY HOUSING)
Institute/Division: A2 Institute of Architectural Design, Chair of Housing

Course code: C3-3-2
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, 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 A
Institute/Division: A2 Institute of Architectural Design, Division of Architectural Composition

Course code: C3-3-2
Erasmus subject code: 02-1
Number of contact hours: 120
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: Mariusz Twardowski, PhD Arch., phone #: +48 12 628-20-21
e-mail: mt@twardowskiwokan.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 A
Institute/Division: A3 Institute of Urban Design, Division of Urban Composition

Course code: C3-3-2
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 Gyurkovich, Prof. DSc PhD Arch.
Tutors: Mateusz Gyurkovich PhD Arch., Wojciech Wicher, PhD Arch., Agnieszka Wójcik, PhD Arch.

Contact person: Agnieszka Wójcik, 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 –
ARCHITECTURAL AND URBAN DESIGN OF MULTIFAMILY HOUSING B
Institute/Division: A3 Institute of Urban Design, Division of Urban Composition

Course code: C3-3-2
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)
RESIDENTIAL INFILL IN THE URBAN FABRIC
Institute/Division: A3 Institute of Urban Design, Chair of Urban Renewal and Development

Course code: C3-3-2
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 120
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description: The course teaches the method of architectural and urban design of multi-family residential building (or buildings) in the context of a site in the urban fabric including their functional and spatial relations.
The course aims at:
- Presenting the fundamental problems of housing design;
- Developing the ability to solve more complex design problems by applying the method of analysis and synthesis;
- Further development of professional vocabulary comprising expressions, principles and ideas;
- Improving the ability to make use of professional literature, broadening the previously acquired knowledge and skills through developing the ability observe, perceive, create and express the architectural message.

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

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

Assessment method: Participation in the course and design – reviews; evaluation of the completed project, jury; class involvement, general attitude.
Scope of the project: architectural project with the urban context 1:100 (plans, cross-sections, elevations), construction detail 1:20, model 1:100, project description (3000 words), freehand drawing- perspective of the building in the urban context.

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

Primary target group: 3rd year students in Architecture

Lecturer: Stanisława Wehle-Strzelecka, Assoc. Prof. DSc, PhD, Arch.;
Tutors: Małgorzata Mizia, PhD Arch, Krzysztof Kwiatkowski PhD Arch.

Contact person: Małgorzata Mizia, PhD, Arch.; phone #: +48 12 628 24 34;
e-mail: mmizia@o2.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 RESIDENTIAL COMPLEXES B

Institute/Division: A3 Institute of Urban Design, Chair of Urban Renewal and Development

Course code: C3-3-2
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 120
Course duration: 1 semester (Fall)
ECTS credits: 8

Course description: The design task is the urban and architectural design concept of a multi-family residential complex of an infill type in the urban context – along with the service buildings and the development of the surroundings.

The design method is based upon studies of composition functional and spatial relations of the context: analysis of the existing fabric, transportation and circulation systems as well as the context of nature. Pro-ecological solutions are preferred (energy-saving and sustainable design).

To master the design skills in the above field, thus respecting:
- the principles of the legible composition in the context of the existing urban fabric, public space, individual site conditions, climate (built and natural environment) and tradition of the site
- proper choice of the programme, structure of residential architecture, principles of scale, internal and external connections, aesthetics and further criteria of evaluation (sustainability)

To develop the skills of presentation of own design
To develop the skills of using the literature as well as comparative and case studies.

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 student’s creative activity, design reviews, jury, completed exercises and projects.

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

Primary target group: 3rd year students in Architecture

Lecturer: Stanisława Wehle-Strzelecka, Assoc. Prof. DSc PhD Arch.
Contact person: Stanisława Wehle-Strzelecka, Assoc. Prof. DSc PhD Arch.
phone #: +48 12 628 24 34; email: wehle@tlen.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: C3-3-2
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 Palej, Assoc. Prof. DSc PhD Arch.
Contact person: Anna Palej, Assoc. Prof., DSc PhD Arch., phone #: +48 12 628-31-13; e-mail: annapalej@gmail.pl

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

Institute/Division: A2 Institute of Architectural Design, Division of Public Use Buildings

Course code: C3-4-2
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 90
Course duration: 1 semester (Fall 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)

Institute/Division: A2 Institute of Architectural Design, Division of Public Use Buildings

