

ACADEMIC SYLLABUS FOR THE FIELD OF STUDY OF INTERIOR ARCHITECTURE 4-YEAR FIRST-CYCLE STUDY PROGRAM										
SUBJECT GROUP	SUBJECT NAME	SUBJECT DESCRIPTION	E	TYPE OF CLASSES					NUMBER OF HOURS	ECTS
				LECTURES	EX	SEM.	LAB.	DESIGN	TOTAL	
SEMESTER 1				196	135	0	39	60	430	30
C	English	A. Grammar: Tenses – present simple, present continuous, present perfect, present perfect continuous, past simple, past continuous; future expressions – will, be going to, be used to; modal verbs, first and second conditional; passive voice, direct and indirect questions, comparative and superlative of adjectives and adverbs, comparisons, countable and uncountable nouns. B. Vocabulary: Names of kinds of building structures, room names, shapes, creating structure description, creating landscape description, names of basic mathematical terminology, names of materials and their properties, education - names of objects and vocabulary connected with the education process, vocabulary connected with making drawings, sketches, and vocabulary connected with initial terrain analysis.	C®		30				30	1
B3	Mathematics	The goal of the subject is becoming familiar with basics of differential calculus and algebra, necessary to develop the ability to describe processes and phenomena in the language of mathematical analysis and algebra, as well as use the instruments from the fields of mathematics to solve various technological problems.	E®	15	15				30	2
B3	Descriptive Geometry in Architectural Drawing	Students develop the ability to show spatial figures on a drawing. Developing spatial imagination. Teaching basics of geometry and the ability to solve spatial problems in graphic models used in contemporary technology. Learning to use models in practice.	C®	15	15				30	2
B1	History of General Architecture	Familiarizing the students with basics of learning about historical sites. Presenting history of early universal architecture in the context of historical and geographical conditions. Elements of art history. Presenting stylistic, material, and constructional changes in architecture. Initial interest in Antiquity. Great ancient cultures – Egypt, Mesopotamia, Greece, Rome. Early-Christian architecture. Medieval construction. Romanism, Gothic. Islam Architecture. Renaissance and Mannerism. The art of Baroque and Rococco. European Classicism. XIX and XX century architecture. Architecture in Asia, Africa and the Americas.	E	45					45	2
B2	Building Materials	The goal of the subject is familiarizing the students with aspects of properties of materials and building products, ways of shaping them, as well as the dependencies between them and their usability in dividers, floors, finishing works, and interior arrangements as well as other elements of buildings.	E®	21			9		30	2
B3	Freehand Drawing	Becoming familiar with the individual experiences and drawing skills of students. Mastering basic knowledge in the drawing workshop (types of tools, paper - kinds and format, working at an easel. Becoming familiar with principles of linear perspective, spatial construction of geometrical figures (based on objects of everyday use. Becoming familiar with principles of artistic composition. Learning conscious self-evaluation regarding the completed drawings based on analyzing sketches made at home and works created during the course of the semester in exercise classes.	C®				30		30	2

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				LECTURES	EX	SEM.	LAB.	DESIGN	TOTAL	
B1	Theory and Basics of Designing Architecture	Becoming familiar with what the society expects from an architect in the broad sense, showing the range of his activities, his duties and responsibilities, becoming familiar with all aspects of architecture - social, cultural, technological, including an overview/explanation of mutual dependencies of these qualities; Acquiring experience in the evaluation of surroundings as far as urban and architectural aspects, the ability to see relations between theory and practice; Learning the valorization of the observed examples in the field of urban planning and architecture, leading to the development of abilities of evaluation of the quality and usefulness of specific solutions; Increasing student insight in recognizing human needs and acquiring the abilities to transpose them into architectural and urban solutions.	C	30					30	2
A1	Introduction to Architectural Design	The goal of the subject is familiarizing the students with basic principles of creating architectural compositions and principles of building forms and their practical uses. Moreover, the students receive information regarding the activities and tasks of an architect, principles of design, and constructing architectural space.	C®	10				60	70	5
B3	Computer-Assisted Design (Autocad)	Becoming familiar with software for computer-assisted design (CAD). Acquiring knowledge and skills in mathematics, descriptive geometry, and creating simple two-dimensional design drawings, such as, plans, cross-sections, and elevations. Becoming familiar with basic principles of creating technical documentation in CAD programs.	C		30				30	1
U	Basics of the Architectural Profession, Professional Ethics, and Copyright Law	Learning information about architecture, urban planning, and related disciplines. Showing various professional specializations and possibilities of future work. Making the students aware of the significance and responsibility of the profession of an architect and urban planner. Overview of the role of trade unions and professional associations, as well as the most important legal acts regulating the profession. Providing basic knowledge regarding copyright law and principles of professional ethics.	C	15					15	2
C/H	History of Culture and Art.	General conditions of the development of art of ancient Crete and Mycenae. Selected examples. The art of ancient Greece. Characterization based on selected examples. Architecture, sculpture. Etruscan art and its influence on the development of Roman art. The art of ancient Rome. General development conditions based on selected examples. Beginnings of art trade. Architecture, historical relief, portrait sculpture, Pompeian painting, portraits from El Fayum. Early-Christian art. European Middle Ages with regards to two fields of culture. Renaissance art. Foundation of its development. Artistic patronage of the de Medici family and its influence on the development of art. Aspects of light and	C	30					30	3
W/U	Computer Graphics/Multimedia Presentations (to be selected by the student)	Becoming familiar with basic practical knowledge in vector and raster graphics with the use of Corel Draw and Adobe Photoshop to create and process an image as two-dimensional composition. Using the aforementioned knowledge and the acquired skills in creating utilitarian messages created in order to present private works with the aid of digital production online or in printed version. Stimulating and developing workshop skills and providing abilities for the student to consciously and personally solve design problems taking into account the important aspect of transforming verbal information into images, while also paying special attention to the principle of the dependence of the precision of the formulated	C		30				30	3
U	Information Technologies in Architecture and Urban Planning	Preparing the students for practical use of selected tools to obtain, analyze, process and manage information transfer	C	15	15				30	3
	OHS and Fire Safety Training		C	4						0
	Library Training		C	2						0

