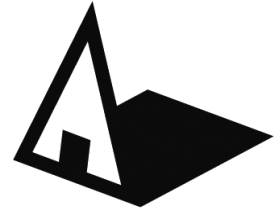


University of Belgrade – Faculty of Architecture

# BOOK OF COURSES



Master  
academic  
studies  
Integral  
Urbanism

# COMPULSORY COURSES

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	URBAN REGULATIONS		
Teacher:	Associate professor PhD Biserka Č. Mitrović		
Type of course:	Compulsory		
ECTS:	2		
Preconditions:	/		
Objectives:	Significance, development and contents of urban and planning regulations in Serbia. Acquiring information on variety of requests and professional needs included in the process of urban and spatial planning. Introduction to general context of EU legislature. Insight in the procedures and institutions in practice of urban and spatial planning in Serbia.		
Learning outcomes:	Instructing the students to comprehend and implement urban and spatial-planning regulations in practice. Qualifying the students to recognize obligations, competences, place and time of inclusion of the participants in the process of urban and spatial planning in accordance with valid regulations. Recognition of the significance and role of the system of institutions included in the process of urban and spatial planning in Serbia.		
Course brief:	<p><u>Theoretical education:</u></p> <ul style="list-style-type: none"> <li>– Basic regulations concerning urban and spatial planning – law, by-laws, regulations and norms.</li> <li>– Regulations in the related fields important for urban and spatial planning; harmonization and inter-sector harmonization and correlation in the field.</li> <li>– Regulations in the domain of environment significant for urban and spatial planning; Regulations in domain of construction land important for urban and spatial planning.</li> <li>– Legislature development in Serbia; harmonization with EU urban legislature and regulations.</li> <li>– Public interest in urban and spatial planning regulations.</li> <li>– Public participation in urban and spatial planning regulations.</li> <li>– Urban and spatial plans implementation.</li> <li>– Relation and harmonization of legislation documents in Serbia with plan documents not prescribed by urban and spatial regulations in the country (development strategies, local ecological and activity plans, master plans etc.).</li> <li>– Procedures and institutions on different levels of urban and spatial planning in Serbia; authorities and obligations of institutions in creation, control and adoption of plan documents.</li> </ul> <p><u>Practical education:</u></p> /		
Literature:	<ul style="list-style-type: none"> <li>– EUR-Lex, European Union Law database</li> <li>– Moore V., Huges, D.: Statutes on Planning law, Blackstone Press Limited, London, 1995.</li> <li>– Крстић, Б., Пајовић Д.: Законодавство урбанизма, архитектуре, баштине, човјекове средине, просторног уређења. Научна књига, Београд, 1987.</li> <li>– Пајовић Д.: урбанистички закони јужнословенских земаља – БИХ, Црна Гора, Хрватска, Македонија, Словенија, Србија- Приказ важећих закона, у: Планирање, инвестиције и реализација у транзицији ка европском законодавству, Летња школа урбанизма, Врњачка Бања, 2006.</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	/
Teaching methodology:	Ex cathedra lectures, research work, presentation and defense of individual and group projects.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written exam	40
Practical classes		Oral exam [paper defense]	10
Colloquia			
Seminar-s	40		

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	MODERN URBAN PHENOMENON		
Teacher:	Associate professor PhD Aleksandra B. Stupar		
Type of course:	Compulsory		
ECTS:	2		
Preconditions:	/		
Objectives:	The objective of the course is to research a phenomenon of the urban city, its basic characteristics and patterns produced by rapid changes taking place since the second part of the twentieth century. A student is given a comprehensive overview of relation between urban structure/architecture and political, social and economic flows in the context of latest technological revolution.		
Learning outcomes:	<ul style="list-style-type: none"> <li>– Identification of conditions and processes which are taking place in a modern city – their social and technological components.</li> <li>– Training for recognition and theoretical analysis of current urban phenomena.</li> <li>– Mastering of process of integral and critical identification of contemporary urban phenomena.</li> </ul>		
Course brief:	<p><u>Theoretical education:</u>          The instruction is focused on observing specific characteristics of modern city – socio-economic context, urban transformations, architecture and trends. The phenomena are observed on three spatial levels – global, regional and local. Special attention is dedicated to relation between general patterns of current processes and their local characteristics. The course observes on equal terms city structure and architecture – their newly-formed identity, attractiveness and competitiveness.</p> <p><u>Practical education:</u>          /</p>		
Literature:	<ul style="list-style-type: none"> <li>– ГРАД ГЛОБАЛИЗАЦИЈЕ – ИЗАЗОВИ, ТРАНСФОРМАЦИЈЕ, СИМБОЛИ /Александра Ступар, АФ/ОрионАрт, Београд, 2009/</li> <li>– GLOBALIZATION /Arjun Appadurai, ed., London, 2001/</li> <li>– THE GLOBAL CITY: New York, London, Tokyo /Saskia Sassen, Princeton, Oxford, 2001/</li> <li>– THE CITY READER /LeGates Richard T. and Stout Frederic, eds., London &amp; New York, 2001/</li> <li>– THE MODERN CITY REVISITED /Thomas Deckker, ed., London, NY, 2000/</li> <li>– CONTEMPORARY WORLD ARCHITECTURE /Pearman Hugh, London, 2002/</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	/
Teaching methodology:	The instruction is conducted in form of ex-cathedra classes and discussions during classes.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	20	Written exam	60
Practical classes		Oral exam	
Colloquia	20		
Seminar-s			

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	CONTEMPORARY URBAN CONCEPTS		
Teacher:	Professor PhD Eva J. Vaništa Lazarević; Associate professor PhD Aleksandra M. Đukić		
Type of course:	Compulsory		
ECTS:	4		
Preconditions:	/		
Objectives:	<p>The objective of the course is to inform students on contemporary theoretical approaches, concepts and critical reviews concerning urban renewal. The students are introduced to concepts and methods of urban renewal and their application on complex urban problems on city level. Special attention is dedicated to physical-spatial transformations of the city structure and observation of relation with economic and social flows and correlation with political and ecological factors.</p>		
Learning outcomes:	<ul style="list-style-type: none"> <li>– The students are qualified to comprehend urban renewal phenomenon, as well as correlation between different factors influencing transformation of urban tissue;</li> <li>– The students are trained to work in regime of high autonomy and to develop cooperation skills;</li> <li>– The students develop capacity to apply their knowledge both in theory and in practice;</li> <li>– The students are qualified to understand the need of multidisciplinary observation of the phenomenon of urban renewal.</li> <li>– The students develop communication skills in verbal, written, graphical and digital form.</li> </ul>		
Course brief:	<p><u>Theoretical education:</u>          Introduction to contemporary approaches to urban renewal, with focus on the second half of the 20th century, as well as presentation of key factors determining renewal.          Critical reviews of theoretical concepts. Interdisciplinary overview of urban renewal. Culturological dimension of urban renewal. Urban renewal and gentrification. Sociological aspect of urban renewal. Urban renewal management.          Case studies – positive and negative examples and experiences.</p> <p><u>Practical education:</u>          /</p>		
Literature:	<ul style="list-style-type: none"> <li>– Bacon, E. Design of Cities, Thames and Hudson, New York, 1973</li> <li>– Лазаревић Ева Ваништа: Обнова градова у новом миленијуму, Београд, 2003.</li> <li>– Roberts P., Sykes H.: Urban Regeneration, SAGE, 2000.</li> <li>– The Urban Design Compendium 1. English Partnerships, 2000. (prevod: Priručnik za urbani dizajn, Orion Art i Prograf, Beograd, 2008.)</li> <li>– The Urban Design Compendium 2. English Partnerships, 2007.</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	2	/	/
Teaching methodology:	Classes are held in form of interactive, multimedia lectures (ex-cathedra, discussions, polls, associations), and elaboration and presentation of acquired knowledge (preliminary examinations) and seminar paper.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written exam	
Practical classes		Oral exam	
Colloquia	2 x 20 = 40	Seminar paper	50
Seminar-s			

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	[IP01] INTEGRAL ANALYSIS OF TERRITORY		
Teacher:	Associate professor PhD Marija L. Maruna		
Type of course:	Compulsory		
ECTS:	12		
Preconditions:	/		
Objectives:	<p>The objective of the course is to inform the students on the integral approach to analysis of territory in changed economic, institutional and cultural context. The students are introduced to integral approach which includes analysis of both the results and the process of city development through: integral approach to urban problems; urban strategy under conditions of rapid changes; integration of economic, social and ecological dimension of development; analysis of the process of local development in transition; strategic development framework and partnership in city developments; challenges of uncontrolled urban development in transition. The special emphasis is put on understanding of institutional and organizational framework of plan intervention under conditions of conflicting goals of development: global competition, social equality and achieving better life conditions.</p>		
Learning outcomes:	<p>Upon completion of the course the students shall be qualified for:</p> <ul style="list-style-type: none"> <li>– Recognition of different professional roles in practice of city management, different forms of public intervention,</li> <li>– Consideration and critical analysis of formal urban planning aimed at continuous development of professional work,</li> <li>– Identification of different interests visible in city construction and development,</li> <li>– Comprehension of main trends in urban development, such as decentralization, political fragmentation, spatial and social stratification, economic transformation, new forms of city management, new forms of professional activities etc.</li> <li>– Identification of urban problems and identification of key aspects which may be dealt with by implementation of different measures; critical assessment of past, present and future proposals for resolving the problems, of main implications of the activities necessary for effective change of forms of work and development of capacities ,</li> <li>– Further development of professional skills for interdisciplinary work in practice.</li> </ul>		
Course brief:	<p><u>Theoretical education:</u> /</p> <p><u>Practical education:</u> Through presentation and analysis of examples of public intervention, the students are introduced to the role different, both private and public protagonists have in the process of dealing with social problems and enabling and stimulating development. During work in a studio the students are informed on policies, planning and decision making and they master research skills which may be useful in professional work. The students are given a chance to select a specific problem – domain of research in order to widen their knowledge and to try to achieve the intended goal, i.e. avoid unwanted effects. The chosen problem a student deals with is of public, but also of professional, theoretical and practical interest and as it has negative impact on development must be resolved as soon as possible. By resolving the chosen exemplar problems the students are given a chance to improve their professional skills.</p>		
Literature:	<ul style="list-style-type: none"> <li>– LeGates, R.T. i F. Stout (ed) (2001) The City Reader, London: Routledge</li> <li>– Begović, B., Vacić, Z., Lazarević, Bajec, N., Raičević, B. et al. (2002). Principi modernog upravljanja lokalnom zajednicom. Beograd: CLDS</li> <li>– Lazarević Bajec, N. &amp; Maruna, M. (2009). Strateški urbani dizajn i kulturna raznolikost. Beograd: Arhitektonski fakultet</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
0	0	8	2
Teaching methodology:	Work in studio is performed in form of intensive communication with the students, public lectures the students give, discussions, short-term tasks, work on feasibility study.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing		Written exam	
Practical classes	10	Oral exam	
Colloquia	2 x 15 = 30	Feasibility study	60
Seminar-s			

