

Basic design - analysis (IAK3)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 3/week (45/semester) | ECTS: 3 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Scheme design, Prepare proposals for the design of a small architecture, visual presentation of prepared basic project, prepare proposals for the design of a architecture assigned to different functions |
| EFFECTS OF EDUCATION PROCESS: Gain an understanding of scale, function and visual interaction between geometrical shapes that create architecture, be able to select component materials and constructions elements used in architecture. |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch Michał Dmitruk (m.dmitruk@pollub.pl) or equivalent teacher |



Universal design (IAK4a)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 2/week (30/semester) | ECTS: 2 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Design public space, office building, working place and social service space, private apartment /house, design of building main entrance, social and work space |
| EFFECTS OF EDUCATION PROCESS: · Understand physical needs and possibilities of disable people, define a basic surrounding space required for employment of an elder and disable people |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: laboratory, studies in situ, design practice, individual or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final work |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch Wojciech Kocki (w.kocki@pollub.pl) or equivalent teacher |

Dwelling design (IAK5)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 4/week (60/semester) | ECTS: 4 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Prepare proposals for the design of an single family apartment building, terrain and elaborate approved proposals for its actual construction, prepare project of village/small town using common knowledge of composition, presentation of constructions and materials used in rural buildings, sketching and presenting environmental mapping |
| EFFECTS OF EDUCATION PROCESS: Gain knowledge about process of evolving types of rural spaces, gaining knowledge of functioning and how to design dwelling buildings |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): prof. Oksana Chabanyuk (oxichabanyuk@gmail.com) or equivalent teacher |

Collective housing design (IAK7)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 4/week (60/semester) | ECTS: 4 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Prepare proposals for the design of a collective housing, design nearby area, public services, public spaces, park, presentation of prepared project of collective housing |
| EFFECTS OF EDUCATION PROCESS: · Understand the rules of designing collective housing with its surrounding, public spaces, protection of privacy, etc. |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, studies in situ, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch Michał Dmitruk (m.dmitruk@pollub.pl) or equivalent teacher |

Architectural design of multi-functional buildings II (IAK9b-2)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 4/week (60/semester) | ECTS: 4 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Prepare proposals for the design, the layout and the function of a sports hall, a stadium, playing fields, or other sport objects, proposals for its actual function and construction, presentation and communication about project results to fellow students and lecturers by analyzing and rationalizing decisions made |
| EFFECTS OF EDUCATION PROCESS: Understand the rules of designing sport and leisure building with its surrounding, public spaces, etc., explain the main requirements concerning the layout of the plot of surrounding area (urban space) |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch. Piotr Gleń (p.glen@pollub.pl) or equivalent teacher |



Architectural design of public service facilities (IAK8b)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 4/week (60/semester) | ECTS: 5 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Prepare proposals for the design of industrial, transport or healthcare building, redesign of existing building, new function, new surrounding, clarify the structural system of both designed object and surrounding area (including various neighborhood), clarify building services status, clarify the environmental potential and limitations, presentation of final design |
| EFFECTS OF EDUCATION PROCESS: Understand the rules of designing industrial, transport or healthcare building with its surrounding, public spaces, etc., explain the main requirements concerning the layout of the plot of surrounding area (urban space) |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, studies in situ, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): dr inż. arch Bartłomiej Kwiatkowski (b.kwiatkowski@pollub.pl) or equivalent teacher |

Advanced architectural design II(IIAK1-2)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 4/week (60/semester) | ECTS: 5 |
| SEMESTER: SPRING | CLASS LEVEL: 2 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. Subject require basic knowledge of construction, installation and architectural law. |
| CONTENTS: Prepare proposals for the design, the layout and the function of an exact architectural object and elaborate approved proposals for its actual construction, prepare technical drawings using CAD, presentation and communication about project results to fellow students and lecturers by analyzing and rationalizing decisions made |
| EFFECTS OF EDUCATION PROCESS: Understand the specific rules for designing a building with its surrounding, public spaces, etc., explain all requirements concerning the layout of the plot of surrounding area (urban space) |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch Bartłomiej Kożuchowski (barkoz@2com.pl) or equivalent teacher |