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				LECTURES	EX	SEM.	LAB.	DESIGN	TOTAL	
	Physical Education	Developing and improving the harmonious physical development of students. Stimulating the proper psychophysical development. Providing knowledge enabling the conscious and active participation in all kinds of physical activities and developing aspects of team sports. Popularization of team and individual sports. Controlling individual student fitness in an annual cycle/ physical fitness tests, somatic parameters. Developing motor skills useful in utilitarian, recreational, and athletic activities. Developing attitudes of conscious and permanent student participation in various environmental conditions and individually. The influence of physical activity on the student organism. Physical activity during various stages of life. Appropriate posture and preventing posture	C		30				30	0
SEMESTER 2				115	170	0	30	80	395	30
C	English	A. Grammar: Tenses – present simple, present continuous, present perfect, present perfect continuous, past simple, past continuous; future expressions – will, be going to, be used to; modal verbs, first and second conditional; passive voice, direct and indirect questions, comparative and superlative of adjectives and adverbs, comparisons, countable and uncountable nouns. B. Vocabulary: Names of kinds of building structures, room names, shapes, creating structure description, creating landscape description, names of basic mathematical terminology, names of materials and their properties, education - names of objects and vocabulary connected with the education process, vocabulary connected with making drawings, sketches, and vocabulary	C®		30				30	1
B2	Civil Engineering	Familiarizing the students with aspects of building systems and elements. Students become familiar with the general principles of designing buildings, especially single-family buildings as far as developing basic architectural drawings of the building. The goal of the subject is to prepare future architects as far as mastering the basic skills to select the appropriate materials to use in different building elements, as well as becoming familiar with the basic terminology connected with the architectural and construction design of buildings and the proper understanding of drawings, and also preparing basic design documentation. Students acquire social competencies based on mastering methods of using available information sources and expert literature, as well as competencies in using specialist terminology within the framework of the studied field, especially that which involves designing technical solutions in	C®	15				20	35	2
B3	Freehand Drawing	Becoming familiar with the individual experiences and drawing skills of students. Mastering basic knowledge in the drawing workshop (types of tools, paper - kinds and format, working at an easel. Becoming familiar with principles of linear perspective, spatial construction of geometrical figures (based on objects of everyday use. Becoming familiar with principles of artistic composition. Learning conscious self-evaluation regarding the completed drawings based on analyzing sketches made at home and works	C®				30		30	2
B3	Computer-Assisted Design (Archicad)	Becoming familiar with software for computer-assisted design (CAD). Acquiring knowledge and skills in mathematics, descriptive geometry, and creating simple two-dimensional design drawings, such as, plans, cross-sections, and elevations. Becoming familiar with basic principles of creating technical documentation in CAD programs	C®		30				30	1
B1	History of General Architecture	Familiarizing the students with basics of learning about historical sites. Presenting history of early universal architecture in the context of historical and geographical conditions. Elements of art history. Presenting stylistic, material, and constructional changes in architecture. Initial interest in Antiquity. Great ancient cultures – Egypt, Mesopotamia, Greece, Rome. Early-Christian architecture. Medieval construction. Romanism, Gothic. Islam Architecture. Strona 3 Renaissance and Mannerism. The art of Baroque and Rococco. European Classicism. XIX and XX century architecture. Architecture	E	30					30	2