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	[IP01] TECHNIQUES AND TOOLS 1 – URBAN RESEARCH THROUGH GIS /Geographic Information System/		
Teacher:	Associate professor PhD Ksenija Ž. Lalović		
Type of course:	Compulsory		
ECTS:	3		
Preconditions:	/		
Objectives:	<p>The techniques and tools of urban analysis and synthesis are the integral part of the cognitive process of consideration, comprehension and interpretation of urban structural and transformational characteristics. The process is directed at recognition and selection of adequate planning methods and development strategy. The contemporary research procedures can no more be imagined without modern ICT tools which enable efficiency and effectuality of the procedures. In these terms:</p> <ul style="list-style-type: none"> <li>– The basic goal of the course instruction is introduction to and mastering use of fundamental techniques of analytic and synthetic procedures applied in practice during the process of urban planning and design.</li> <li>– The operative goal of the course instruction is introduction to performances and mastering use of basic computer tools for supporting urban analysis, with special emphases on GIS based- urban information systems.</li> </ul>		
Learning outcomes:	<p>Comprehension of the specter and complexity of practical professional urban planner’s tasks in the integral process of urban planning and design. Skills to recognize and select the adequate research techniques and tools appropriate for the considered problemcontext in the process of urban planning and design.          Acquiring knowledge on procedures in implementation of techniques, and on their complexity, resources needed and conditions for their application.          Acquiring skills needed for use of basic techniques in the context of concrete urban problem.          Acquiring skills of use of basic GIS tools necessary for performing basic spatial and multicriteria analysis of given urban context.</p>		
Course brief:	<p><b><u>Theoretical education:</u></b>          The course includes topics related to methods and techniques of collecting, arranging and structuring of quantitative and qualitative data, methods of statistical and spatial analysis, integral multicriteria territorial analysis, methods and techniques of predicting and simulation, SWOT, methods and techniques of visualization of research results and preparation of reports for support in decision making, methods and techniques of evaluation and following the changes.</p> <p><b><u>Practical education:</u></b>          The course includes practical applicative instructions on selected techniques by using GIS and other computer tools on given urban polygon.</p>		
Literature:	<ul style="list-style-type: none"> <li>– Levine, K.,Ed.,2003, The Urban Design Handbook: Techniques and Working Methods. New York: Urban Design Associates</li> <li>– Тошковић, Д.,1986, Увод у методе анализе и синтезе у просторном и урбанистичком планирању. Београд: ИАУС</li> <li>– Brail R., Klosterman R.,ed., 2001, Planning Support systems, Integrating Geographic Systems, Models, and Visualisation Tools, ESRI Press,Redlands, California</li> <li>– Carr M., Zwick P., 2007, Smart Land-Use Analysis , ESRI Press,Redlands, California</li> <li>– Kim T.J., 1989, Integrated Urban Systems Modeling: Theory And Applications, Kluwer Academic Publishers,Massachusetts</li> <li>– Klosterman R., Brail R., 2001, Planning Support Systems, ESRI</li> <li>– Laurini R., 2001, Information Systems for Urban Plannig, Taylor and Francis, London</li> <li>– Maantay J., Ziegler J., 2006, GIS for the Urban Environment , ESRI Press,Redlands, California</li> <li>– Zanelli K., Feaster L., 2003, Community Geography, GIS in Action, ESRI Press,Redlands, California</li> </ul>		
Active training classes no.:			Other:
Lectures: 1	Practical classes: 2	Other teaching forms: /	Studio research: /
Teaching methodology:	<p>The course instruction is conducted in formof interactive lectures and practice in computer GIS laboratory and on a concrete urban site selected with approval of the integral project manager in order to obtain results which may be used in the process of project development.</p>		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written exam	
Practical classes	30	Oral exam	30
Colloquia	30		
Seminar-s			

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	[IP01] RESEARCH METHODS AND TECHNIQUES		
Teacher:	Associate professor PhD Marija L. Maruna		
Type of course:	Compulsory		
ECTS:	2		
Preconditions:	/		
Objectives:	Introduction to the basic principles, approaches and methodology of research in the field of urbanism (social sciences and humanities). The students should be introduced to manners of writing of research papers and acquire insight in manners of critical consideration of research papers.		
Learning outcomes:	Development of critical thinking and of analytical skills. Comprehension of research process, of complex concepts and communication skills. Mastering of research language. Insight in the basic methods of research in the field of urbanism. Acquiring skills for writing different kinds of research texts. Acquiring skills for critical use of different sources. Preparation for writing seminar paper.		
Course brief:	<p><b><u>Theoretical education:</u></b></p> <p>The course is focused on training the students to define topics of research, to make critical review of literature and to use information acquired from different sources. The students are also instructed on how to define the issues of research and how to choose adequate method of research in order to find the responses pursued for. The topics the course deals with include:</p> <ul style="list-style-type: none"> <li>– Defining the problems of research</li> <li>– Critical review of literature</li> <li>– Formulation of research questions/hypotheses</li> <li>– Choosing methods of research: qualitative and quantitative research methods,</li> <li>– Types and structure of research</li> <li>– Definition of proposals for research,</li> <li>– Skills of writing research papers,</li> <li>– Different forms of texts,</li> <li>– Computer use in urban researches.</li> </ul> <p><b><u>Practical education:</u></b></p> <p>/</p>		
Literature:	<ul style="list-style-type: none"> <li>– Filozofski fakultet sveučilišta u Zagrebu, baza znanja <a href="http://infoz.ffzg.hr/Afric/vjekobz/">http://infoz.ffzg.hr/Afric/vjekobz/</a></li> <li>– Keane, R., Downs, M. (2003) Academic Writing. A concise guide for students in Central and Eastern Europe. Belgrade: Belgrade Open School</li> <li>– Михајловић Д. (2004). Методологија научних истраживања. Београд: Факултет организационих наука.</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	1
Teaching methodology:	The instruction consists of classes, practice (preparation of short written papers) and discussions and critical review of texts, research issues, methods of research and the expected results. The examination is taken in form of seminar paper.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written exam	
Practical classes	20	Oral exam	
Colloquia	2 x 10 = 20	Seminar paper	50
Seminar-s			



Study programme:	Master academic studies Integral Urbanism			
Type and level of studies:	Master academic studies			
Course:	URBAN ECONOMICS			
Teacher:	Professor PhD Goran Milićević			
Type of course:	Compulsory			
ECTS:	2			
Preconditions:	/			
Objectives:	<p>Introduction to the issues concerning sustainability, city planning and construction in accordance with the principals and criteria of viability, and training the students for participation in professional activities of urban planning and design of sustainable cities and other types of urban settlements.</p> <p>Introduction to the sustainability doctrine, the issues it deals with and the role, domain and range in the field of urban planning;</p> <p>Introduction to the elements and contents of relation between viability, physical space and planning in accordance with modes of creation of urban space and mechanisms of space management. Exploration of relation between urban planning, urban design and designing in the context of sustainability. Introduction to the basic elements of creation of plan documents, methods and work process in the context of sustainability.</p>			
Learning outcomes:	<p>The students acquire knowledge and skills necessary for :</p> <ul style="list-style-type: none"> <li>– Determination of relations between the phenomenon of viability, planning, planning process and urban problems/issues,</li> <li>– Comprehension of methodology and of planning process in context of viability</li> <li>– Urban location research and observation and resolving of complex relation between the criteria and requirements of development project function/contents and different characteristics and values of the surrounding the development process is taking place in.</li> <li>– Comprehension, defining and use of the sustainability criteria for the purpose of recognition of elements of viability of the solution as well as determination of the effects the changes shall cause to the environment.</li> </ul>			
Course brief:	<p><b><u>Theoretical education:</u></b></p> <p>Introduction to the basic issues concerning the role, scope and domain of sustainability.</p> <p>Introduction to the elements and contents of planning in relation to the physical space in context of viability. Acquiring knowledge on sustainable development and viable city, as well as on manners and methods of directing of development in accordance with the viability doctrine.</p> <p>Acquiring knowledge on procedures for determination of purposes of construction in city locations, the importance of consideration of environmental impact, acquiring information concerning lifetime of physical structures and possibilities for their replacement as well acquiring knowledge concerning possibilities for changing of functional and physical structure of settlements.</p> <p>Acquiring knowledge on functional and spatial parameters.</p> <p>Basic issues are related to the sustainability of the environment/social sustainability/spatial-settlement sustainability, planning and construction of the sustainable city: characteristics, advantages, barriers, forms, sustainable urban design- viability criteria and standards, urban renewal in context of sustainable development, methodology and planning process, city location, determination of purposes and construction.</p> <p>1) Sustainability of the environment/ social sustainability / spatial-settlement viability. 2) The participants in the “sustainable play” – interests and conflicts. Advantages and impediments. 3) The sustainable communities. 4) The sustainable city: characteristics, advantages, barriers, forms. 5) Sustainable urban design – viability criteria and standards. 6) Urban renewal in context of sustainable development.</p> <p><b><u>Practical education:</u></b></p> <p>/</p>			
Literature:	<p>The lecturer prepares set of selected articles or books related to each topic which are deposited in the library of the Faculty of Architecture at the beginning of a semester. Selection of literature may vary from year to year.</p>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	<p>Instruction is conducted in form of <i>ex-cathedra</i> lectures.</p>			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	points	Final exam	points	
Activity during lecturing		Written exam	70	
Practical classes		Oral exam		
Colloquia	30			
Seminar-s				

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	THEORY OF URBAN DESIGN		
Teacher:	Associate professor PhD Jelena A. Živković		
Type of course:	Compulsory		
ECTS:	3		
Preconditions:	/		
Objectives:	<p>The objective of the course is to introduce students to different theoretical concepts, issues and dilemmas of urban design. The focus is on overview on different approaches of recognition of character, purpose, role and contents of urban design in relation to economic, social, cultural and natural-ecological conditions of urban design.</p>		
Learning outcomes:	<p>The students acquire skills and information on:</p> <ul style="list-style-type: none"> <li>– Different theories, concepts, topics and dimensions of urban design</li> <li>– Different contemporary issues, problems and discussions in the field of urban design</li> <li>– The students develop skills to comprehend of the discipline of urban design in relation with social, economic, political, ecological, cultural and other factors and conditions as well as in correlation with specific contexts of urban design development</li> <li>– The students develop skills for critical thinking</li> </ul>		
Course brief:	<p><u>Theoretical education:</u>          The course includes consideration of different issues and theoretical concepts of urban design, such as:</p> <ul style="list-style-type: none"> <li>– Social, formal and environmental theories; place theories, connecting and building theories</li> <li>– Urban design dimensions in theoretical concepts: morphological, perceptual, social, visual, functional, ecological, temporal;</li> <li>– Urban design topics and relation to the theory: genesis and creation of structure, urban typology, density and viability; accessibility, legibility, , function and harmonization, integrativity, complexity; character and significance; continuity and change; security and accessibility; order and coincidence; character and level of space control; qualities of public spaces...</li> <li>– Modern phenomena, problems and new approaches to design of urban spaces</li> </ul> <p><u>Practical education:</u>          /</p>		
Literature:	<ul style="list-style-type: none"> <li>– Елин Нан (2002) Постмодерни урбанизам. Орион, Београд</li> <li>– Carmona M., Tiesdell S. (2007), Urban Design Reader, Elsevier, UK</li> </ul>		
Active training classes no.:			Other:
Lectures: 2	Practical classes: /	Other teaching forms: /	Studio research: /
Teaching methodology:	<p>The instruction is organized in form of lectures and student discussions during classes.          Testing of knowledge: 2 short written papers (preliminary examinations) and examinations (written or oral).</p>		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	20	Written exam	40
Practical classes		Oral exam	
Colloquia	2 x 20 = 40		
Seminar-s			