Design in Urban Planning (IAK12)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 2/week (30/semester) | ECTS: 2 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Prepare an urban cataloging, explain the main requirements about zoning decision, prepare proposals for the design including land of development with green areas, presentation of prepared building complex project (residential estate) |
| EFFECTS OF EDUCATION PROCESS: Understand the rules of designing urban spaces and city planning, know the elements of composition, correlation between main object and its surrounding |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, studies in situ, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch. Hubert Trammer (h.trammer@pollub.pl) or equivalent teacher |

Contemporary architecture (IAK 15)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: LECTURE/PRACTICE |
| NUMBER OF HOURS: 2/week (30/semester) | ECTS: 2 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Each of the lectures is focused on the idea or the aim which is important for the contemporary architecture. Each of the lectures consists of the newest examples (from the last 10 years) and the older examples (from the XXth and in the few cases XIXth century. The lectures present the architecture from around the World but from the point of view of the teacher who is Polish. So there is overrepresentation of architecture from Poland and the countries which architecture has or had an impact on Polish architecture. |
| EFFECTS OF EDUCATION PROCESS: Knowledge on the complexity of contemporary architecture. Knowledge on the different currents and aims of contemporary architecture. |
| LITERATURE (OPTIONAL): <ul style="list-style-type: none"> - Kenneth Frampton „Modern Architecture. A critical history” - Hans Ibelings, „European Architecture Since 1890” - Christopher Alexander „ Patern language” - OMA, Rem Koolhaas, , Bruce Mau, „S, M, L, XL” , The Monacelli Press, New York, 1995 and more |
| TEACHING METHODS: Traditional lectures with use of the multimedia presentations |
| ASSESSMENT METHODS: exam – students are to prepare the panel which consists of drawings and its descriptions |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch. Hubert Trammer (h.trammer@pollub.pl) or equivalent teacher |

Drawing and painting II (IAK27 - 2)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: LABORATORY |
| NUMBER OF HOURS: 3/week (45/semester) | ECTS: 3 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: ·Presentation of various advanced drawing techniques: tempera/acrylic/water colors, still life drawing, mosaic, drawing nature, drawing outdoors (historic buildings), drawing architectural details, final presentation |
| EFFECTS OF EDUCATION PROCESS: know the rules of composition, perspective drawing, using various materials and colors – theory of color, know the rules of drawing a human |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: practical exercises, studies in situ, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final work |
| TEACHER (NAME, EMAIL CONTACT): dr inż. arch. Natalia Przesmycka (nprzesmycka@gmail.com) or equivalent teacher |



History of Polish Architecture, Town Planning and Culture (IAK18)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: LECTURE/LABORATORY |
| NUMBER OF HOURS: 3/week (45/semester) | ECTS: 3 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Introduction in program, romanesque, gothic, renaissance, baroque, neoclassical, and modern architecture in Poland, Medieval city planning in Europe and Poland – excursion to Cracow and Sandomierz (optional Lublin), renaissance city – excursion to Zamość, discussion, individual presentation, baroque planning and gardening, XIX century industrial revolution and its impact in city planning, modernism in city planning – polish examples, final paper presentation |
| EFFECTS OF EDUCATION PROCESS: know the historical styles of art and architecture in Poland and its stylistic features |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: lecture, studies in situ, excursions |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, final exam |
| TEACHER (NAME, EMAIL CONTACT): dr inż. arch. Natalia Przesmycka (nprzesmycka@gmail.com) or equivalent teacher |



Computer techniques (IAK30)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: LABORATORY |
| NUMBER OF HOURS: 2/week (30/semester) | ECTS: 2 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Introduction into Microsoft Office, individual work on subject using tools of Microsoft Office, introduction into AutoCAD, individual work on subject using AutoCAD, the final work– correction, presentation, discussion, exhibition |
| EFFECTS OF EDUCATION PROCESS: know the basic rules of computer aided design |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: exercises, design practice, individual, or group corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final work |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch. Wojciech Kocki (w.kocki@pollub.pl) or equivalent teacher |