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A1	Architectural Design	The goal of the subject is introducing the students to topics connected with architectural composition. Furthermore, the goal of the learning process is sensing the essence of composition as a well-thought-out system of elements subject to the idea of a whole, getting to know the components of the composition, and the logic of their relations, meaning the principles of the construction of architectural form.	C®	10				60	70	4
B1	History of Urban Planning	Egypt and Mesopotamia. Greece (Minoan culture, Mycenaean culture, archaic and classical Greece, hellenistic Greece). Etruscan civilization, archaic Rome, Rome as a Republic, Rome as an Empire, Roman colonies, Christian Rome. Cities in the Middle Ages (the beginnings of Christianity, new models of medieval cities in Western Europe, selected examples of medieval cities. Castle towns, beginnings of the development of Polish towns, features of early medieval towns, chartered towns, characteristics of public spaces and urban development. Modern urban planning (Florence - the cradle of Renaissance, theoretical plans of Renaissance towns - Zamość, Renaissance in existing towns, the development of ideal towns during the Baroque, town reconstructions during the Baroque and Classicism). Cities during the Industrial Revolution (city crisis, socialist concepts, company towns, industrial towns, town reconstruction in the XIX century). New concepts of towns at the turn of the XIX and XX centuries (new ideas, linear settlements, garden cities, industrial cities. Problems with city development in the	E	30				30	2	
B3	Descriptive Geometry in Architectural Drawig	Students develop the ability to show spatial figures on a drawing. Developing spatial imagination. Teaching basics of geometry and the ability to solve spatial problems in graphic models used in contemporary technology. Learning to use models in practice.	E®	15	15				30	2
A1	Theory of Urban Planning and Urban Analysis	1. General aspects - introducing the students to the subject, environment, space, place, 2. Ways of defining cities 3. Urban planning composition - urban planning analysis, 4. Methods of urban planning analysis 5. Elements of the functional and spatial structure, 6. Spatial connections and relations, 7. Basics of urban design, 8. Sizing space in the city , 9. City - spatial structure - city size and functions, 10. City development processes, 11. Urban planning documentation.	E	15	30				45	3
W/U	Computer Graphics/Multimedia Presentations (to be selected by the student)	Students become familiar with the basics of practical knowledge in vector and raster graphics with the use of Corel Draw and Adobe Photoshop for creating and processing images as a two-dimensional composition. Student use this knowledge and the learned skills to create utilitarian messages created in order to present their own works using digital productions online, or in printed form. Stimulating and developing workshop skills and enriching experiences enabling the student to consciously solve designing problems on their own taking into account the importance of transforming verbal information into a visual language, while also putting particular emphasis on the principle of the dependence between the precision of the formulated message and its final	C		45				45	4
B1	Ergonomics	The goal of the subject is acquiring knowledge and abilities indicated in the curriculum, becoming familiar with general information regarding security studies, with legal aspects of security and work hygiene, principles of ergonomics with particular emphasis on the working environment.	C		20				20	1

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	Physical Education	Developing and improving the harmonious physical development of students. Stimulating the proper psychophysical development. Providing knowledge enabling the conscious and active participation in all kinds of physical activities and developing aspects of team sports. Popularization and of team and individual sports. Controlling individual student fitness in an annual cycle/ physical fitness tests, somatic parameters. Developing motor skills useful in utilitarian, recreational, and athletic activities. Developing attitudes of conscious and permanent student participation in various environmental conditions and individually. The influence of physical activity on the student organism. Physical activity during various stages of life. Appropriate posture and preventing posture			30				30	0
D	Drawing Internship (Open-Air)	Students acquire the skills to control the creative process, work in a group, among the public. Becoming familiar with the individual experiences and drawing abilities of students working in the public space. Becoming familiar with methodology of designing through the analysis of the building context, location and structure and teaching the synthetic presentation of the characteristic features of an architectural structure				1 week				2
D	Surveying and Architectural Internship	Surveying and Architectural Internship – allows the students to develop the abilities to prepare drawing documentation of the surveyed buildings. The principal goal of the subject is for students to acquire practical knowledge regarding the methods and techniques of preparing property survey, including methods and techniques of completing a measured survey - traditional and modern methods of performing survey drawings and other abilities of preparing all materials concerning the surveyed structure as well				2 weeks				4
SEMESTER 3				180	150	0	0	165	495	30
C	English	A. Grammar: Tenses – present simple, present continuous, present perfect, present perfect continuous, past simple, past continuous; future expressions – will, be going to, be used to; modal verbs, first and second conditional; passive voice, direct and indirect questions, comparative and superlative of adjectives and adverbs, comparisons, countable and uncountable nouns. B. Vocabulary: Names of kinds of building structures, room names, shapes, creating structure description, creating landscape description, names of basic mathematical terminology, names of materials and their properties, education - names of objects and vocabulary connected with the education process, vocabulary connected with making drawings, sketches, and vocabulary	C®		30				30	1
B2	Structural Mechanics	The goal of the subject is for students to master the basic terminology and aspects of building mechanics within the scope necessary to understand the principles of designing civil engineering structures and for the students to independently solve engineering problems which are defined in the subject curriculum.	E®	15	30				45	3
B2	Civil Engineering	Familiarizing the students with aspects of building systems and elements. Students become familiar with the general principles of designing buildings, especially single-family buildings as far as developing basic architectural drawings of the building. The goal of the subject is to prepare future architects as far as mastering the basic skills to select the appropriate materials to use in different building elements, as well as becoming familiar with the basic terminology connected with the architectural and construction design of buildings and the proper understanding of drawings, and also preparing basic design documentation. Students acquire social competencies based on mastering methods of using available information sources and expert literature, as well as competencies in using specialist terminology within the framework of the studied field, especially that which involves designing technical solutions	E®	15				15	30	2