Study programme:	Master academic studies Integral Urbanism			
Type and level of studies:	Master academic studies			
Course:	METHODOLOGY OF URBAN DESIGN			
Teacher:	Associate professor PhD Aleksandra M. Đukić			
Type of course:	Compulsory			
ECTS:	4			
Preconditions:	/			
Objectives:	The course introduces students to application of different research methods in the field of urban design (descriptive, correlative, experimental). The students acquire skills important for work in the field of urban design, i.e. they develop knowledge concerning systematization and implementation of different methods of urban design, as well as skills to work in practice on urban plans and projects.			
Learning outcomes:	<p>Through the instruction process the students should:</p> <ul style="list-style-type: none"> <li>– Acquire knowledge on different methods of urban design and possibilities of their implementation on practice.;</li> <li>– Develop skills for work in regime of high autonomy and cooperation;</li> <li>– Develop capacity to apply the acquired knowledge in work in studio and in practice;</li> <li>– Develop skills necessary for communication in verbal, written, graphical and digital form.</li> </ul>			
Course brief:	<p><b><u>Theoretical education:</u></b>          Summary of the research methods and techniques applied in the field of urban design.</p> <p><b><u>Practical education:</u></b>          The students are instructed to apply different methods and techniques – space syntax, mental mapping, associative method, parametric urbanism; they are qualified for qualitative and quantitative research and instructed on correct manners of organizing research as well as defining the criteria for assessment of the optimal solution. The students master knowledge necessary for presentation of variant solutions- the development and result scenarios. Testing is performed during practice and on concrete sites.</p>			
Literature:	<ul style="list-style-type: none"> <li>– Bill Hillier: Space is the Machine: a configurational theory of architecture, Cambridge University Press, 1999</li> <li>– Bill Hillier, Julienne Hanson: The Social Logic of Space, Cambridge University Press, 1989</li> <li>– Christopher A, Ishikawa S., Silverstain M.: A Pattern Language, Oxford University Press, New York, 1977.</li> <li>– Cuthbert, A.R.: Designing Cities, Wiley-Blackwell, 2003.</li> <li>– Gehl, J. et all.: Towards a fine City for People:Public Spaces and Public Life - London. 2004</li> <li>– Gehl, J. et all.: Places for People: Melbourne. 2004 What are we scared of? The value of risk in designing public space. CABE, 2005.</li> <li>– Gindroz, R., Levine K.: The urban design handbook: techniques and workingmethods, Norton, 2002.</li> <li>– Lang, T. Jon: Urban Design – a typology of procedures and products, Architectural Press, Oxford, 2005.</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	2	/	/	
Teaching methodology:	Instruction is performed in form of interactive, multimedia lectures (ex-cathedra, discussion, polls), as well as in form of group activities during practice and elaboration of acquired knowledge and knowledge presentation (preliminary examinations), Knowledge is tested on a concrete sites.			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	points	Final exam	points	
Activity during lecturing	10	Written exam		
Practical classes	20	Oral exam		
Colloquia	2 x 10 = 20	Feasibility study	50	
Seminar-s				

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	[IPO2] INTEGRAL URBAN DESIGN		
Teacher:	Associate professor PhD Uroš B. Radosavljević		
Type of course:	Compulsory		
ECTS:	12		
Preconditions:	Passed examination in <i>Integral analysis of territory</i> .		
Objectives:	Research – By designing activities in studio conditions applied on reprogramming and reshaping the space, the students are offered new insights in contemporary paradigms of the urban design which include participation of the protagonists (interested parties) in creation, reprogramming and reshaping the space in pluralistic society.		
Learning outcomes:	After completion of the course the students shall be skilled to: comprehend the key contemporary disciplinary issues related to integral approach to urban design aimed at viability of solutions and environmental protection.; Recognize and implement the basic methods of integral approach in the process of analysis and creation of solutions in urban design; to apply practical knowledge on principals of integral creative solutions for complex urban situations; to implement knowledge on inclusion of partners, creation of organizational arrangements, financing and use of mechanisms necessary for implementation in the process of urban design; to evaluate integral solutions in different manner, to follow the process and quality of goals and indicators directed to solution performance and implementation.		
Course brief:	<p><u>Theoretical education:</u>          Acquiring new knowledge and skills is based on contemporary paradigms of urban design which include participation of protagonists (interested parties) in creation, reprogramming and reshaping of space in interconnected and pluralistic society.          The above said implies possession of knowledge and skills for achieving consensus on common interest for re-creation of space as well as on different manners of communication i.e. on creation of basis for mutual understanding through open communication and free access to information concerning possibilities of realization of different interests within the same space (by achieving consensus and creation of a joint vision), to recognize different options and scenarios of reprogramming and reshaping the space, to comprehend the importance of establishment of rules of behavior and construction in accordance with the recognized visual identity and space brand.</p> <p><u>Practical education:</u>          ...</p>		
Literature:	<ul style="list-style-type: none"> <li>– ВАСОН, Е.Н.: Design of cities, Thames &amp; Hudson, London, 1967.</li> <li>– ВАНИШТА ЛАЗАРЕВИЋ, Е. (1999) Урбана реконструкција, Београд, Задужбина Андрејевић</li> <li>– ЂОКИЋ, В. (2004) Град и градски трг, Београд, Архитектонски факултет Универзитета у Београду</li> <li>– ЂУКАНОВИЋ, З. и ЖИВКОВИЋ, Ј. (2008) Јавна уметност и креирање места: студија случаја - Београд, Градска општина Стари Град, Београд, Архитектонски факултет Универзитета у Београду</li> <li>– ЛАЗАРЕВИЋ БАЈЕЦ Н. МАРУНА М.(2009.) Стратешки урбани дизајн и културна разноликост, Београд, Архитектонски факултет Универзитета у Београду</li> <li>– RADOSAVLJEVIĆ, U. (2008) Conditions influencing waterfront development and urban actors capacity as a strategic response IAUS, International review Spatium, No 17-18, pp. 78-83</li> <li>– THOMAS, R. &amp; FORDHAM, M. (ed.) Sustainable Urban Design: an environmental approach, Spon Press, London, New York, 2005</li> </ul>		
Active training classes no.:			Other:
Lectures: /	Practical classes: /	Other teaching forms: 8	Studio research: 2
Teaching methodology:	The studio activities are conducted in form of discussions, workshops, student presentations, depending on the phase of research-project process. The classes are held in three instruction blocks during a semester and work is aimed at research, development of solutions and evaluation of the results achieved.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing		Written exam	
Practical classes	50	Oral exam	
Colloquia	2 x 10 = 20	Research project	30
Seminar-s			

Study programme:	Master academic studies Integral Urbanism			
Type and level of studies:	Master academic studies			
Course:	[IP02] TECHNIQUES AND TOOLS 2 – COMMUNICATION AND COOPERATION IN THE PARTICIPATIVE PROCESS OF URBAN PLANNING			
Teacher:	Associate professor PhD Ksenija Ž. Lalović			
Type of course:	Compulsory			
ECTS:	3			
Preconditions:	Examination passed in <i>Techniques and tools 1</i> .			
Objectives:	<p>Techniques and tools for establishment of good communication and supporting participation and cooperation of all participants in urban development are a premise of urban planning and design efficiency and premise for efficient implementation of plans and projects as well as the constituent element of the professional profile of the modern urban -planner. The role of an urban-planner in current circumstances surpasses joint group of expert jobs, and is expanded on tasks of facilitation of the planning process. In these terms:</p> <ul style="list-style-type: none"> <li>– The basic objective of the course is introduction, gaining knowledge and mastering the fundamental techniques and analytic and organizational procedures of facilitation and mediation in the participative process of urban planning and design.</li> <li>– The operative goal of the course is introduction to and mastering use of basic tools for the procedure of planning and organization of participative process and system of informing of the participants.</li> </ul>			
Learning outcomes:	<p>Comprehension of the role and complexity of practical professional tasks of the urban-planner in management of participative process of urban planning and design.          Capability to recognize and select the participative techniques and adequate communication tools suitable for the considered problem context in the process of urban planning and design..          Acquiring knowledge on procedures of using techniques and tools, their complexity, the resources and conditions required for their implementation.          Mastering skills to use basic techniques in concrete, given urban context.          Mastering skills of forming information platform for communication and cooperation.</p>			
Course brief:	<p><b><u>Theoretical education:</u></b>          The course includes topic units from TIS system for support of decision making based on GIS technologies, analysis of stakeholders, identification and preparation of participation organization and techniques, techniques of preparation and implementation of group processes: of visualisation, problem analysis and development possibilities, prioritization of the problems through dialogue technique, the procedure of analysis of power fields, analysis of goal matrixes etc, communication development and conflict management through mediation and negotiations.</p> <p><b><u>Practical education:</u></b>          The course includes practical work concerning use of basic tools and professional trainings, simulated or performed in practice in the context of given urban site.</p>			
Literature:	<ul style="list-style-type: none"> <li>– Yanow, D. &amp; Schwartz-Shea, P., 2011, Interpretive Approaches to Research Design: Concepts and Processes. Routledge</li> <li>– Savin-Baden, M. &amp; Howell Major, C., Ed., 2010, New Approaches to Qualitative Research: Wisdom and Uncertainty. Routledge</li> <li>– Greene R. W., 2000, GIS in Public Policy, Using Geographic Information for more Effective Government, ESRI Press, Redlands</li> <li>– O'Looney J., 2003, Beyond maps, GIS and Decision Making in Local Government, ESRI Press, Redlands, California</li> <li>– Scally P., 2006, GIS for Environmental Management, ESRI Press, Redlands, California</li> <li>– Thomas C., Humenik-Sappington N., 2008, GIS for Decision Support and Public Policy Making ESRI Press, Redlands, California</li> <li>– Banger S., 2001, Integrating GIS with web for public participation, Hope Technologies, New Delhi, India.</li> <li>– Batty M., Densham P., 1996, Decision support, GIS and urban planning, Centre for Advanced Spatial Analysis, University College London</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
1	2	/	/	
Teaching methodology:	The students are instructed in form of interactive lectures, practical work in the field, simulation trainings in concrete given urban context selected as the topic of the integral project.			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	points	Final exam	points	
Activity during lecturing	10	Written exam		
Practical classes	30	Oral exam	30	
Colloquia	30			
Seminar-s				

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	[IPO2] SEMINAR		
Teacher:	Associate professor PhD Zoran N. Đukanović		
Type of course:	Compulsory		
ECTS:	2		
Preconditions:	/		
Objectives:	The basic objective of the seminar is to instruct students on general issues in the field of urbanism. Through choice of current urban problems in Serbia/EU, the students are given overview of the most significant topics and issues in the sphere of urbanism.		
Learning outcomes:	<p>By attending the seminar the students shall be trained to comprehend:</p> <ul style="list-style-type: none"> <li>– The integrative strategies, institutional framework and implementation,</li> <li>– The process of decision making and creation of recommendations in accordance with other relevant factors</li> <li>– Political background of decision making and work within democratic structure of decision making</li> <li>– Short-term and long-term planning and the impact they have on those the planning is performed for</li> <li>– High-quality spatial design, recognition of assets the society gains by this kind of design, evaluation of effects of alternative decisions</li> <li>– Intervention measures related to spatial planning, gaining knowledge from past experiences acquired within different socio - economic, cultural and political contexts.</li> </ul>		
Course brief:	<p><u>Theoretical education:</u></p> <p>The seminar is held in form of one-week courses dealing with one current topic taken from the urban practice. The courses are held by different visiting lecturers who give lectures related to the issues from the field of urbanism or related domains. The issues the lectures deal with during each seminar are chosen with the objective to give general review of knowledge necessary in the field of urbanism.</p> <p><u>Practical education:</u></p> <p>/</p>		
Literature:	Each seminar is dedicated to one topic unit, dealt with from 15 different aspects. The lectures are published in form of collected papers that represent a reader for students during the semester in question.		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
/	/	/	1
Teaching methodology:	The seminar is organized in form of one-week courses consisting of 15 lectures given by lecturers from different fields. The students have obligation to attend the course and participate in discussions. The students independently apply acquired knowledge to a studio project.		
<b>Knowledge evaluation (maximum 100 points)</b>			
Pre-exam requirements	points	Final exam	points
Activity during lecturing		Written exam	
Practical classes		Oral exam	
Colloquia		Poster submission	30
Seminar-s	70		