Course code: C3-6-2
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 90
Course duration: 1 semester (available in Fall and Spring semesters)
ECTS credits: 7

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 or Spring semester (according to the schedule)
COURSE TITLE:
PUBLIC USE BUILDING DESIGN II (Master degree - advanced design)
Institute/Division: A2 Institute of Architectural Design, Division of Public Use Buildings

Course code: II-C-7
Erasmus subject code: 02.1 / 02.3
Number of contact hours: 105
Course duration: 1 semester (Fall semester)
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:
ARCHITECTURAL DESIGN OF SERVICE BUILDINGS – NATURALLY SHAPED ARCHITECTURE (NSA 1&2)
Institute/Division: A2 Institute of Architectural Design, Chair of Environmental Architecture

Course code: I-C-20
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, 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), 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: I-C-20
Erasmus subject code: 02.1
Number of contact hours: 90
Course duration: 1 semester (available in Fall semester)
ECTS credits: 7

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, 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
- Żórawski, Juliusz, O budowie formy architektonicznej
- Zumthor, Peter, Thinking Architecture

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: II-C-7
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,
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, Zarządzanie a społeczność lokalna – konflikt, współpraca, czy
  przejęcie władzy? [in:] Kleczkowski P. (ed.), Metody zarządzania odnową miast [in
  Polish]
- Lenartowicz J-K., Maciąg, Diana, Od terenów przemysłowych do… / From industrial
  areas to …
- Nyka, Lucyna, Szczepański, Jakub, 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: 
ARCHITECTURE DESIGN OF PUBLIC USE BUILDINGS – NATURALLY SHAPED ARCHITECTURE (NSA 5) – DIPLOMA PROJECT
Institute/Division: Institute of Architectural Design, Chair of Environmental Architecture

Course code: II-C-17
Erasmus subject code: 02-1
Number of contact hours: 15
Course duration: 1 semester (Spring)
ECTS credits: 20

Course description: The aim of the course is to develop skills in highly complex design tasks of student’s own choice (guided by the teacher). Naturally Shaped Architecture (NSA) means inclusive architectural design focused on the user, the user’s needs, functional solution, structure organically serving the designed space, the whole fitting the environment. Study tour organized on request.

Literature: Literature on the subject of architectural design

Course type: Individual design work under supervision and tutorial

Assessment method: Submission of design project and essay on architecture + description

Prerequisites: Architectural and Urban Design Studio

Target group: 5th year students in Architecture (MA diploma project)

Teachers: 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 Spring 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: 7  

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

Course code: II-C-11
Erasmus subject code: 02.1 / 02.3 / 02.4
Number of contact hours: 120
Course duration: 1 semester (Fall)
ECTS credits: 7

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

Course code: II-C-11
Erasmus subject code: 02.1 / 02.3 / 02.4

Number of contact hours: 120
Course duration: 1 semester (Fall)
ECTS credits: 7

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: Zbigniew Zuziak, Prof., DSc, PhD Arch.
Tutors: Bogdan Podhalański PhD Arch., Daniel Ogrodnik 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:
DESIGN FOR CONSERVATION

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

Course code: II-C-9
Erasmus subject code: 02.9
Number of contact hours: 105
Course duration: 1 semester (Fall or Spring)
ECTS credits: 7

Course description: The course task is mastering the skills of: gathering, preparing and using historical materials; designing within the historical fabric of the city; defining the limits of interference in the monument historical structure; adapting and modernizing objects; practical application of preservation theories, techniques and technologies.

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

Literature: Readings depend on the design task

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

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

Lecturer: Andrzej Kadłuczka, Prof., DSc, PhD Arch.
Tutors: Anna Białasik, PhD Arch., Marta Urbańska, PhD Arch., Zbigniew Wikłacz, 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 who study in Cracow only in Spring Semester may take Preservation of Monuments & Revalorization seminars (2 ECTS credits) accompanying the Design Studio (7 ECTS)
COURSE TITLE:
ARCHITECTURE AND PLANNING IN THE COUNTRYSIDE

Institute/Division: A3 Institute of Urban Design, Division of Rural Architecture and Planning

Course code: I-C-23
Erasmus subject code: 02.0
Number of contact hours: 90
Course duration: 1 semester (available in Fall and Spring)
ECTS credits: 5

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 therapeutic centre for the handicapped.