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				LECTURES	EX	SEM.	LAB.	DESIGN	TOTAL	
U	City Sociology	Presenting the basic terminology, concepts, and sociological theories connected with the sociology of city and housing. Becoming familiar with them will allow the students to broaden their knowledge in the studied field, enable them to interpret the observed social phenomena occurring in the city space, and understand the social conditions of spatial phenomena.	C	15					15	1
A1	Architectural Design - Single-Family Housing	Becoming familiar with the general aspects of single-family housing (kinds, typology, terminology, requirements). Becoming familiar with the principles of shaping residential buildings (the functional and utilitarian program, civil engineering design). The ability to prepare documentation in the drawing part. Becoming familiar with the basic elements accompanying buildings (networks, utilities) Becoming familiar with renewable energy sources possible to implement in single-family housing.	C®					90	90	5
B1	History of Polish Architecture	Beginning of architecture in Poland. Wooden architecture role/overview of structures for semestral work. Pre-Roman architecture. Roman architecture. Monastery architecture. Proto-Gothic in Poland. Gothic architecture in central Poland. Gothic architecture in Silesia. The architecture of International Gothic in Pomerania.	C®	30					30	2
B2	Structure Physics and Acoustics	The goal of the subject is familiarizing the students with methods of transporting acoustics in a building, methods of transforming energy in a building, and the principles of maintaining thermal comfort and lighting, with the appropriate solutions when it comes to building components due to calculation procedures.	E	15	15				30	2
A1	Designing Urban Systems	Students acquire the necessary historical knowledge regarding the development of urban planning concepts, principles of civil engineering and architecture over the ages, with particular emphasis on the development and permeation of cultures, ideas, and theories within the framework of European heritage in the broad sense.	E®	15				45	60	3
B1	City Ecology	Students broaden their professional knowledge adding aspects of environmental protection and environmental and spatial relations in a city. They acquire the ability to understand and use the basic terminology in the subject. They are able to anticipate the effects of planning and designing activities which concern city ecology in the broad sense. They are able to use and apply in practice the legal provisions in environmental protection, operational urban planning, and spatial planning. They have the ability to evaluate current environmental conditions in relation to designing interventions.	C	15					15	1
B2	Building Utility Systems	The goal of the subject is to familiarize the student with the basic building utility elements (thermal, ventilation, water supply, sewage, gas, electrical gazowych. The student becomes familiar with the general principles of selecting devices and appropriate types of utilities as far as designing them for a single-family building. The goal of the subject is to prepare the future civil engineer by mastering the general aspects connected with equipping the building with utility elements, the appropriate reading of utility drawings, as well as acquiring the ability to prepare basic designing	C	15	15				30	2
W/U	The Art of Arranging Exhibitions/ Self-Presentation (subject to be selected by the student)	Students master the abilities to present their own works. They develop a portfolio based on designs created during the course of the studies. They acquire the ability to run their professional profile in social media. They prepare and present a design using a slide show. Developing a portfolio. Running a professional profile on social media.		15	30				45	4
B1	Designing Landscape and Green Areas	Implementing the principle of integrated designing with a proecological profile - a single-family building and its surroundings, determining terrain functional zones and their relations with the house, infrastructure in terrain development (access, fencing, gates, recycling, parking, power supply), shaping land and surface water, connections with the natural and landscape environment. Basic knowledge in environmental conditions and plants, wastewater management. to graphically present land development	C®	15				15	30	2