Study programme:	Master academic studies Integral Urbanism			
Type and level of studies:	Master Undergraduate academic studies			
Course:	PUBLIC SPACE AS PUBLIC GOOD			
Teacher:	Assistant professor PhD Vera Backović			
Type of course:	Compulsory			
ECTS:	2			
Preconditions:	/			
Objectives:	Introduction to theoretical-methodological framework, in different practices of organizing public policies and city finances management in domain of urban development (construction site policy, policy of municipal services, public services policy). Different views and forms of operationalization of the concept of public property and public interest in urban space.			
Learning outcomes:	<ul style="list-style-type: none"> <li>– Gaining knowledge on principals, instruments, mechanisms and methods of public policies, public finances and investing in the strategic projects important for urban development</li> <li>– Mastering techniques of evaluation of investing in development and in other programs concerning urban space, taking into account the public interest and justifiability of investing funds coming from the public sources.</li> <li>– Acquiring insight in different public policies and their effects on social, economic, demographic, cultural and other aspects of development in urban environments.</li> </ul>			
Course brief:	<p><b><u>Theoretical education:</u></b></p> <ul style="list-style-type: none"> <li>– Public policies important for urban and spatial development (circumstances, objectives, transformations, instruments and measures, management/management and monitoring) — construction site policy; policy of development of municipal economy (ownership-organizational solutions, price policy, financing, economic regulation, restructuring, the effects of privatization); public service policies; evaluation of the analyzed public policies, evaluation methods; harmonization of policies and implementations; investment and strategic management – approach, principals, methods (C/B, LFA, NSV, risks etc.)</li> <li>– Public finances — basic concept; public revenues and expenditures; the role of the instrument of land policy in city development; market, institutional-organizational, socio-economic, urbanistic aspects; budget (principals, sources, procedure); local public finances (budget, sources, instruments, management and control).</li> <li>– Public services — The role and importance of public services; human rights and public services; approaches and practice of organizing public services in EU countries; the quality of public services and urban character of settlements.</li> </ul> <p><b><u>Practical education:</u></b></p> <p>/</p>			
Literature:	Obligatory and additional literature shall be processed.			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	<i>Ex-cathedra</i> lectures.			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	points	Final exam	points	
Activity during lecturing		Written exam	60	
Practical classes		Oral exam		
Colloquia	2 x 20 = 40			
Seminar-s				

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	PLANNING THEORY		
Teacher:	Associate professor PhD Marija L. Maruna		
Type of course:	Compulsory		
ECTS:	3		
Preconditions:	/		
Objectives:	<p>The course is directed at two basic goals:</p> <ul style="list-style-type: none"> <li>– Insight in theoretical and practical means of comprehension of the role of urban planning in forming of the modern cities</li> <li>– Acquiring skills to use the theoretical knowledge in solving practical problems in urbanism.</li> </ul>		
Learning outcomes:	<ul style="list-style-type: none"> <li>– Acquisition of skills for critical consideration of various forms of urban intervention</li> <li>– Recognition and identifying of the factors influencing changes in character of planning in the contemporary global society</li> <li>– Introduction to alternative forms of professional work</li> <li>– Establishment of articulated personal position in relation to the profession</li> </ul>		
Course brief:	<p><b><u>Theoretical education:</u></b></p> <ul style="list-style-type: none"> <li>– Current issues in city development and the solutions offered by the planning practice;</li> <li>– Insight in the place and role of planning in city development;</li> <li>– Comprehension of the system and process of planning within particular socio-historical and cultural contexts;</li> <li>– Getting insight in different models of directing city development and their practical application;</li> <li>– The role of planning in the developed world, developing countries and the socialist countries;</li> <li>– The place of urban intervention in the process of bringing decisions concerning spatial development;</li> <li>– The process of decision making- political, institutional, bringing decisions concerning spatial, infrastructural and technological interventions;</li> <li>– The process and the product of planning;</li> <li>– Comprehension of different roles the urban-planners have in the society;</li> <li>– Ethical basis of the profession of urban-planner: the problem of public interest.</li> </ul> <p><b><u>Practical education:</u></b></p> <p>/</p>		
Literature:	<ul style="list-style-type: none"> <li>– Беговић, Б. (1995) Економика урбанистичког планирања, Београд: ЦЕС МЕКОН.</li> <li>– Вујошевић, М. (2002) Новије промене у теорији и пракси планирања, Београд: ИАУС</li> <li>– Faludy, A. (1973). Planning theory. Oxford: Pergamon.</li> <li>– Лазаревић Бајец Н. (2000) Теорија планирања. Београд: Архитектонски факултет (textbook)</li> <li>– Healey, P. (1997). Collaborative Planning: Shaping Places in Fragmented Societies. University of British Columbia Press.</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	/
Teaching methodology:	<p>The work is directed on discussions concerning theoretical sources and special cases from the planning practice. The instruction is conducted in form of ex-cathedra lectures and discussions during classes. The examination is taken in form of seminar paper dealing with joint role of theory and practice of planning.</p>		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written exam	
Practical classes		Oral exam	
Colloquia	2 x 15 = 30	Seminar paper	60
Seminar-s			



Study programme:	Master academic studies Integral Urbanism			
Type and level of studies:	Master academic studies			
Course:	METHODOLOGY OF PLANNING			
Teacher:	Assistant professor PhD Danijela Milovanović Rodić			
Type of course:	Compulsory			
ECTS:	4			
Preconditions:	/			
Objectives:	Introduction to basic quantitative and qualitative methods used in planning and comprehension of: (1) the role they have in analysis and decision making concerning spatial development; (2) presumptions of technical characteristics and their limitations.			
Learning outcomes:	<p>The students acquire skills to:</p> <ul style="list-style-type: none"> <li>– Identify correctly the problem of planning</li> <li>– Define information necessary for resolving a problem and type of analysis needed</li> <li>– Develop and analyze the alternative responses needed for solving problems</li> <li>– Comprehend the changes occurring in the field of planning methodology</li> <li>– Develop skills to evaluate and select the adequate method</li> <li>– Comprehend the impact of implementation of certain decisions and programs on spatial development.</li> </ul>			
Course brief:	<p><b><u>Theoretical education:</u></b></p> <p>The methods are considered within the rational and collaborative models of planning and within different forms of planning: strategic, general, regulation planning. The students acquire insight into the methods of</p> <ul style="list-style-type: none"> <li>– Analysis (data, qualitative and quantitative, statistics, type of data and their correlation), demographic analysis, GIS, trends, decision analysis (policy analysis), land usage analysis,</li> <li>– Defining of the planning problem</li> <li>– Defining of objectives: hierarchy, scenario, rationale and participative approach</li> <li>– Forming the plan proposal: optimization, prediction, speculations</li> <li>– Assessments and evaluations: testing, simulation, evaluation</li> <li>– Monitoring and implementation: activity plans, projects....</li> </ul> <p><b><u>Practical education:</u></b></p> <p>...</p>			
Literature:	<ul style="list-style-type: none"> <li>– Bracken, I. (1981, 2007). Urban Planning Methods: Research and Policy Analysis. London, New York: Methuen, (Routledge Library Editions: The City)</li> <li>– Patton, Carl V. and David S. Sawicki (1993) Basic Methods of Policy Analysis and Planning. 2nd edition, Prentice Hall: Englewood Cliffs</li> <li>– Тошковић, Д. (1986) Увод у методе анализе и синтезе</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	2	/	/	
Teaching methodology:	Instruction includes ex-cathedra lectures, discussions and practice. In practice classes the students discuss on different selected issues and create several smaller practical works.			
<b>Knowledge evaluation (maximum 100 points)</b>				
Pre-exam requirements	points	Final exam	points	
Activity during lecturing	10	Written exam	50	
Practical classes	20	Oral exam		
Colloquia	20			
Seminar-s				

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	[IPO3] INTEGRAL URBAN STRATEGIES		
Teacher:	Associate professor PhD Ksenija Ž. Lalović		
Type of course:	Compulsory		
ECTS:	12		
Preconditions:	Examination in IPO2.		
Objectives:	<p>The complex character of the urban contexts and of their dynamics, change of requirements concerning the profession of planning, flexibility in using different planning methods, techniques and tools, the capacity of planning, organization and facilitation of formal and informal group communication and cooperation processes, development protagonists. In these terms: The course objective is to introduce the students to the integral approach in local development, as well as the nature and characteristics of the planning process in the complex urban context, from recognition of key development aspects, forces and processes to formulating creative strategies of urban development management and for creation of strategic plans and projects.</p>		
Learning outcomes:	<ul style="list-style-type: none"> <li>– Comprehension and recognition of the relevant aspects in the complex urban context in integral manner which takes into account the conditions and processes in the environment and within socio-economic life of the community.</li> <li>– Development of capacity to recognize and comprehend the structure of interests and power of the development protagonists active in the given context.</li> <li>– Gaining knowledge concerning urban development instruments and their interrelations and institutional establishment within the given urban context.</li> <li>– Mastering skills of creation of the planning process context by applying different planning methods, techniques and tools suitable for specific contexts, local development forces and available resources.</li> <li>– Mastering of skills to formulate creative management and planning strategies of urban development within complex urban context.</li> <li>– Mastering skills to apply techniques and tools to support group decision making and formulating the planned solutions.</li> </ul>		
Course brief:	<p><b><u>Theoretical education:</u></b>          The course includes professional applicative research of the complex urban context, procedure of analysis and interpretation of phenomena and dynamics of changes, identification of institutional framework and structure, of development protagonists and their interests and power, manners of resolving possible conflicts, defining of sustainable development strategies and concrete measures, creation of proposals of strategic projects and elaboration of characteristic parts of planning design documentation, recommendations for implementation of participative decision making process and activity planning, mechanisms of monitoring and implementation evaluation.</p> <p><b><u>Practical education:</u></b>          ...</p>		
Literature:	<ul style="list-style-type: none"> <li>– Беговић, Б., Ваџић, З., Лазаревић Бајец, Н., Раичевић, Б., Рогановић, М., Симић, А., et al., 2002, Принципи модерног управљања локалном заједницом. Београд: Центар за либерално демократске студије</li> <li>– Стојков, Б., Лазаревић Бајец, Н., Суботић, С., Марић, М., Вујошевић, М., Дерић, Б., et al. „2004,. Планирање развоја локалне заједнице. Београд: Институт за просторно планирање Географског факултета универзитета у Београду, Асоцијација просторних планера Србије</li> <li>– Albrechts L., 2005, Creativity in and for Planning, Planning Theory, 4(3), SAGE Publications, Ltd.</li> <li>– Laurini R., 2001, Information Systems for Urban Plannig, Taylor and Francis, London Zanelli K., Feaster L., 2003, Community Geography, GIS in Action, ESRI Press, Redlands, California</li> <li>– Klosterman R., Brail R., 2001, Planning Support Systems, ESRI</li> </ul>		
Active training classes no.:			Other:
Lectures: /	Practical classes: /	Other teaching forms: 8	Studio research: 2
Teaching methodology:	<p>The instruction is conducted in form of gaining knowledge through work in concrete, real urban context. The instruction includes practical research work in the field, discussion workshops and practical work on creation of planning documents.</p>		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing		Written exam	
Practical classes	10	Oral exam	
Colloquia	30	Feasibility study	60
Seminar-s			