Introduction into urban design (IAK10)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT/LECTURE |
| NUMBER OF HOURS: 3/week (45/semester) | ECTS: 3 |
| SEMESTER: SPRING | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Analyzes of the different aspects of functioning of the city on the examples from the different places in Lublin, introduction into different kinds of spaces (private, semiprivate, semipublic, public), basic project for the city space, visit at the town planning office, visit at the area of the introduced urban renewal master plan, film shows and discussions – subject development of the cities |
| EFFECTS OF EDUCATION PROCESS: Understand the basic rules of designing urban spaces and city planning, know the elements of composition, correlation between main object and its surrounding |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch. Olga Skoczylas (o.skoczylas@pollub.pl) or equivalent teacher |



Ergonomy (IAK1)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PRACTICE |
| NUMBER OF HOURS: 1/week (15/semester) | ECTS: 1 |
| SEMESTER: AUTUMN | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Define human body types, differences and their requirements, definition of the basic surrounding space, human needs and possibilities, rules of human proportions, design of basic fitments for kitchen, public building main entrance, social and work space, learning to work in close collaboration with other students |
| EFFECTS OF EDUCATION PROCESS: know the spacial requirements of different buildings for safe and comfortable work and leisure. |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final work |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch. Michał Dmitruk (m.dmitruk@pollub.pl) or equivalent teacher |



Basic design - compositions (IAK2)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 3/week (45/semester) | ECTS: 3 |
| SEMESTER: AUTUMN | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Introduction in program, basic sketching, preparing poster: composition with association, modeling a piece of paper, conversion of model into architectural building, presentation of prepared project using paper model |
| EFFECTS OF EDUCATION PROCESS: know the rules of composition, material use and perspective drawing |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch. Michał Dmitruk (m.dmitruk@pollub.pl) or equivalent teacher |



Individual housing design (IAK6)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 4/week (60/semester) | ECTS: 5 |
| SEMESTER: AUTUMN | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Prepare proposals for the design of a single family house, design nearby area of house, presentation of prepared project of single family house |
| EFFECTS OF EDUCATION PROCESS: know and understand rules of designing single family houses with its surrounding |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch. Karol Krupa (k.krupa@pollub.pl) or equivalent teacher |



Design of public buildings and their Urban surrounding (IAK8a)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 4/week (60/semester) | ECTS: 5 |
| SEMESTER: AUTUMN | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Prepare proposals for the design of multi – storey building, clarify the structural system of both – designed object and surrounding area (including various neighborhood), clarify building services status, clarify the environmental potential and limitations, presentation of leading design |
| EFFECTS OF EDUCATION PROCESS: Understand the rules of designing public building with its surrounding, public spaces, etc., explain the main requirements concerning the layout of the plot of surrounding area (urban space) |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): dr inż. arch. Bartłomiej Kwiatkowski (b.kwiatkowski@pollub.pl) or equivalent teacher |



Architectural design of multi-functional buildings I (IAK9b-1)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 4/week (60/semester) | ECTS: 5 |
| SEMESTER: AUTUMN | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Prepare proposals for the design, the layout and the function of a sports hall, a stadium, playing fields, or other sport objects, proposals for its actual function and construction, presentation and communication about project results to fellow students and lecturers by analyzing and rationalizing decisions made |
| EFFECTS OF EDUCATION PROCESS: Understand the rules of designing sport and leisure building with its surrounding, public spaces, etc., explain the main requirements concerning the layout of the plot of surrounding area (urban space) |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch. Piotr Gleń (p.glen@pollub.pl) or equivalent teacher |

Advanced Architectural design I (IIAK1 -1)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 4/week (60/semester) | ECTS: 5 |
| SEMESTER: AUTUMN | CLASS LEVEL: 2 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. Subject require basic knowledge of construction, installation and architectural law. |
| CONTENTS: Prepare proposals for the design, the layout and the function of an exact architectural object and elaborate approved proposals for its actual construction, prepare technical drawings using CAD, presentation and communication about project results to fellow students and lecturers by analyzing and rationalizing decisions made |
| EFFECTS OF EDUCATION PROCESS: Understand the specific rules for designing a building with its surrounding, public spaces, etc., explain all requirements concerning the layout of the plot of surrounding area (urban space) |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch. Bartłomiej Kożuchowski (barkoz@2com.pl) or equivalent teacher |