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				LECTURES	EX	SEM.	LAB.	DESIGN	TOTAL	
A2	Rural Planning and Rural Settlements	Students acquire the necessary historical knowledge regarding the development of urban planning concepts, principles of civil engineering and architecture over the ages, with particular emphasis on the development and permeation of cultures, ideas, and theories within the framework of European heritage in the broad sense. Supplementing and developing knowledge in the geographical, social, and cultural conditions of spatial design. Becoming familiar with selected works (theoretical and practical in designing space as far as planning in rural areas, architecture and landscape architecture in the historical sense. Stimulating the creative and critical interest in the condition and quality of space as well as the consequences of the multi-dimensional activity of	E	15	30				45	2
SEMESTER 4				75	80	0	30	285	470	30
C	English	A. Grammar: Tenses – present simple, present continuous, present perfect, present perfect continuous, past simple, past continuous; future expressions – will, be going to, be used to; modal verbs, first and second conditional; passive voice, direct and indirect questions, comparative and superlative of adjectives and adverbs, comparisons, countable and uncountable nouns. B. Vocabulary: Names of kinds of building structures, room names, shapes, creating structure description, creating landscape description, names of basic mathematical terminology, names of materials and their properties, education - names of objects and vocabulary connected with the education process, vocabulary connected with making drawings, sketches, and vocabulary	E®		30				30	2
W/U	The Art of Arranging Exhibitions/Self-Presentation (subject to be selected by the student)	Students master the abilities to present their own works. They develop a portfolio based on designs created during the course of the studies. They acquire the ability to run their professional profile in social media. They prepare and present a design using a slide show. Developing a portfolio. Running a professional profile on social media.			30				30	3
B2	Civil Engineering Structures	The goal of the subject is familiarizing the students with the history of the development of civil engineering structures, methods of designing entire buildings and their construction solutions, as well as functions and methods of designing and constructing the basic construction elements which make up a building. Furthermore the goal of the subject is to make the students aware of the need for constant self-development by studying texts about new materials,	C®	15	20				35	2
B1	History of Polish Architecture	Renaissance architecture in comparison to world achievements. Ideal towns of the Renaissance - were churches no longer built during the Renaissance? Introduction to Baroque architecture. Jesuit architecture during the Baroque. Tylman van Gameraen - the most colorful figure of the Polish Baroque. Baroque in Silesia. Neostyles in architecture during Classicism. The most important works of Polish Classicism.	E	30					30	2
A1	Architectural Design - Small-Scale Services	Semestral work of a house-retail building in an independently selected location. The selection of location - planning aspects, aspects of "good continuation", and fitting the building into the natural and cultural surroundings, urban planning analysis; Developing the plot, functional arrangements interior-exterior, surrounding guidelines for the arrangements of the structure; Program and functional arrangements of the structure, the relationship between individual functions and their size and placement; Material solutions of the construction and finishing works, aspects of designing interior during the early stages of the design process, complexity of problem solving; Graphic presentations of the design, method of drawing architectural concepts, panel content, methods of presenting, methods of defending personal solutions during a public presentation; Legal	C®					90	90	4

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A1	Urban System Design	The goal of the subject is providing the students with the theoretical foundation for designing the cultural environment, and especially its residential part, becoming familiar with its contemporary problems and presenting examples of architecture and residential urban planning as an introduction to design exercises. Familiarizing the student with aspects of designing contemporary residential complexes. Becoming familiar with principles of urban planning composition in residential areas as far as technical infrastructure and designing green areas. Acquiring the knowledge and abilities allowing the students to independently plan and develop a functional and spatial program for a residential complex as well as select the appropriate spatial solutions taking into account the urban surroundings in place as well as the norms and legal	C	15				45	60	3
A1	Architectural Design - Multi-Family Housing	Becoming familiar with types of multi-family housing. Becoming familiar with urban planning guidelines regarding the design of multi-family residential complexes. Becoming familiar with the principles of creating a utility program - flat and its functional zones. Becoming familiar with the ergonomic principles of design as far as developing residential space. Mastering the ability to analyze the location potential in connection with the formal and legal conditions (Local Spatial Development Plans, land development and management conditions). Developing the ability to create a functional scheme of multi-family residential buildings with different types of flats, and of different configuration, in accordance with the accepted arrangements. Mastering the ability of the graphic presentation of an architectural concept (plans, cross-sections, elevations). The ability to develop an architectural and construction concept of a multi-family residential building in a specific location selected by the	C®					90	90	4
A1	Land Development Studies and Plans	Historical context of spatial planning - including spatial planning in Poland. The role of the Charter of Athens in designing European cities in the XXI century, including Polish cities. Legal regulations. Spatial Planning and Land Development Act and executive regulations of the act. Separate acts. The subject and scope of regulations in the field of spatial planning. Spatial planning and its relations with the administrative management and division of the state. Functions of planning documents. Bodies responsible for spatial planning - including advisory bodies. Document system structure: State-level planning. Province-level planning. Municipality-level planning. Study of the conditions and trends in the spatial	C	15				45	60	3
B3	Freehand Drawing (Painting)	Creating the possibility for the students to develop their creative personality. Stimulating sensitivity, imagination, and visual awareness. Developing the ability to use an artistic form in order to record designing feelings, notions, and ideas. Developing individual creative attitudes as well as a scale of esthetic values. Becoming familiar with selected painting techniques	C®				30		30	2
B1	Designing Landscape and Green Areas	Implementing the principle of integrated designing with a proecological profile - a single-family building and its surroundings, determining terrain functional zones and their relations with the house, infrastructure in terrain development (access, fencing, gates, recycling, parking, power supply), shaping land and surface water, connections with the natural and landscape environment. Basic knowledge in environmental conditions and plants, wastewater management to graphically present land development in landscape design	C®					15	15	1
D	Urban Planning Internship	Urban planning surveying is the basis of all analyses and designs as far as urban planning and spatial planning. The principal goal of the internship is familiarizing the students with methods and techniques used in planning, including acquiring practical knowledge regarding the types and methods of preparing urban planning surveys and urban planning studies, acquiring the practical skills to complete survey drawings as well as preparing all the materials and information regarding the existing urban space in the form of both a				2 weeks				4
Strona 8										
SEMESTER 5				105	35	0	0	300	440	30