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

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

Lecturer: Marek Kowicki, Assoc. Prof., DSc, PhD, Arch.;
Tutor: English: Justyna Tarajko-Kowalska, PhD. Arch.,
German: Andrzej Zastawnik Msc Arch.

Contact person: Justyna Tarajko-Kowalska, PhD. Arch., phone 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:
REGIONAL PLANNING

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

Course code: II-C-12
Erasmus subject code:
Number of contact hours: 30
Course duration:
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, Technopole of the Word
- 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 Węclawowicz-Bilska, PhD DSc Arch.

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

Deadline for application: beginning of the Fall or Spring semester (according to the schedule)
COURSE TITLE: 
MULTI – FAMILY HOUSING DESIGN
Institute/Division: A2 Institute of Architectural Design, Chair of Housing

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 design exercise under the motto The ideal city – Architecture of the minimum – Contexts close and far. The task is to design a residential multifamily complex located at the given site in Cracow, as the complex of contemporary urban blocks. 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. The scope of the design presentation encompasses: 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 description of an 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: 4th year students in Architecture

Lecturer: Dariusz Kozłowski, Prof. DSc, PhD Arch.

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

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

Institute/Division 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: Mateusz Gyurkovich, PhD, Arch., Wojciech Wicher, PhD Arch., Agnieszka Wójcik, PhD Arch.;

Contact person: Agnieszka Wójcik, 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 – ARCHITECTURAL AND URBAN DESIGN OF MULTIFAMILY RESIDENTIAL COMPLEXES

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

Course code: II-C-7
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 Palej, Assoc.Prof. D.Sc. Ph.D. Arch., phone #: +48 12 628 31 13, e-mail: annapalej@gmail.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: I-C-22
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: Mateusz Gyurkovich, PhD, Arch., Arch., Wojciech Wichor, PhD Arch., Agnieszka Wójcik, PhD Arch.;

Contact person: Agnieszka Wójcik, 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: Institute of Urban Design, Division of Urban Composition

Course code: I-C-22
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 - CENTRES AND CENTRAL AREAS
Institute/Division: A3 Institute of Urban Design, Chair of Urban Renewal and Development

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

Course description: Designing task addressed to the third year students is to prepare an urban concept design of the chosen area within the central area of Cracow. The design should provide a solution for an urban regeneration of the chosen area, including structural and functional aspects. It should also try to fill in empty areas (lots) within existing structures, providing new value in harmony with public spaces both in central and more peripheral areas of Cracow. To practice the knowledge acquired by the student during the previous period of study in the field of urban design and the regeneration of the existing city structure. To implement a new skill upon which a student can clearly and precisely articulate hers/his designing decisions with the strong accent placed upon local spatial conditions, urban composition, functional program and ecological values. To acquire the skill of proper graphic presentation (emphasizing the most important elements) of the design as well as the skill of the proper verbal presentation by taking part in class discussions

Literature: Basic literature on the subject to be given at the beginning of the course

Course type: Individual design work under supervision and tutorial

Assessment method:
- Participation in the design class
- Presence at the seminars
- Mid-semester presentation-review of the project
- Final public presentation of the project which includes: urban analyses and structure schemes in relation to the city centre (1:5000), urban project and model (1:2000), characteristic part of the proposed urban design (1:500), axonometric view, written description, architectural detail.

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: Stanisława Wehle-Strzelecka, Assoc. Prof. DSc, PhD, Arch.;
Tutors: Małgorzata Mizia, PhD, Arch., Krzysztof Kwiatkowski PhD, Arch.,
Contact person: Małgorzata Mizia, PhD, Arch.; phone #: +48 12 628 24 34; e-mail: mmizia@o2.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: I-C-22
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
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
Institute/Division: A3 Institute of Urban Design, Division of Public Spaces for Movement

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

Course description: Projects in this course involve issues related to revitalization of downtown areas with specific emphasis on public space design. During the course there are 3 interim presentations and reviews, seminars and panel discussion jury. The first stage of the work is an urban analysis, which covers studies: on the existing spatial structure – its historic and compositional values, the public space network, the existing transportation system, social issues and the existing land ownership structure.