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	[IPO3] URBAN MANAGEMENT		
Teacher:	Associate professor PhD Uroš B. Radosavljević		
Type of course:	Compulsory		
ECTS:	3		
Preconditions:	/		
Objectives:	<p>The course is aimed at introduction to the process, methods and instruments of planning, organization and control of urban development and mastering information and skills necessary for solving problems through examination of possibilities of development of structure of urban systems. The instruction is focused on comprehension of management processes, methods and instruments: planning, organization and control of urban development in the context of improving quality of life and environmental protection.</p>		
Learning outcomes:	<p>After completing the course the student shall be capable to:</p> <ul style="list-style-type: none"> <li>– Comprehend the processes, methods and instruments of urban marketing</li> <li>– Comprehend the problems of urban development management</li> <li>– Comprehend the complexity of management process, comprised of various sub-processes and participation of different individuals</li> <li>– To identify management problems and phenomena related to efficient execution of particular tasks and activities.</li> </ul>		
Course brief:	<p><u>Theoretical education:</u></p> <ul style="list-style-type: none"> <li>– Theoretical basis of the management function – Pluralistic basis of development management; informatical basis of development management, technological-market starting point of development management; criteria and mechanisms of development management.</li> </ul> <p><u>Practical education:</u></p> <ul style="list-style-type: none"> <li>– Problem-operative basis of urban development management – The process of creation (production) of urban space; selection and decision-making process; conceptual approaches to forming of urban and regional development; operative level of implementation of management function; model basis of urban and regional development management; business systems of urban and regional development management.</li> <li>– Methodological basis of market approach to urban and regional development management. Strategic basis of pluralistic-market development; determination of policy of urban and regional development; procedures and techniques of marketing; operative activities of implementation of market objectives.</li> <li>– Model-conceptual basis of forming of management territory –Multidimensional multilevel approaches to establishment of management trajectory; models of integral management trajectories; concepts of discovering future regional and urban development; fields and forms of behavior of urban and regional structures.</li> <li>– Starting points of urban marketing – essential comprehension of the marketing: skills of profitmaking, truthfulness. Target function of marketing: exchange, upgrading, profit, manners of marketing function realization: policies, strategies, operations, mechanisms. Competitiveness – quality, competency, competitiveness, structure of the protagonists: owners, employees, buyers-consumers, state.</li> <li>– Postulates of market activities – logicity –feasibility – creativity, efficiency, profitability, cooperativity, timeliness, integrity, interactivity, Future shaping –acting in reality. Right of choosing – the process of selection.</li> </ul>		
Literature:	<ul style="list-style-type: none"> <li>– Hanaki, K. (Ed.) (2008). Urban Environmental Management and Technology. Springer: Japan</li> <li>– Russell, J. (Ed.) (1974). Cases in Urban management. Harvard Business School</li> <li>– Pieter van Dijk, M. (2006). Managing cities in Developing Countries: The theory and Practice of Urban management. Edward Elgar Publishing limited: UK</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
1	2	/	/
Teaching methodology:	The classes are held in form of ex-cathedra lectures, discussions and practice.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written exam	
Practical classes	20	Oral exam	
Colloquia	2 x 10 = 20	Feasibility study	50
Seminar-s			

Study programme:	Master academic studies Integral Urbanism		
Type and level of studies:	Master academic studies		
Course:	[IPO3] SEMINAR		
Teacher:	Associate professor PhD Zoran N. Đukanović		
Type of course:	Compulsory		
ECTS:	2		
Preconditions:	/		
Objectives:	The basic objective of the seminar is to introduce students to the general issues from the field of urbanism. The objective is to achieve comprehension of social, economic and environmental relations within different political and cultural contexts.		
Learning outcomes:	<p>By attending the seminar students shall develop comprehension of:</p> <ul style="list-style-type: none"> <li>– Natural environment, its value for the society and relation with economic and political events</li> <li>– Relation between market, the constructed form, different development models and trends, significance of economic and financial consequences on alternative development strategies.</li> <li>– Different impact the decisions have on different people</li> <li>– Cultural variety and ideology</li> <li>– Sustainable planning and design</li> <li>– The concept of right, balance between individual and collective rights, legal effects of the rights on decisionmaking</li> <li>– The role of stakeholders and public participation in the planning process</li> <li>– Expert opinion and independent professionals views</li> <li>– Managerial skills</li> </ul>		
Course brief:	<p><u>Theoretical education:</u>          The seminar is organized in form of one-week courses dealing with one particular current topic from urban practice. The course is held by different visiting lecturers, specialists in urbanism and the related fields. The issues dealt with during one seminar are selected in such a way to give general summary of the necessary skills and information from the field of urbanism.</p> <p><u>Practical education:</u>          /</p>		
Literature:	Each seminar deals with one topic dealt with from 15 different aspects. The lectures are published in form of collection of papers and represent a reader for students during the semester in question.		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	1
Teaching methodology:	The seminar is held in form of one-week courses consisting of 15 lectures held by lecturers specialized in different fields. The students have obligation to attend the seminar and participate in discussions. The students independently implement knowledge acquired during lectures in their studio projects.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing		Written exam	
Practical classes		Oral exam	
Colloquia		Poster submission	30
Seminar-s	70		

<b>Study programme:</b>	Master academic studies Integral Urbanism			
<b>Type and level of studies:</b>	Master academic studies			
<b>Course:</b>	PROFESSIONAL INTERNSHIP			
<b>Teacher:</b>	Associate professor PhD Biserka Č. Mitrović			
<b>Type of course:</b>	Compulsory			
<b>ECTS:</b>	2			
<b>Preconditions:</b>	All courses passed.			
<b>Objectives:</b>	The course is mainly aimed at acquisition of practical experience. Experience offered by planning, consulting, public and other institutions which participate in Serbian i.e. European planning system give students a chance to develop skills of reaching decisions concerning planning in fast and efficient manner. Professional practice offers students the possibility to acquire additional knowledge on practical procedures of decision making and insight in proportion of impact of decision making procedures on quality of urban solutions.			
<b>Learning outcomes:</b>	Comprehension of the current practice of urban planning and design; Insight in socio-economic context of urban intervention; Capacity of integration of acquired knowledge; Implementation of acquired skills; Team work skills; Awareness of role of the urban-planner in contemporary society; Comprehension of professional ethics and of codex of behavior.			
<b>Course brief:</b>	The students independently chose institutions, organizations, companies and other bodies dealing with urban planning and design. Students continuously follow activities of the chosen institution and keep record on work results.			
<b>Literature:</b>	The students are instructed to use concrete documents of institutions where the practice is performed.			
<b>Active training classes no.:</b>				<b>Other:</b>
Lectures:	Practical classes:	Other teaching forms:	Studio research:	60
/	/	/	/	
<b>Teaching methodology:</b>	The classes are held through two-week practice in institutions, organizations, companies and other bodies (8 hours a day). Upon practice completion, a student creates a feasibility study.			
<b>Knowledge evaluation (maximum 100 points)</b>				
<b>Pre-exam requirements</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>	
Activity during lecturing		Written exam		
Practical classes	70	Oral exam		
Colloquia		Feasibility study	30	
Seminar-s				

<b>Study programme:</b>	Master academic studies Integral Urbanism			
<b>Type and level of studies:</b>	Master academic studies			
<b>Course:</b>	MASTER THESIS			
<b>Teacher:</b>	All			
<b>Type of course:</b>	Elective			
<b>ECTS:</b>	6			
<b>Preconditions:</b>	All courses passed.			
<b>Objectives:</b>	The course is aimed at introducing the students with process of creation of research projects as well as to establish theoretical and methodological basis for individual final master projects.			
<b>Learning outcomes:</b>	<ul style="list-style-type: none"> <li>– Qualifying students for independent research work through application of acquired knowledge in order to outline a research in the field of urbanism.</li> <li>– Development of skills of logic judging, forming hypothesis, sorting information and making conclusions.</li> <li>– Training students for presentation of research work.</li> </ul>			
<b>Course brief:</b>	<p>Master thesis is a course designed to train students for independent research, to acquire insights in different research approaches and methods, referencing conventions and forms of presentation of a research work.</p> <p>Theoretical classes include: analysis of conditions in domain of research, review of current issues/problems in the field of research, research activity plan, basis of literature research, basic methodological research approaches, basic methods of data collection, approaches to analysis, interpretation and presentation of research results.</p> <p>Activities during the course include independent research work in the selected main field in domain of which a student selects and defines a topic, makes a summary of different theoretical approaches and past researches of the selected topic, forms theoretical framework of work, defines methodological approach and selects an adequate method of research of proposed master project topic. The result of work is formulation of thesis and defining the research project. The thesis is considered and formulated in relation to current theoretical and practical problems of urban development. A research project is a result of integral approach towards topic exploration.</p>			
<b>Literature:</b>	Literature is chosen in accordance with the research topic.			
Active training classes no.:				Other:
Lectures: 5	Practical classes: /	Other teaching forms: /	Studio research: /	
<b>Teaching methodology:</b>				
Master thesis is realized through lectures, student's research activities and advising work. A master thesis is defended before the board.				
<b>Knowledge evaluation (maximum 100 points)</b>				
<b>Pre-exam requirements</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>	
Activity during lecturing		Written exam		
Practical classes		Oral exam		
Preliminary examinations/s	30	Master thesis	70	
Seminar-s				

<b>Study programme:</b>	Master academic studies Integral Urbanism		
<b>Type and level of studies:</b>	Master academic studies		
<b>Course:</b>	MASTER PROJECT		
<b>Teacher:</b>	All		
<b>Type of course:</b>	Elective		
<b>ECTS:</b>	12		
<b>Preconditions:</b>	All courses passed.		
<b>Objectives:</b>	The master project is aimed at qualifying students for application of integral approach in research and formation of urban space and in urban development direction.		
<b>Learning outcomes:</b>	<ul style="list-style-type: none"> <li>– Qualifying students to apply theoretical knowledge in implementation of a concrete task in domain of urbanism.</li> <li>– Training a student to research in integral manner and to present in systematic way the research results concerning a selected topic.</li> <li>– Qualifying a student to apply integral approach to urban development and to consider, in well- argued manner, formulate, present and defend modalities of responses to the researched problems.</li> <li>– Qualifying a student to implement adopted knowledge in practice.</li> </ul>		
<b>Course brief:</b>	<p>Master thesis is a course designed to train students for independent research, to acquire insights in different research approaches and methods, referencing conventions and forms of presentation of a research work. A master project is independent work on application of integral approach in research and forming of urban space and directing urban development within framework of the topic the master thesis is dealing with.</p> <p>Work on a master project represents synthesis of previously acquired knowledge and skills and implies use of acquired knowledge and skills in research and practical work within the selected main field, within the selected topic and within certain development concept concerning the defined research site.</p> <p>Practical instructions include research and applicative segment of work on a project within theoretical and methodological framework defined by master thesis.</p>		
<b>Literature:</b>	Literature is chosen in accordance with the research topic.		
<b>Active training classes no.:</b>			<b>Other:</b>
Lectures: /	Practical classes: /	Other teaching forms: /	Studio research: 15
<b>Teaching methodology:</b>	A master project is realized through practical work, research work and advisor's activities. A master project is presented and defended before the board.		
<b>Knowledge evaluation (maximum 100 points)</b>			
<b>Pre-exam requirements</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Activity during lecturing		Written exam	
Practical classes		Oral exam	
Preliminary examinations/s	30	Master project	70
Seminar-s			