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B3	Constructing a Digital Environment (Model) for Analysis and Design Purposes	The goal of the subject is to emphasize the model presentation of designing works. The model as a designing tool. Acquiring knowledge and abilities to conduct a simulation of activities on a model, and examine specific phenomena, collect data, interpret results, and draw conclusions Developing the ability of spatial thinking and broadening knowledge regarding the influence of elements of complex systems by completing three-dimensional models.	C®					30	30	2
B3	Sculpture and Modeling	The ability to construct sculpting compositions along with understanding basic terminology: form, proportion, scale. The ability to observe and interpret nature. Developing spatial imagination. The ability to use sculpting techniques in completing personal artistic works. The topics covered in exercise classes include: Composition exercises - flat and spatial composition. Study of nature - based on observations, analyses, and sketches. Completing exercises involving the imagination. Becoming familiar with basic	C					30	30	1
B2	Civil Engineering Structures	Students become familiar with aspects connected with the essence of civil engineering structures. Becoming familiar with the specificity of work, load bearing, and utility of steel, reinforced concrete, wooden, and brick constructions. Becoming familiar with the basic assumptions when it comes to designing the cross-sections of steel, reinforced concrete, wooden, and brick structures along with the abilities of using parameters studied in the subject literature.	E®	15	20				35	2
A1	Architectural Design - Public Utility Buildings	The didactic activity of the subject is focused on the studied topics connected with composition and designing formal and spatial systems in connection with the surroundings, and also on designing aspects learned during previous semesters as far as building function, form, and construction. The students become familiar with the process of designing public utility buildings of medium scale and extended functional solution, aspects of urban planning in understanding contemporary times. They become familiar with the designing process based on a topic selected by the student from a list proposed by the course instructor - acquiring the abilities to design and understand the mutual connections with varied functional arrangements. The goal of the subject is also a reference to methods of teaching designing and technical conditions which should be fulfilled by buildings and their placement. Becoming familiar with basics of programming, aspects concerning the spatial structure, theory, and urban and architectural design. Mastering methods of work beginning with the stage of context analysis and drawing the idea, through the concept, and to a specific designing	C®					90	90	6
A1	Land Development Studies and Plans	Historical context of spatial planning - including spatial planning in Poland. The role of the Charter of Athens in designing European cities in the XXI century, including Polish cities. Legal regulations. Spatial Planning and Land Development Act and executive regulations of the act. Separate acts. The subject and scope of regulations in the field of spatial planning. Spatial planning and its relations with the administrative management and division of the state. Functions of planning documents. Bodies responsible for spatial planning - including advisory bodies. Document system structure: State-level planning. Province-level planning. Municipality-level planning. Study of the conditions and trends in the spatial	C	15				45	60	3
A1	Designing in a Historic Environment	Designing infill buildings in historical urban arrangements (concept) - exercises during classes. Overview of the design, practical examples of infill buildings. Familiarizing the students with sample records of local spatial development plans concerning the protection of cultural values. Checking the students' familiarity with terminology used in architecture - quiz, overview. Familiarizing the students with basic types of conservation documentation (movable historic object and historical monument record sheets, Municipal register of Historical Landmarks). Completing a description of a historical monument (elevation, interior - alternative possibility)	C					90	90	6