Rural planning/ Regional planning (IAK11)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: LABORATORY |
| NUMBER OF HOURS: 2/week (30/semester) | ECTS: 2 |
| SEMESTER: AUTUMN | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Introduction into program, history and development of regional architecture, design elements of equipment for public spaces, buildings and infrastructure, define urban and landscape interior for specific type of buildings, prepare proposals for the design, the layout and the function of a modern public space based on regional type of architecture, final project – designing a multifunctional public service buildings including variety of different public spaces located near Lublin city, final presentation |
| EFFECTS OF EDUCATION PROCESS: know the rules of designing regional areas |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, studies in situ, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final work |
| TEACHER (NAME, EMAIL CONTACT): dr inż. arch. Bartłomiej Kwiatkowski (b.kwiatkowski@pollub.pl) or equivalent teacher |

Design of landscape architecture (IIAK2)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT |
| NUMBER OF HOURS: 2/week (30/semester) | ECTS: 2 |
| SEMESTER: AUTUMN | CLASS LEVEL: 2 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: History and development of landscape architecture and urban gardening, elements of equipment for public space, define urban and landscape interior, prepare proposals for the design, the layout and the function of a modern public space, final project – designing a multifunctional park including variety of different public spaces dedicated for Lublin city center, final presentation |
| EFFECTS OF EDUCATION PROCESS: Know the rules of designing green spaces |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: project, design practice, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final design |
| TEACHER (NAME, EMAIL CONTACT): dr inż. arch. Kamila Boguszewska (k.boguszewska@pollub.pl) or equivalent teacher |

Drawing and painting I (IAK27)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: LABORATORY |
| NUMBER OF HOURS: 3/week (45/semester) | ECTS: 4 |
| SEMESTER: AUTUMN | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: ·Presentation of various advanced drawing techniques: tempera/acrylic/water colors, still life drawing, mosaic, drawing nature, drawing outdoors (historic buildings), drawing architectural details, final presentation |
| EFFECTS OF EDUCATION PROCESS: know the rules of composition, perspective drawing, using various materials and colors – theory of color, know the rules of drawing a human |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: practical exercises, studies in situ, individual, or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final work |
| TEACHER (NAME, EMAIL CONTACT): dr. inż. arch. Natalia Przesmycka (nprzesmycka@gmail.com) or equivalent teacher |

Sculpture/ modeling (IAK28)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: LABORATORY |
| NUMBER OF HOURS: 2/week (30/semester) | ECTS: 2 |
| SEMESTER: AUTUMN | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Basic modeling techniques (plaster cast, cartoon, clay), Final presentation |
| EFFECTS OF EDUCATION PROCESS: know the rules of composition and using various materials in sculpture and modeling |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: practical exercises, individual or group design corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final work |
| TEACHER (NAME, EMAIL CONTACT): mgr. Agnieszka Chęć - Małyszek or equivalent teacher |

Presentation techniques (IAK29 a/b)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: LABORATORY |
| NUMBER OF HOURS: 2/week (30/semester) | ECTS: 2 |
| SEMESTER: AUTUMN | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Study modules run in English separately for Erasmus students (these modules will be run only if they will be chosen by 10 or more Socrates students), Student must be able to fluently communicate in English or Polish language. |
| CONTENTS: Introduction of program and various presentation techniques, individual work on subject using Adobe Photoshop, introduction of SketchUp., individual work on subject using SketchUp, final work presentation – correction, final work presentation discussion exhibition |
| EFFECTS OF EDUCATION PROCESS: Know the rules composition, design presentation and methods of communication between client and architect. |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: exercises, design practice, individual, or group corrections |
| ASSESSMENT METHODS: Presence on classes, partial assessments for work on classes, overall assessment for the final work |
| TEACHER (NAME, EMAIL CONTACT): mgr inż. arch Wojciech Kocki (w.kocki@pollub.pl) or equivalent teacher |