The analysis is presented on digital maps (1:5000), site visits are documented by report illustrated by photos and sketch drawings and an essay. The next step is an urban design concept for the chosen site within the analyzed area. The design contents and its notation correspond with practices used by the local planning. Presentation of the urban concept consists of plans in 1:2000 and 3D illustrations of urban form. The final stage is aimed at the conceptual design of a selected public space. Its contents and presentation correspond to a typical site plan. Required are: ground level plan in 1:500 - ground floors of framing structures and open public space arrangement - sections in 1:200; selected facade based on students’ research on urban detail aesthetics and a short text explaining the design idea and its evolution. At the end of the semester, the public presentation of the projects gives students the opportunity to explain and discuss their concepts.

Literature: To be given at the beginning of the course

Course type: Design studio

Assessment method: Timely submission of the design project, public presentation

Prerequisites: Architectural and Urban Design Studio

Primary target group: 3rd year students in Architecture

Project Guidance: Krzysztof Bieda, Prof. DSc PhD Arch.
Tutor: Kinga Racoń-Leja, PhD Arch.

Contact person: Kinga Racoń-Leja, PhD Arch.; phone #: +48 12 628-24-29;
e-mail: krleja@pk.edu.pl

Deadline for application: beginning of the Spring semester (according to the schedule)
COURSE TITLE: URBAN DESIGN - 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: 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 Spring semester (according to the schedule)
COURSE TITLE: URBAN DESIGN OF SERVICE AREAS
Institute/Division: A5 Institute of City and Regional Design; Chair of Spatial Planning and Environment 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: 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 - URBAN RENEWAL
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: This one-semester course is focused on the mastering of the design skills covering: - the problems of shaping, renewal and development of the contemporary city; methods of preparing land-use plan for the city as a legal basis for the development of municipal terrains; - methods of forming public spaces from plans to small scale urban and architectural details; methods of preparing zone plans for the renovation of the city central areas; methods of carrying out complex urban inventories. Process sketches and diagrams, plans, sections (scales: 1:10000, 1:5000, 1:2000, 1:500)

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 & individual approach, graphic and oral presentation)

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

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

Lecturer: Jacek Gyurkovich, Prof., DSc, PhD Arch.;
Tutors: Mateusz Gyurkovich, PhD, Arch., Wojciech Wicher, PhD Arch., Agnieszka Wójcik, PhD Arch.

Contact person: Agnieszka Wójcik, 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 OF CITY CENTRES - URBAN RENEWAL
Institute/Division: 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:
This one-semester course is focused on the design skills mastering: the problems of shaping, renewal and development of the contemporary city; methods of preparing land-use plan for the city as a legal basis for the development of municipal terrains; - methods of forming public spaces from plans to small scale urban and architectural details; methods of preparing zone plans for the renovation of the city central areas; methods of carrying out complex urban inventories. Process sketches and diagrams, plans, sections (scales: 1:10000, 1: 5 000, 1: 2 000, 1: 500)
Particular attention is paid to the design by creating a well-composed urban form, complementary to an existing city or its part and to the skillful space organization to achieving a good space orientation.

Literature: Basic literature on the subject of 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, Residential Neighborhoods, Residential Buildings)

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 Spring semester (according to the schedule)
COURSE TITLE: URBAN DESIGN OF CITY CENTRES
Institute/Division: A3 Institute of Urban Design, Chair of Urban Renewal and Development

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 design task encompasses the elaboration of the urban design concept of development and transformation of the chosen part of Cracow. The site is located in the central, attractive area, with the dominating service function. The design solutions are supposed to enhance the spatial order and harmony, and shall be based upon the programmatic and spatial solutions, conversion and filling the gaps in the existing urban fabric, as well as on redevelopment of the public space, incl. service functions, green areas, recreation and transport. The design method is based upon studies of composition, functional and spatial relations with the context: analysis of the existing fabric, transportation and circulation systems as well as the context of nature and culture. Pro-ecological solutions are preferred (energy-saving and sustainable design).

Literature: Basic literature on the subject to be given at the beginning of the course

Course type: Individual design work under supervision and tutorial

Assessment method: The condition of crediting the course is participation in the classes (design reviews, drawing controls), achieving a positive mark of the course work: presenting a design prepared in accordance with the required form, range and deadline, participation in the jury of the work.