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				LECTURES	EX	SEM.	LAB.	DESIGN	TOTAL	
W/U	Preservation and Modernization of Historic Landmarks/ Basics of Knowledge in Historic Landmarks (subject to be selected by the student)	Preparing the graduate to complete designing works connected with historical monuments and their surrounding. Mastering the rules of completing preservation documentation and conducting architectural works. Becoming familiar with the basic principles (including legal) of dealing with historical monuments and preservation works. Beginnings of study of Antiquity. The development of preservation ideas and theories. Overview of the most important examples of preservation and restoration of historical monuments in history. International norms of historical monument protection. The history of preservation concepts and	E	30				15	45	5
U	Contemporary Architecture	Basic terminology and definitions of contemporary architecture, showing the basic problems and architectural trends of the XX and XXI centuries. Familiarizing the students with the most outstanding as well as the lesser known works of contemporary world architecture of the XX and XXI centuries, enabling the students to become familiar with, understand, and be able critically analyze and evaluate phenomena, and as a consequence construct the basis of a professional attitude of an architect. Presenting the most famous architects; discussing architecture in comparison with the various fields of human life, academic disciplines, as well as an attempt to evaluate to what extent architecture in the XXI century influences the	E	30					30	1
W/U	BMS (Building Management Systems) / Advertising, Visual Identification and "Way Finding" in Buildings (subject to be selected by the student)	The goal of the work is to develop a method of defining needs and their graphic record consisting an ideogram in the communication between the user, designer of a given system, and the coordinating architect. We draw/mark those elements, which we want to control and elements of the control; Teaching interdisciplinary cooperation; Teaching the ability to see the influence of specific designs on the functioning and appearance of the architecture; creating one's designing workshop "from the ground up", meaning an individual method to develop designing solutions.	E	15	15				30	4
SEMESTER 6				95	30	0	0	265	390	30
A1	Transformation of Post-Industrial and Degraded Areas	Broadening professional knowledge to include aspects of the genesis and significance, as well as transformation and proposed development of post-industrial and degraded areas. The ability to understand and use basic terminology from the field in question, including the Revitalization Act (2015). The ability to conduct analyses required to evaluate the possibility of transforming post-industrial areas. The ability to select a functional scenario for the transformed terrain. The ability to prepare a program and function transformation concept of the aforementioned terrain. The ability to	C®	15				45	60	4
U	Building Code	Familiarizing the students with topic regarding: location of the investment and the method of obtaining permits for construction and demolishing, specifying construction works and works not requiring construction permits, commissioning of finished buildings, professional activities of people connected with the building and construction industry (licenses to perform independent functions in construction, construction licenses, professional and criminal responsibility, rights and responsibilities of the participants of the construction process, proceedings during construction disasters.	E®	20					20	3
B2	Technical Infrastructure of Cities	Becoming familiar with the basic information regarding city infrastructure in a scope necessary to design urban structures with a different scale of residential development, along with accompanying structures.	C	15				15	30	2
W/U	Preservation and Modernization of Historic Landmarks/ Basics of Knowledge in Historic Landmarks (subject to be selected by the student)	Preparing the graduate to complete designing works connected with historical monuments and their surrounding. Mastering the rules of completing preservation documentation and conducting architectural works. Becoming familiar with the basic principles (including legal) of dealing with historical monuments and preservation works.	E					30	30	4

ACADEMIC SYLLABUS FOR THE FIELD OF STUDY OF INTERIOR ARCHITECTURE 4-YEAR FIRST-CYCLE STUDY PROGRAM

SUBJECT GROUP	SUBJECT NAME	SUBJECT DESCRIPTION	E	TYPE OF CLASSES					NUMBER OF HOURS	ECTS
				LECTURES	EX	SEM.	LAB.	DESIGN	TOTAL	
B1	Cultural Heritage and Regional Landscape	Students become familiar with the term "cultural heritage" as well as "regional landscape". Students broaden their knowledge and awareness as far as the multifaceted and multi-themed regional landscape and its cultural components. Students acquire the skills to combine designing solutions in various scales and spatial ranges. They acquire the knowledge about the role of cultural heritage in the development of regional and local landscape as well	C®	10				20	30	2
A1	Communications	The students become familiar with the current trends in planning and designing communication systems, the relations between transport subsystems and their connections and mutual dependencies on spatial management which influence urban mobility. They acquire the ability to select and use information sources	E®	15				45	60	4
A1	Architectural Design - Designing for the Elderly, the Disabled and People with Mental Disorders	Students become aware that designing should be based on understanding needs and limitations while also taking into account their diversity and individual requirements. It should be focused on: availability and ergonomics: Designing should take into account easy access and useability for people with different levels of mobility including those on wheelchairs, crutches, using canes, and other mobility-aiding devices. Safety: Designing should take into account safety and minimize the risk of injuries for the elderly and the disabled. Fro example, non-slip floors, rails and handles in the bathroom, and other places where there is a risk of slipping. Appropriate lighting: Good lighting is important for the elderly and the disabled in order to ensure safety and comfort. Designing should take into account the varied needs of lighting including ensuring the appropriate amount of natural and artificial light, adjusting the color and light intensity to the individual needs of the users. As well as access to information: Designing should take into account the various ways of information transfer, such as visual, audio, and tactile. Designers must pay attention to the size and contrast of the text, as well as the color scheme in order to facilitate the readability and comprehensibility of the text.	C®					90	90	5
A1	City Structure	The students become familiar with the basic principles of designing residential areas, combining in them elements of a city and a suburb, creating residential, work, trade, and entertainment spaces all in one place. Taking into account the needs of inhabitants, including the need to have access to public transport, green areas, sports, and cultural infrastructure. Taking into account ecological aspects such as sustainable development and environmental protection	E	10	30				40	4
A2	Regional Design	Students become familiar with designing while taking into account both characteristic features of a region, as well as its context on a broader scale. This includes among others, the analysis of natural, economic, social, and cultural conditions, the identification of needs and challenges, as well as formulating goals and development strategies. The students become familiar with terrain functions along with methods of marking these terrains as part of planning documents (Land Use Plan, Local Spatial Development Plan, Land Development Plan). The ability to read planning documents. Implementation of expert terminology and acquiring the ability to	C	10				20	30	2
SEMESTER 7										30