# ELECTIVE COURSES



Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE		
Type and level of studies:	Master academic studies		
Course:	CONTEXTUAL ARCHITECTURE		
Teacher:	Professor Ph.D. Eva J. Vaništa Lazarević		
Type of course:	Elective		
ECTS:	2		
Preconditions:	/		
Objectives:	Understanding of architecture as a resultant of impacts of the environment (natural and social) on the one hand, and impacts of man (the whole system of human needs) on the other hand; understanding of architecture as a creative force of architect (creator of beauty) – the architect as a link past-present-future.		
Learning outcomes:	Training students to understand architecture as a unity of its artistic and exact-empirical components.		
Course brief:	<p><u>Theoretical education:</u>          Introduction to researching methods in the field of urban regeneration, meanings of urban contextuality, constant and variable values in architecture, urban processes, phenomena and ideas affecting the research of context of the architecture in the city.</p> <p><u>Practical education:</u>          /</p>		
Literature:	<p>– Vaništa Lazarević, Eva. Obnova gradova u novom milenijumu. Beograd: Classic map studio, 2003.          – Vaništa Lazarević, Eva i Mira Milaković. Reader for the course: Architecture in context. Beograd, 2010.          – in consultation with the teacher</p>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	/
Teaching methodology:	Interactive teaching, studio research and other teaching forms.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing		Written exam	50
Practical classes		Oral exam	
Colloquia	50		
Seminar-s			

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE			
Type and level of studies:	Master academic studies			
Course:	FUTURE OF THE CITY			
Teacher:	Professor Ph.D. Miodrag B. Ralević			
Type of course:	Elective			
ECTS:	2			
Preconditions:	/			
Objectives:	Provision of knowledge on theoretically- empirical approaches, concepts and models of CITIES OF THE FUTURE (utopian ideal, futuristic...) from different periods of emergence and development of urban civilization; introduction to methodic apparatus of discovery, consideration and tracing the future of the city.			
Learning outcomes:	<p>Upon completion of the course, the student is expected to:</p> <ul style="list-style-type: none"> <li>– Use a variety of techniques and methods of conceiving, modeling and projecting (development) cities in the future – immediate, near or far;</li> <li>– Use different aspects in the design of the city and urban area;</li> <li>– Be ready to participate in “public debates” related to the future of the city.</li> </ul>			
Course brief:	<p><b><u>Theoretical education:</u></b>          Classes are held through a combination of various working forms:</p> <ul style="list-style-type: none"> <li>– I BLOCK: theoretically experiential future of the city;</li> <li>– II BLOCK: concept and models of “cities of the future”;</li> <li>– III BLOCK: approach for discovering and designing the future of the city;</li> <li>– IV BLOCK: methodical foundation of modelling and designing the future of the city;</li> <li>– V BLOCK: discovering the “cities” of the future.</li> </ul> <p><b><u>Practical education:</u></b>          /</p>			
Literature:	<ul style="list-style-type: none"> <li>– Ralević, M. (1998), Programsko modelovanje urbanih funkcija, Beograd, SMS</li> <li>– Klotz H. H., 1984, REVISION DER MODERNE, Munchen, DAM.</li> <li>– Doxiadis C.A., 1970, EKUMENOPOLIS NASELJE BUDUĆNOSTI, Beograd, Arhitektonski fakultet</li> <li>– Alexander C., 1970, CHANGES FROM A D. No 3, vol, 41, London.</li> <li>– Sheckley R., 1978, FUTUROPOLIS, London, B.B. B.</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	Combination of various teaching forms, such as: ex cathedra lectures, interactive teaching, case studies, individual and group projects, research, presentations, essays, seminars, etc., all in order to provide multi-aspect introduction to problematic exploration of the future of the city.			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	points	Final exam	points	
Activity during lecturing	10	Written study/elaborate	40	
Practical classes		Oral exam	30	
Colloquia	10			
Seminar-s	10			

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE		
Type and level of studies:	Master academic studies		
Course:	MORPHOLOGY OF CITY STROKES		
Teacher:	Associate Professor Ph.D. Aleksandra M. Djukić		
Type of course:	Elective		
ECTS:	2		
Preconditions:	/		
Objectives:	Classes are directed towards developing knowledge and skills in the field of urban design, on numerous topics of urban composition. The objective of the course is to upgrade the existing knowledge from the course Design of urban spaces, as well as the understanding of basic contemporary methods and techniques for the organization of urban structure, with special emphasis on the cities in Serbia.		
Learning outcomes:			
Course brief:	<p><b><i>Theoretical education:</i></b>          Morphological characteristics of city strokes – function and form; Perception; Music, rhythm and architecture; Identity and cultural patterns; Painting, film, architecture and morphology of city parts; Research and evaluation of foreign examples.</p> <p><b><i>Practical education:</i></b>          Research; Application on the given example</p>		
Literature:	<ul style="list-style-type: none"> <li>– Reader in the course</li> <li>– Đukić A., Vukmirović M.: UrbanLab Beograd 2020, Arhitektonski fakultet, Beograd, 2012.</li> <li>– Moughtin C.: Urban Design - street and square, Architectural Press, Oxford, 2001.</li> <li>– Martin E.: Architecture as a translation of music</li> <li>– Chris A.: Architecture and Identity: responses to cultural and technological change, Arcitectural Press, Oxford, 2000.</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	/
Teaching methodology:	Combination of various teaching forms: ex cathedra lectures, interactive teaching, case studies, individual and group research projects, presentations.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written exam	60
Practical classes		Oral exam	
Colloquia	30		
Seminar-s			

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE			
Type and level of studies:	Master academic studies			
Course:	SPATIAL COMPOSITION			
Teacher:	Professor M.Sc. Petar M. Arsić			
Type of course:	Elective			
ECTS:	2			
Preconditions:	/			
Objectives:	The aim of this course is to enable students to connect previously acquired knowledge and skills in the field of urbanism and architecture, with the new knowledge in the field of spatial composition, in order to further improve skills of urban and architectural design, with special emphasis on creation and design of complex urban and architectural assemblies in real urban environment.			
Learning outcomes:	Understanding of complex impacts and links within the relation theoretical framework and spatial basics – creative procedure of achieving spatial synthesis.			
Course brief:	<p><u>Theoretical education:</u>          Theoretical lectures, analysis of urban development and historical continuity in the designing, improving and developing of spatial compositions, comparative analysis of complex urban and architectural compositions, review and analysis of case studies, a review of the main thematic areas of spatial composition, introducing students to the general concepts and categories of spatial composition, gaining new knowledge on the elements of the spatial composition and field relations between the elements of spatial composition, researching of the totality of spatial composition and synthesis of compositional aspects as one of the objectives pursued in the design process.</p> <p><u>Practical education:</u>          /</p>			
Literature:	<ul style="list-style-type: none"> <li>– Crier, Robert. Architectural Composition. New York: Rizzoli, 1973</li> <li>– Forty, Adrian. Words and Buildings, A Vocabulary of Modern Architecture. London: Thames&amp;Hudson, 2002</li> <li>– T.M. de Jong and T.J.M van der Voordt (eds.), Ways to study and research. Urban, architectural and technical design, Delft: Delft University press, 2002.</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	Combination of various teaching forms, such as interactive lectures, debates, case studies, comparative analysis of examples, active participation in discussions and presentation of the student work (concept and content of seminar paper).			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	points	Final exam	points	
Activity during lecturing		Written exam	50	
Practical classes		Oral exam		
Colloquia	50			
Seminar-s				

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE		
Type and level of studies:	Master academic studies		
Course:	ARTISTIC SHAPING OF PUBLIC URBAN SPACES		
Teacher:	Assistant Professor Zoran N. Djukanović		
Type of course:	Elective		
ECTS:	2		
Preconditions:	/		
Objectives:	Introducing students to types, forms and conditions of implementation of architectural – urban – art projects in public sphere, that is in public spaces, which are to be implemented by interdisciplinary action of artists, architects, planners and designers, as well as by various forms of public participation and community involvement in the precess of planning, design and development.		
Learning outcomes:	Providing students with an understanding of interdisciplinary action in the field of planning, design and implementation of projects intended to improvement of spatial aspect of the public sphere – public spaces by their activation and (re)design using different art forms and resources. Critical understanding of the specific opportunities and limitations of urban design in which arts, architecture and urbanism help improving the quality of city life.		
Course brief:	<p><b><u>Theoretical education:</u></b></p> <p>1) Introductory notes: Public art vs art in public space, Spatially specific, contextually specific and art directed towards the community, Public sphere, democratic sphere, cultural citizenship, Creation of a places: Public art-work as a public space.</p> <p>2) Public art in public space: context of action: Public art in Serbia, Public art in public spaces, Citizens' participation in the process of artistic shaping of public urban spaces, Social, economic and political context as a basis for action.</p> <p>3) Strategic concept of institutionalization of Public Art: Strategies and principles of locating and activating "Public Art", Valorisation of resources in relation to the target groups' preferences, Human Resources, Institutional framework, Public art, culture, tourism and cultural tourism, Marketing and branding.</p> <p>4) Case Studies.</p> <p><b><u>Practical education:</u></b></p> <p>Research of characteristics of the public in the sphere of public spaces, as well as the possibilities of their improving by implementation of various artistic, architectural and urban programs. Exploration of ways in which architecture and urbanism find their proper role in improving public urban spaces through their activation and (re)design using different methods and forms of artistic expression. For principal subject area: a) define general characteristics of a broader thematic fields; b) define specific characteristics and qualities of existing conditions of the subject area, comparatively explore adequate case studies in domestic and international practice; identify and analyze existing and determine new development programs for improvement; c) explore potentials of selected/proposed development simultaneously overseeng the potential effects of the implementation and explore their territorial and/or topical connection into networks.</p>		
Literature:	<p>– Đukanović Z., Bobić A., Živković J., i drugi; Umetnost u javnom prostoru: ekspertska studija prostorne provere užeg gradskog jezgra Užica za potrebe umetničke produkcije u javnom prostoru; Academica – akademska grupa; Beograd; 2011.</p> <p>– Đukanović, Z. Živković J.; Javna umetnost i kreiranje mesta – studija slučaja – Beograd, Gradska opština Stari grad; Arhitektonski fakulet Univerziteta u Beogradu; Beograd; 2008.</p> <p>– Djukanović Z., Živković J., Bobić A.; Public Space 4 Public Art; Gradska opština Savski Venac; Beograd; 2008.</p>		
Active training classes no.:			Other:
Lectures: 1	Practical classes: 1	Other teaching forms: /	Studio research: /
Teaching methodology:	Interactive teaching, studio research and other teaching forms.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	30	Written exam	50
Practical classes		Oral exam	
Colloquia	20		
Seminar-s			