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

Primary target group: 3rd year students in Architecture

Lecturer: Stanisława Wehle-Strzelecka, Assoc. Prof. DSc, PhD Arch.
Contact person: Stanisława Wehle-Strzelecka, Assoc. Prof. DSc, PhD, Arch.;
phone #: +48 12 628 24 34; email: wehle@tlen.pl

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

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

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: This one-semester course includes issues of revitalization of downtown areas and is focused on the mastering of students’ knowledge and design skills in:
- urban analysis by introduction of adequate tools useful in recognition of existing city structure (values and problems) and helpful in formulating design guidelines, that derive from context;
- preparing master plan for the renewal of city central areas presenting an idea of spatial and structural development searching for its sustainability;
- creating valuable public spaces through emphasizing proper relationship between public spaces and pieces of architecture as well as balancing both form and meaning to create compositional and interactive quality of space.

Process sketches, diagrams, plans, sections, models, 3D visualizations;
scales: 1: 5000, 1: 2000, 1: 1000, 1: 500

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: 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 Spring semester (according to the schedule)
COURSE TITLE:
URBAN DESIGN OF CITY CENTRES
Institute/Division: A3 Institute of Urban Design, Division of Public Spaces for Movement

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: Projects in this course involve issues related to revitalization of downtown areas with specific emphasis on public space design. During the course there are 3 interim presentations and reviews, seminars and panel discussion jury.
The first stage of the work is an urban analysis, which covers studies:
  - on the existing spatial structure – its historic and compositional values,
  - on the existing public space network with streets and squares on the existing transportation system
  - on social issues and
  - on the existing land ownership structure.
The analysis is presented on digital maps (1:5000), site visits are documented by report illustrated by photos and sketch drawings and an essay. The next step is an urban design concept for the chosen site within the analyzed area. The design contents and its notation correspond with practices used by the local planning. Presentation of the urban concept consists of plans in 1:2000 and 3D illustrations of urban form. The final stage is aimed at conceptual design of selected public space. Its contents and presentation correspond to a typical site plan.

Literature: To be given at the beginning of the course

Course type: Design studio

Assessment method: Submission of the project, public presentation

Prerequisites: Architectural and Urban Design Studio

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

Project Guidance: Krzysztof Bieda, Prof., DSc, PhD Arch.
Tutor: Kinga Racoń – Leja PhD Arch.

Contact person: Kinga Racoń – Leja PhD Arch.,
phone #: +48 12 628-24-29; email: krleja@pk.edu.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: II-C-7
Erasmus subject code: 02.1 / 02.3 / 02.4
Number of contact hours: 105
Course duration: 1 semester (Spring)
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 Spring semester (according to the schedule)
COURSE TITLE: URBAN DESIGN OF CITY CENTRES
Institute/Division: A5 Institute of City and Regional Design; Chair of Spatial Planning and Environment Protection

Course code: II-C-7
Erasmus subject code: 02.1 / 02.3 / 02.4
Number of contact hours: 105
Course duration: 1 semester (Spring)
ECTS credits: 8

Course description: Students work on design concerning functional and compositional rebuilding of the chosen part of the city to upgrade city's functional and compositional values as well as quality of living standard in the city. On the provided land-surveying plan, (1:2000 or 1:1000) with convenience of the student's own evaluation of the quality of cityscape and functional connections, students continue to work on:
- synthesis of conditions of the chosen area against the background of the city;
- design of chosen area, including functional and architectural concept, drawings, working model;
- layout (1:500) of the chosen part of the city showing urban detail solutions, and urban design and architectural concept – (plans, sections, sketches, perspectives);
- description of design stages completed during the semester.

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 Neighbourhoods, Residential Buildings)

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

Lecturer: Prof. Elżbieta Węclawowicz-Bilska, DSc, PhD Arch. Rafał Blazy 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: SPECIAL TOPICS DESIGN – DESIGN STUDIES: THE SEARCH FOR AN ARCHITECTURAL PRETEXT

Institute/Division: A2 Institute of Architectural Design, Chair of Housing

Course code: C4-7  
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 axonometrical 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.