ACADEMIC SYLLABUS FOR THE FIELD OF STUDY OF INTERIOR ARCHITECTURE 4-YEAR FIRST-CYCLE STUDY PROGRAM

SUBJECT GROUP	SUBJECT NAME	SUBJECT DESCRIPTION	E	TYPE OF CLASSES					NUMBER OF HOURS	ECTS
				LECTURES	EX	SEM.	LAB.	DESIGN	TOTAL	
D	Professional Internship - Architectural	The goal of the internship is acquiring and developing the abilities to practically use the knowledge learned during the course of studies. The students are tasked with becoming familiar with the issues and nature of the functioning of the architectural workshop, the principles and range of preparing designing documentation as well as organization of work during the designing process, for example, the order of the stages of of the building designing documentation, with the principles of the cooperation between the architect and the designers of the individual technical industries, with the correlations between the investor, designer and the contractor. Curriculum: familiarizing the students with the functioning and work organization as well as division of tasks and responsibilities in force at the designing unit, familiarizing the students with the standard of the design studies of the design studio (concept, idea, techniques and types of presenting the design studies), student participation in conceptual and idea works, student participation in contacts with the client, student work in developing the building and architectural documentation, familiarizing the students with the legal requirements, regulations, and technical conditions in practice, familiarizing the students with procedures regarding administrative proceedings in construction (proceedings regarding spatial planning, building conditions, decisions on building permits), familiarizing the students with principles and methods of preparing analyses of location and spatial conditions, student participation in preparing documentation regarding land development, technical infrastructure, external utilities, student participation in developing technical, detailed design documentation, student participation in developing technical details, student participation in preparing documentation regarding development of land, technical infrastructure, and utilities.							1 semester - six months - internship must be completed in accordance with the schedule of the academic year	30
SEMESTER 8				80	0	50	0	150	310	30
E	Diploma Seminar	The subject introduces the student to the selected topic of the diploma thesis based on own ideas and designing assumptions. The supervisor watches over the development of the diploma thesis, making corrections when needed during designing consultations.	C®			50			50	10
A2	Interior Adaptations	The didactic activities of the subject focus on the aspects of design learned during the previous semesters as far as function, form, and construction of a building. The goal is to familiarize the students with aspects of interior design as well as adaptations to new functions (interior of an apartment, and an interior of a restaurant) - acquiring the abilities to evaluate and value existing substances in a historical, cultural, and contemporary approach.	C®					30	30	2
C/H	Psychology of Work	The students become familiar with psychology as a scientific discipline. They acquire the knowledge on the topic of psychological mechanisms regulating human in his professional life. The students acquire information regarding the psychological indicators of the functioning of an individual in the aspect of his interpersonal competencies relevant at work.	C®	psych					30	2
B1	Law and the Economy of the Investment Process	The students become familiar with the general legal institutions in the investment process, with particular emphasis on real estate law and contract law. Students gain the skill to work with legal regulations during the investment process and the ability of critical analysis of contract provisions, as well as the ability to present their own suggestions regarding contract provisions.	C	20					20	1

ACADEMIC SYLLABUS FOR THE FIELD OF STUDY OF INTERIOR ARCHITECTURE 4-YEAR FIRST-CYCLE STUDY PROGRAM

SUBJECT GROUP	SUBJECT NAME	SUBJECT DESCRIPTION	E	TYPE OF CLASSES					NUMBER OF HOURS	ECTS
				LECTURES	EX	SEM.	LAB.	DESIGN	TOTAL	
U	Urban Planning Law	Spatial development in history. The general legal documents regulating issues of spatial planning and development in Poland. The structure of the Polish system of spatial planning - general information. Planning spatial development on a local level. Study of the conditions and trends in the spatial development of a municipality. Local spatial development plan of a municipality. Spatial development on a regional level. Spatial development plan on the level of a province. Spatial development on the national level. Concepts of spatial development of a country and central government programs. The location of public investments and agreeing on the conditions of development regarding other	E®	30					30	3
A1	Inner-City Developments	The students become familiar with the basic principles of designing residential areas, combining in them elements of a city and a suburb, creating residential, work, trade, and entertainment spaces all in one place. Taking into account the needs of inhabitants, including the need to have access to public transport, green areas, sports, and cultural infrastructure. Taking into account ecological aspects such as sustainable development and environmental protection.	C	15				45	60	4
A1	City Restoration	The students become familiar with the topic of city restoration as a process which is based on the restoration of previously neglected or degraded values in urban areas with the aim to improve the conditions of living of inhabitants, as well as preserve cultural heritage in urban areas while also increasing the attractiveness for tourists.	C®	15				45	60	4
U	Sustainable Development in Architecture	Energy-saving solutions in architecture and urban planning. The impact of the location of a building (and also a group of buildings) as well as elements of land development and the individual elements of the building itself as far as the energy needs of a building. New elements in preexisting buildings in order to improve the energy balance of a building. Improving the energy balance of a building by introducing renewable energy sources (new solutions in ventilation, window installation, grey water reclamation, heating, warming, and altering the body of a building).	C®					30	30	4
								total	2930	240
	E – EXAMINATION, C- CREDIT WITH A GRADE, ® - REQUIRED SUBJECT									