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE		
Type and level of studies:	Master academic studies		
Course:	INFORMAL URBAN GROWTH		
Teacher:	Assistant M.Sc. Biserka Č. Mitrović		
Type of course:	Elective		
ECTS:	2		
Preconditions:	/		
Objectives:	<p>The aim of the course is to introduce students with the phenomenon of informal urban growth in Serbia, region and other areas (developing countries), which includes introduction to theoretical and methodological framework of one of the biggest challenges of spatial development – uncontrolled growth of settlements and urban dispersion, as defined by relevant international documents, and the introduction to experiential framework related to the informal growth of settlements in the world, region and Serbia.</p>		
Learning outcomes:	<p>Understanding of the phenomenon of informal urban growth, causes and consequences, understanding of the possibilities to apply mechanisms and instruments for improving the quality of life and integration of informal settlements, as well as the ability to apply principles defined in international documents in order to improve informal settlements and prevent their spread.</p>		
Course brief:	<p><b><i>Theoretical education:</i></b>          Theoretical-methodological and empirical framework of the phenomena of uncontrolled growth of settlements and urban dispersion, followed by cases analysis; Introduction and comparative review of regional characteristics of the informal settlement growth in the Balkans, with special emphasis on the settlements in Serbia; Overview of the causes and consequences of the emergence of informal settlements in socio-political, social and economic context in Serbia; Introduction to mechanisms and instruments for improving the quality of life and integration of informal settlements into the overall urban development, as well as for preventing their spread.</p> <p><b><i>Practical education:</i></b>          Students' working result is oriented towards research, analysis and definition of measures for the improvement of informal settlements in selected case.</p>		
Literature:	<ul style="list-style-type: none"> <li>– In Search for Sustainable Solutions for Informal Settlements in the ECE Region: Challenges and Policy Responses, ECONOMIC COMMISSION FOR EUROPE, Geneva, 2008.</li> <li>– Making Slums History – A Global Challenge for 2020, Conference Report, UN HABITAT, 2012.</li> <li>– Mitrovic B at al: Informal growth of housing in Belgrade under the impact of transition to global economy, Planum-The journal of urbanism: Cities to be tamed? Milan, 2012.</li> <li>– Mitrovic B., Antonic B.: The taming of the shrew: coping with illegal settlements in Belgrade, Serbia, REAL CORP 2013 Proceedings, Rome, 2013.</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	/
Teaching methodology:	Interactive teaching, studio research and other teaching forms.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written exam	50
Practical classes		Oral exam	10
Colloquia	30		
Seminar-s			

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE		
Type and level of studies:	Master academic studies		
Course:	RESEARCH OF PROPERTIES		
Teacher:	Professor M.Sc. Rajko Lj. Korica		
Type of course:	Elective		
ECTS:	2		
Preconditions:	/		
Objectives:	<p>The course is expected to present the methodology of research of properties, that is to introduce students with the complex issues of identification and evaluation of potentials and opportunities for the construction on a certain location.</p> <p>The course objective is to present techniques of research of properties, how to recognize advantages and disadvantages of certain location, opportunities and treats that a location represents to the environment and vice versa, how to perceive technical solutions and resources needed to make an investment, and how to perceive eventual odds for the investment success, and, before all, what are necessary and sufficient conditions for one property to effectuate potentials for construction.</p>		
Learning outcomes:	<p>The students are expected to: * master the techniques of research of properties and preparation of feasibility studies; * to consider the economic theory, systematize the researching methodology, elaborate on the preparation of feasibility studies, define terms of property's profitability, explain the methodology of effectiveness verification and demonstrat practical application in calculation of profitability in urban planning.</p>		
Course brief:	<p><u>Theoretical education:</u></p> <p>01 – Introduction into the course brief, presentation of basic terms, 02 – the term property, investments, economical aspects of an investment, 03 – feasibility studies, 04 – methodology of development of a feasibility study, 05 – property value, methods of value determination, 06 – calculations of profitability, 07 – location and planning documents, programme-spatial definition of the location, opportunities and limitations, 08 – development parameters, 09 – property equipment, 11 – techniques of research and calculation, 12 – presentation of research results, 13 – shaping and preparation of property, 14 – possibilities of further development, 15 – discussion</p> <p><u>Practical education:</u></p> <p>/</p>		
Literature:	<ul style="list-style-type: none"> <li>– Pegan, S. (2007). Urbanizam – uvod u detaljno urbanističko planiranje. Zagreb: Sveučilište u Zagrebu, Arhitektonski fakultet.</li> <li>– Miličević, G. (1990). Urbana ekonomika. Beograd: Ekonomski fakultet.</li> <li>– O’Sullivan, A. (2000). Urban Economics, (4th ed.). New York: McGraw-Hill.</li> <li>– Appraisal Institute (2001). The appraisal of real estate. Chicago: Appraisal Institute.</li> <li>– Baum, A. (2001). Freeman's guide to the property industry. London: Freeman Publishing.</li> <li>– Brett, M. (1990). Property and money. Avon: Bath Press</li> <li>– Brueggeman, W. B. and Fisher, J. D. (2001). Real estate finance and investments. New York: McGraw-Hill/Irwin.</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	/
Teaching methodology:	Interactive teaching, studio research and other teaching forms.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	40	Written exam	40
Practical classes		Oral exam	10
Colloquia	10		
Seminar-s			

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE			
Type and level of studies:	Master academic studies			
Course:	DESIGN AND THE CITY			
Teacher:	Professor Ph.D. Eva J. Vaništa Lazarević			
Type of course:	Elective			
ECTS:	2			
Preconditions:	/			
Objectives:	Introduction to current problems and phenomena associated with the city as a theoretical platform on which are being based design concepts within the Studio. Depending on the scope of the task given in Studio, approach to the problem will be strategic, tactical or operational on which will depend the final product of design process – development scenario, urban design or architectural design.			
Learning outcomes:	Understanding and use of methods intended for restoration of deserted and construction of new urban areas, both at the level of the whole city and larger urban zones and particular locations.			
Course brief:	<p><u>Theoretical education:</u>          Introduction to the methods of urban design and regeneration, including relevant urban processes, phenomena and ideas affecting the transformation and renewal of the city.</p> <p><u>Practical education:</u>          /</p>			
Literature:	<ul style="list-style-type: none"> <li>– Vaništa Lazarević, Eva. Obnova gradova u novom milenijumu. Beograd: Classic map studio, 2003.</li> <li>– Vaništa Lazarević, Eva. Urbana Rekonstrukcija. Beograd: Zadužbina Andrejević, 1999.</li> <li>– Bajić Brković, Milica, ur. Kreativne strategije za održivi razvoj gradova u Srbiji. Beograd: Arhitektonski fakultet 2010.</li> <li>– Stupar, Aleksandra. Grad globalizacije: Izazovi, transformacije, simboli. Beograd: Arhitektonski fakultet i Orion art 2009.</li> <li>– Madanipour, Ali. Design of Urban Space: An Inquiry into a Socio-spatial Process. Baffins Lane, Chichester: John Wiley &amp; Sons Ltd., 1996.</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	Interactive teaching, studio research and other teaching forms.			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	points	Final exam	points	
Activity during lecturing		Written exam	50	
Practical classes		Oral exam		
Colloquia	50			
Seminar-s				



Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE		
Type and level of studies:	Master academic studies		
Course:	THE CITY OF THE FUTURE		
Teacher:	Professor Ph.D. Miodrag B. Ralević		
Type of course:	Elective		
ECTS:	2		
Preconditions:	/		
Objectives:	<p>Practical application of the knowledge gained so far via modelling of an imaginary city of the future as a physical model developed by students with teacher's help. Attempts to combine elements or units of already existing – applied ideas, theoretical models or ideas obtained at the class by using different techniques and designing manners, modeling and projecting (development) of the city of the future – immediate, near or far...</p>		
Learning outcomes:	<p>Upon completion of the course, the student is expected to:</p> <ul style="list-style-type: none"> <li>– Understand theoretically experiential approaches, concepts and models of the cities of the future (utopian ideal, futuristic...) from different periods of emergence and development of urban civilization – deepening of knowledge gained in the course "Future of the city";</li> <li>– Adopt higher level of using methodic apparatus of discovery, consideration and tracing the future of the city;</li> <li>– Master use of different techniques and methods of conceiving, modeling and projecting (development) cities in the future – immediate, near or far...</li> </ul>		
Course brief:	<p><b><u>Theoretical education:</u></b>          Lectures – theoretically experiential future of the city:          – Concept and models of the "cities of the future";          – Approaches for discovering and designing the future of the city;          – Methodical foundation of modelling and designing the future of the city;          – Discovering the "cities" of the future.</p> <p><b><u>Practical education:</u></b>          Development of a physical model of the city of the future by applying principles and guidelines of theoretical education in the course.</p>		
Literature:	<ul style="list-style-type: none"> <li>– Ralević, M., 2005, Modelovanje urbanog procesa, Beograd, Arhitektonski fakultet</li> <li>– Hall P., 1977, The world city, London, W.N</li> <li>– Sheckley R., 1978, Futuropolis, London, B.B. B.</li> <li>– Alekxander C., 1970, Changes FROM AD., No 3, vol, 41</li> <li>– Le Corbusier, 1971, The city of tomorrow, Cambridge, MIT.</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	/
Teaching methodology:	<p>Combination of various teaching forms, such as: ex cathedra lectures, interactive teaching, case studies, individual and group projects, research, presentations, modelling, all in order to provide multi-aspect introduction to problematic exploration of the city of the future and an experimental form of preparation for designing cities for the future.</p>		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written study/elaborate	10
Practical classes		Design project	40
Colloquia		Oral presentation	20
Seminar-s	20		

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE			
Type and level of studies:	Master academic studies			
Course:	URBAN MOBILITY			
Teacher:	Assistant Professor M.Sc. Uroš B. Radosavljević			
Type of course:	Elective			
ECTS:	2			
Preconditions:	/			
Objectives:	<p>The main objective of the course is to introduce students with the aspects of design and planning of development of the urban structure and to achieve higher levels of quality of life in urban areas, in accordance with the principles of sustainable urban transport systems. Students will gain the understanding of contemporary theoretical and practical worldwide and European approaches in the field of sustainable urban development and mobility management, as well as of their applicability in the context of Serbia through a series of examples of policies, actions and case studies.</p>			
Learning outcomes:	<p>Understanding of key contemporary disciplinary issues related to provision of multimodal transport and mobility of people in urban areas through an overview of basic tenets from the following areas: mobility and transport management, parking management, land-use planning to ensure sustainability of transport, safety and environmental protection. Knowledge of basic methods of mobility management, parking management and land-use planning to ensure sustainability of transport. Practical knowledge of the principles of urban design in accordance with the requirements of high mobility and sustainable transport in the city.</p>			
Course brief:	<p><u>Theoretical education:</u></p> <p>1. Urban mobility and accessibility as the main challenges in the functioning of cities 2. (No) the efficiency of the transport system and road network 3. Problems related to reduced mobility, traffic congestion and air pollution 4. The limited availability of and dependence on the automobile to certain urban areas and informal settlements On the periphery 5. The method of land use is planned through formal traditional sectors planning 6. The paradigm shift from traditional to modern transport planning sustainable mobility and mobility 7. Transport policies, measures and modern technology to encourage change in the way kratanja 8. Land use planning and measures for reducing distances and long-haul journeys through mixed urban functions and density 10. Planning the transport-oriented urban development 11. The Management and Parking Options 'park and ride' (the public transport) 12. Encouraging greater efficiency in the transport system and technological innovation to reduce emissions CO2 and the transition to clean, non-fossil energy sources 14. Urban design for a compact space and increase availability.</p> <p><u>Practical education:</u></p> <p>/</p>			
Literature:	<p>– Banister, D., 2008. The sustainable mobility paradigm. <i>Transport Policy</i>, 15 (2), pp. 73-80.</p> <p>– Pressl R., Reiter, K. ed., 2005. <i>Mobility Management and Travel Awareness</i>. Translated from English by K. Lalović, U. Radosavljević, and T. Mrđenović. Belgrade: Faculty of Architecture Belgrade University.</p> <p>– Rye, T. ed., 2007. <i>Transport and Land Use Planning</i>, Vol. 2. Teaching and Learning Material. Edinburgh: Napier University.</p> <p>– Radosavljević, U., Lalović, K. &amp; Đorđević, A. (2013) <i>Sustainable Urban Development &amp; Concept of Mobility Management in Belgrade</i>. Belgrade: UNDP Serbia, pp. 91-103.</p> <p>– Tapestry, Department for Transport, 2005. <i>Making Campaigning for Smarter Choices Work. Guidelines for Local Authorities</i>. Translated from English by K. Lalović, U. Radosavljević, U. and T. Mrđenović. Belgrade: Faculty of Architecture Belgrade University.</p>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	<p>Combination of various teaching forms, such as: ex cathedra lectures, interactive teaching, case studies, individual and group projects, research, presentations, modelling, all in order to provide multi-aspect introduction to problematic exploration of the city of the future and an experimental form of preparation for designing cities for the future.</p>			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	points	Final exam	points	
Activity during lecturing	10	Written exam	40	
Practical classes		Oral exam	10	
Colloquia	40			
Seminar-s				