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

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: A2 Institute of Architectural Design, Division of Architectural Composition

Course code: C4-7
Erasmus subject code: 02-1
Number of contact hours: 60
Course duration: 1 semester (Fall)
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: Mariusz Twardowski, PhD, Arch., phone #: +48 12 628 2021 29
email: mt@twardowskiwokan.pl

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

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

Course code: C4-7
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 Gyurkovich, Prof., DSc, PhD Arch.;
Tutors: Mateusz Gyurkovich, PhD, Arch., Wojciech Wicher, PhD Arch., Agnieszka Wójcik, PhD Arch.;

Contact person:
Agnieszka Wójcik, 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
Institute/Division: Institute of Urban Design, Division of Urban Composition

Course code: C4-7
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
Institute/Division: A3 Institute of Urban Design, Division of Public Spaces for Movement

Course code: C4-7  
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: Krzysztof Bieda, Prof., DSc, PhD, Arch.; Anna Franta, Assoc. Prof., DSc, PhD Arch. Anna Palej, Assoc. Prof., DSc, PhD Arch.

Contact person: Anna Franta, 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 AND ENVIRONMENTAL PROTECTION
Institute/Division: A5 Institute of City and Regional Design;
Division of Physical Planning and Environmental Protection

Course code: C4-7
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: C4-7
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 Węclawowicz-Bilska, DSc, PhD Arch. Wojciech Wójcikowski, PhD, Arch.

Contact person: Prof. Elżbieta Węclawowicz-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)
PROJECTS/ DESIGNING

LANDSCAPE ARCHITECTURE DESIGN – INTEGRATED DESIGN STUDIOS
COURSE TITLE:
PRIVATE GARDEN (INTEGRATED DESIGN STUDIO 2)
Institute/Division: A8 Institute of Landscape Architecture, Section of Landscape Composition and Planning

Course code: WA AK o1S C1a 12/13, WA AK o1S C1b 12/13
Erasmus subject code:
Number of contact hours: 105
Course duration: 1 semester (Spring)
ECTS credits: 7

Course description:
The design of layout and arrangement of private garden at a detached house plot, multifamily house backyard or kindergarten
During the semester course students prepare several sequential parts of design:
- pavements and surfaces for pedestrians and cars (scale 1:100, 1:200), details (1:20, 1:10, 1:5)
- the fence with wicket and gate (scale 1:100, 1:200), details (1:20, 1:10)
- the refuse heap (scale 1: 50), details (1:20, 1:10, 1:5)
- site plan of the fragment of the garden with an architectural object (i.e. terrace, garden pond, recreational area, play equipment, etc) and special consideration of landform and vegetation in spring and autumn color version (scale 1:50, 1:20)
- final project of the whole garden integrating all designed elements (scale 1:100, 1:200)
The project is integrated with other courses e.g. building construction, CAD, plant material and freehand drawing.

Literature:
Basic literature on landscape design and on the chosen subject:
- Ernst Neufert, Podręcznik projektowania architektoniczno-budowlanego, Arkady, Warszawa 2003 (also in English version),
- Magazines in English: Landscape Architecture, Topos

Course type: Individual design work under supervision and tutorial
Assessment method: Project completion
Prerequisites: Consultation in the field of natural vegetation and plant cover

Primary target group: Landscape Architecture course – 2nd semester of graduate studies

Lecturer: Agata Zachariasz Ph D. Arch. University Professor; Izabela Sykta Ph D. Arch. Assistant Professor
Contact persons: Agata Zachariasz, phone 012 628-24-92, e-mail – azachar@pk.edu.pl
Izabela Sykta, phone 012 628-24-92, e-mail – isykta@pk.edu.pl
Joanna Szwed, phone 012 628-24-36, e-mail – jszwed@autograf.pl
Martyna Klimkiewicz, phone 012 628-24-92, e-mail – martyna.klimkiewicz@gmail.com

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

Remarks: The design tasks (plots) are different in each semester
COURSE TITLE:
URBAN PUBLIC SPACE – STREET& SQUARE (INTEGRATED DESIGN STUDIO 3)

Institute/Division: A8 Institute of Landscape Architecture, Study for Cultural Architeundations 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 enclocures:

- 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 polecone przez Związek Szkółkarzy Polskich, Agencja Promocji Zieleni, 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

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

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)
COURSE TITLE: REVALORIZATION OF HISTORIC GARDENS (INTEGRATED DESIGN STUDIO 4)

Institute/Division: A8 Institute of Landscape Architecture,

Course code: WA AK o2S C5a 12/13, WA AK o2S 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 an 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:

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.

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
Architeundations of Landscape Architecture

Erasmus subject code:
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 Pawłowska, Prof. Arch.
Tutors: Anna Staniewska, PhD Arch., Jacek Konopacki, MSc. Landscape Architect
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: Krzysztof Wielgus PhD. Arch.