Architectural Material Science (IAK19)

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| FACULTY: Civil Engineering and Architecture | CLASS TYPE: LECTURE / LABORATORY |
| NUMBER OF HOURS: 3/week (45/semester) | ECTS: 3 |
| SEMESTER: AUTUMN | CLASS LEVEL: 1 |

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| LANGUAGE OF INSTRUCTION: English |
| PRELIMINARY REQUIREMENTS: Basic knowledge of math, physic and chemistry (secondary school level) |
| CONTENTS: Classification of architectural materials and correlation between architecture & material science. Properties of materials and estimation of their quality. Wood materials and products. Natural stone materials . Ceramic (clay) products . Materials made of glass and other mineral melts. Metal materials and products. Materials and products made of mineral binders. Polymeric materials and products. Paintwork materials. Roll finishing materials. Efficiency materials and products of the equal purpose |
| EFFECTS OF EDUCATION PROCESS: Knowledge of main natural and artificial architectural materials and elements . Knowledge of principal properties of architectural materials (functional, aesthetical, economic) and their composition. Application of materials different by origin. Achievement of basic practical skills for selection of the materials at construction, renovation and service of building. |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: lectures, laboratory works, individual works (sketchbook of architectural materials, elements and assemblies, and written essays) |
| ASSESSMENT METHODS: midterm and final tests |
| TEACHER (NAME, EMAIL CONTACT): dr inż. N. Łusznikowa (nataliya.lushnikova@gmail.com) or equivalent teacher. |

Sustainable revitalization of degraded areas (IIAK7)

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| FACULTY: CIVIL ENGINEERING AND ARCHITECTURE | CLASS TYPE: PROJECT / LECTURE |
| NUMBER OF HOURS: 3/week (45/semester) | ECTS: 3 |
| SEMESTER: AUTUMN | CLASS LEVEL: 2 |

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| LANGUAGE OF INSTRUCTION: ENGLISH |
| PRELIMINARY REQUIREMENTS: Knowledge of the history of architecture; Knowledge of terminology in the field of architectural forms and detail; Ability to analyze the architectural objects and spatial assumptions. Student must be able to fluently communicate in English. |
| CONTENTS: Forms of cultural landscape protection; Methodology of the cultural landscape study adjusted to the specific requirements of the architect and urban planner work; Protection of the cultural landscape and preservation of identity considering the transformations in the process of natural development of towns and villages; Examples of degraded areas revitalization in Poland and worldwide; Development of guidelines for revitalization design; Elaboration of the design of the revitalization of degraded area; Development of conservation design of selected architectural object - concept |
| EFFECTS OF EDUCATION PROCESS: <ul style="list-style-type: none"> • Gaining knowledge on the potential value of the cultural environment (concepts, methods) • Ability to analyze the cultural context in terms of tasks of revitalization of degraded areas and to undertake design activities • Gaining knowledge of the form of legal protection of the cultural landscape in the process of sustainable development (revitalization) • Knowledge of exemplary design solutions at European level in the field of urban revitalization of degraded areas |
| LITERATURE (OPTIONAL): |
| TEACHING METHODS: Multimedia presentations, including theoretical content, Presentations and evaluation of designs and their descriptions on the subsequent stages of development |
| ASSESSMENT METHODS: Written examination, Assessment of the final design |
| TEACHER (NAME, EMAIL CONTACT): prof. dr hab.inż. Bogusław Szmygin (b.szmygin@pollub.pl) or equivalent teacher |



Additional information

- Total maximum number of ECTS points in applicant`s Learning Agreement: 30/semester; 60/academic year.
- Number of maximum ECTS points from outside Civil Engineering and Architecture Faculty: 20% of total ECTS points in applicant`s Learning Agreement.
- Number of maximum ECTS point changes at the beginning of semester: 20% of total ECTS points in applicant`s Learning Agreement.
- Maximum time for discussing and applying changes to Learning Agreement: 3 weeks at the beginning of each semester.
- Maximum absence, sufficient to pass classes: 2 absences/semester