Contact person Krzysztof Wielgus PhD. Arch.
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@interia.pl

Deadline for application: beginning of the Fall or Spring semester (according to the schedule)
COURSE TITLE:
PHYSICAL PLANNING - LANDSCAPE ASPECTS IN SPATIAL PLANNING
(INTEGRATED DESIGN STUDY 8)
Institute/Division: Institute of Landscape Architecture, Section of Landscape Composition and Planning

Course code: WA AK o2S C5a 12/13, WA AK o2S C5b 12/13
Erasmus subject code:
Number of contact hours: 105
Course duration: 1 semester (Fall)
ECTS credits: 7

Course description:
The course subject is a project of a master plan of a given area within Cracow territory or the closest neighborhood, with a special consideration of landscape aspects and open space systems.
- Topic 1 – inventory of existing state of area, visual and landscape composition analysis including panoramic views and assessment (scale 1:2000)
- Topic 2 – detailed studies and analysis conducted in branch domains, concerning relief, vegetation cover, hydrology, visual and composition aspects, history of place and previous plans, technical infrastructure, present and future land use and land property structure. The studies are based on: Atlas of Cracow (1988), Cracow Master Plan (1994), Cracow Current Condition and Physical Development Study (2003) and others, e.g. information obtained in district councils (scale 1:5:000, 1:10000)
- Topic 3 – project of the area master plan including characteristic sections of streets and public spaces with the arrangement of their surroundings, parameters of street infrastructure and buildings – text and the plan drawing (scale 1:2000)

Literature: Basic literature in landscape planning:
- Simon Bell, Elements of visual design in the landscape, E & FN Spon, London 1993
- Kevin Lynch, Image of the City, all editions
- John L. Motloch, Introduction to landscape design, New York 2001
- Magazines - Topos, Landscape Research, Landscape and Urban Planning

Course type: Design work in two-persons' teams under supervision and tutorial
Assessment method: project completion; pass of the tests of the legal aspects of spatial planning and urban analysis
Prerequisites: Attendance in the lectures of Spatial Planning
Primary target group: Landscape Architecture course – 2nd semester of 2nd level studies

Contact person: Aleksander Böhm, phone 012 628-24-36, e-mail – abohm@wp.pl
Agata Zachariasz, phone 012 628-24-92, e-mail – azachar@pk.edu.pl
Izabela Sykta, phone 012 628-24-92, e-mail – isykta@pk.edu.pl
Joanna Szwed, phone 012 628-24-36, e-mail – jszwed@autograf.pl
Martyna Klimkiewicz, phone 012 628-24-92, e-mail – martyna.klimkiewicz@gmail.com

Deadline for application: beginning of the Fall semester (according to the schedule)
Remarks: The design tasks (areas) are different in each semester.

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COURSE TITLE: PHYSICAL PLANNING – PLANS OF PROTECTION (INTEGRATED DESIGN STUDIO 9)
Institute/Division: Institute of Landscape Architecture

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

Course description:
The topic of design is protection plan for national park, landscape park, nature reserve or cultural park. The semester cycle is divided into fifth sequential tasks as follows:

- Operate of landscape values
- Nature reserve, part of national park or landscape park, park of culture, nature – landscape complex, object listed in UNESCO World Heritage
- Landscape of chosen area and analysis of basic materials
- A study of visual values
- Card index of the landscape standards
  - A – plate and text of protection plan
  - B – the guidelines for spatial management and administration of site

Literature:

- Zbigniew Myczkowski, Krajobraz wyrazem tożsamości w wybranych obszarach chronionych w Polsce, Kraków 1998, second edition Kraków PK, 2002
- Krystyna Pawłowska, Idea swojściłości miasta, Kraków PK, 2001
- Krystyna Dąbrowska-Budziło, Treść krajobrazu kulturowego w jego kształtowaniu i ochronie, Kraków PK 2002
- Magazines: In English - Landscape Reserch, in Polish - Aura, Wiadomości Konserwatorskie

Course type: design studio

Assessment method: project completion

Primary target group: Landscape Architecture course – 9th semester of graduate studies

Lecturer: Assoc. Prof. Zbigniew Myczkowski, Dsc. PhD. Arch.

Contact person
Urszula Forczek-Brataniec, phone 012-628-24-65, e-mail urszulafb@interia.pl

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