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE		
Type and level of studies:	Master academic studies		
Course:	NETWORK OF PEDESTRIAN PATHS USED FOR URBAN RE-DESIGN		
Teacher:	Associate Professor Ph.D. Aleksandra M. Djukić		
Type of course:	Elective		
ECTS:	2		
Preconditions:	/		
Objectives:	The course is aimed at development of knowledge and skills in the field of urban design and upgrading existing knowledge in this field. The objective of the course is to introduce students with newest methods and techniques of research and valorisation of open urban spaces, with particular regard on pedestrian environment.		
Learning outcomes:	Development of the ability to research in the field of urban design, and to apply contemporary tools of urban design. Upgrading of existing knowledge and skills in the field of urban design. Development of ability for analytical thinking, systematization and drawing conclusions. Development of ability for graphical and verbal expression, as well as for individual and group work.		
Course brief:	<p><u>Theoretical education:</u>          Relationships between pedestrian paths, experiencing of immediate environment from the aspect of a pedestrian, architecture and urban design. Spatial syntax. Mental urban maps. Active citizens' participation in processes of urban re-design. Re-design of open urban spaces in the context of climate changes. Examples of successful networking of pedestrians paths. Research of a particular urban location. Formulation of recommendations and guidelines for the networking of pedestrian paths in a given location.</p> <p><u>Practical education:</u>          /</p>		
Literature:	<ul style="list-style-type: none"> <li>– Đukić, A., Vukmirović, M.: UrbanLab Beograd 2020, Arhitektonski fakultet, Beograd, 2012.</li> <li>– Cullen, G.: Gradski pejzaž, Građevinska knjiga, Beograd, 2007.</li> <li>– Linč K.: Slika jednog grada, Građevinska knjiga, Beograd, 1974.</li> <li>– Gehl, J.: Life Between Buildings - Using Public Spaces, the Danish Architecture Press, Copenhagen, 1996.</li> <li>– Whyte, W.: The Social Life of Small Urban Spaces, Project for Public Spaces, New York, 1980.</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	/
Teaching methodology:	Lectures, interactive teaching, case studies, group research projects.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written exam	60
Practical classes		Oral exam	
Colloquia	30		
Seminar-s			

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE		
Type and level of studies:	Master academic studies		
Course:	URBAN CENTERS		
Teacher:	Assistant Professor Ph.D. Ksenija Ž. Lalović		
Type of course:	Elective		
ECTS:	2		
Preconditions:	/		
Objectives:	Establishment of a new cognitive framework for understanding, overseeing and research of a network of urban centers in the given urban environment.		
Learning outcomes:	Understanding of the structural complexity of the network of urban centers, key factors of generative changes, dynamics and stochastic nature of development processes. Ability for typological identification and methodologically articulated systematization of knowledge about urban centers. Ability of structuring a model of evaluation and quality assessment of the functional and spatial quality of central zones.		
Course brief:	<p><u>Theoretical education:</u>          Defining the concept of the city center and central functions, the holder of centralization, their importance in the development of settlements and urban structure. Theoretical basis - elements of locational, structural and procedural theories. The classification function of centrality and recognizing the role of the private and public sectors. Central places like homology term function of centrality. Factors development of a network of urban centers - social, economic, technological, natural. Historical review of the causal relationship between the structure of urban centers and the basic factors of development. The characteristics of the process of developing a network of centers in relation to the degree of public control, internal and external factors of development - the process of concentration, dispersion observed through a variety of spatial levels in cities različitog level of development. Typological classification of urban centers in relation to the time of the generation, functional role in the city, rank, type of common needs that suits etc. The characteristics and the nature of the centers in the city. modeling and programming concepts of new centers in the city. A strategic approach to the development of urban centers. The basic elements of urban planning and regulation of urban central areas, - location factors, dimensioning capacity and programming. The key criteria for evaluating the quality of organization of space centers and the city's network functionality -savremeni analytical and monitoring tools based on GIS technologies. Principles of spatial organization and formal articulation.</p> <p><u>Practical education:</u>          /</p>		
Literature:	<ul style="list-style-type: none"> <li>– Herzog, L., 2006, Return to the Center: Culture, Public Space, and City-Building in a Global Era, University of Texas Press</li> <li>– Gwyndaf, Williams, 2003, The Enterprising City Centre: Manchester's Development Challenge, Routledge Chapman &amp; Hall</li> <li>– Whyte, William H., 2012, City: Rediscovering the Center, University of Pensilvania Press</li> <li>– Badovinac, Petar, "Centralne urbane funkcije-Centri", Arhitektonski fakultet, Beograd, 1997.</li> <li>– Mirko Maretić, Gradski centri, Manualia Universitatis studiorum Zagabiensis, Zagreb, 1996</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	/
Teaching methodology:	Lectures, interactive teaching, case studies, group research projects.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written exam	50
Practical classes		Oral exam	10
Colloquia	30		
Seminar-s			

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE		
Type and level of studies:	Master academic studies		
Course:	ELEMENTS OF SPATIAL PLANNING		
Teacher:	Assistant Professor M.Sc. Biserka Č. Mitrović		
Type of course:	Elective		
ECTS:	2		
Preconditions:	/		
Objectives:	Understanding the importance and role of a strategic approach to spatial development, as well as mechanisms of its application. Gaining knowledge of the basic components of physical and integrated spatial planning. Introduction to relevance, methods and principles of sustainable development concept in the process of planning, design and use of space. Understanding of possibilities of application of general knowledge on spatial planning in the practice of spatial planning.		
Learning outcomes:	Ability to understand the position of spatial development within the system of social regulation of spatial development, and to apply methods and mechanisms in contemporary planning practice. Ability to understand and apply principles and methods of sustainable development in the planning process.		
Course brief:	<p><u>Theoretical education:</u>          Social role of planning, mechanisms of social regulation of spatial development, the concept of urbanization. The general models of processes and procedures in spatial planning, principles of spatial design. Legislation, types, characteristics and implementation of planning documents. Impact factors in spatial planning, classification and relevance (natural conditions: geological, hydrological and hydrographic factors, meteorological and microclimate factors, environment, manmade conditions: demography, transport and infrastructure, economy, systems of settlements, etc.). Students' working result is oriented towards research and analysis of spatial planning documents in the selected case.</p> <p><u>Practical education:</u>          /</p>		
Literature:	<ul style="list-style-type: none"> <li>– Vujošević, M. "Novije promene u teoriji i praksi planiranja na zapadu i njihove pouke za planiranje u Srbiji/Jugoslaviji", IAUS, Beograd, 2002.</li> <li>– Đorđević D.: Uvod u teoriju planiranja. Geografski fakultet Univerziteta u Beogradu, Beograd, 2004.</li> <li>– Tošković D.: Uvod u prostorno i urbanističko planiranje, GrosKnjiga, Beograd, 1995.</li> <li>– Marinović Uzelac A.: Prostorno planiranje. Školska knjiga, Zagreb, 2001.</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
2	/	/	/
Teaching methodology:	Lectures, interactive teaching, case studies, group research projects.		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	points	Final exam	points
Activity during lecturing	10	Written exam	50
Practical classes		Oral exam	10
Colloquia	30		
Seminar-s			

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE			
Type and level of studies:	Master academic studies			
Course:	TRENDS OF URBAN INFRASTRUCTURE			
Teacher:	Professor M.Sc. Rajko Lj. Korica			
Type of course:	Elective			
ECTS:	2			
Preconditions:	/			
Objectives:	The existence of urban infrastructure is a necessary condition for a certain area to become urban, but not sufficient. The aim of the course is to explain the connection between management of urban infrastructure systems and city management, as well as to show trends of urban infrastructure, i.e. current trends of urban living environment which aim to have cities of the future wide-ranging, energy and information provided, and at the same time humane, safe and sustainable.			
Learning outcomes:	Ongoing development and accelerating of urbanization rates, overpopulation, strong competition and unequal distribution of space, congested communication and increase of transport time, negative effects of noise and waste, inefficient city services and lack of finance intended for systems maintenance caused the collapse of the health of urban population and modern cities attractiveness. Today, most modern capitals around the world are struggling with accumulated problems related to its urban environment, and above all with the problems of inherited and developed urban infrastructure. The course shall present thematic framework of urban infrastructure through examples of practice in order to recognize contemporary trends by which is possible to go beyond the above problems.			
Course brief:	<p><u>Theoretical education:</u>          Consideration of the state of the urban infrastructure of modern cities, determining characteristics and parameters (natural and manmade). New social trends and the restoration and reconstruction of infrastructure (transition, globalization, ownership relations, the European Union, environmental impacts). Impact of previous manners of planning, construction, financing. Integral urban policy and sectoral policies related to better urban living environment and urban infrastructure management. Monitoring of planning processes and quality of urban infrastructure facing performances and implementation.</p> <p><u>Practical education:</u>          Practical part includes presentation of an example of the modern trend of urban infrastructure in practice through application of principles and guidelines given in theoretical education.</p>			
Literature:	<ul style="list-style-type: none"> <li>– Enrique Cabrera, Miguel Ángel Pardo, 2008, Performance Assessment of Urban Infrastructure Services, IWA Publishing</li> <li>– Simon Guy, Simon Marvin, Timothy Moss, 2001, Urban infrastructure in transition: networks, buildings, plans, Earthscan Publication</li> <li>– Royce Hanson, National Research Council (U.S.), 1984, Perspectives on urban infrastructure, National Academies Press</li> <li>– Peter Schübeler, 1996, Participation and Partnership in Urban Infrastructure Management, World Bank Publications</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	Lectures, interactive teaching, case studies, group research projects.			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	points	Final exam	points	
Activity during lecturing	10	Written exam	10	
Practical classes		Oral exam	20	
Colloquia	20			
Seminar-s	40			

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE			
Type and level of studies:	Master academic studies			
Course:	CONTEMPORARY URBAN PHENOMENA			
Teacher:	Associate Professor Ph.D. Aleksandra B. Stupar			
Type of course:	Elective			
ECTS:	2			
Preconditions:	/			
Objectives:	Exploration of the phenomenon of the modern city, its main characteristics and principles that are the result of accelerated changes in the second half of the twentieth century. Presentation of the latest trends and flows that are manifested in architecture, urban space and society.			
Learning outcomes:	Comprehensive understanding of the relationships between urban structure/ architecture and the political, social and economic trends in terms of the latest technological revolution.			
Course brief:	<p><u>Theoretical education:</u>          Teaching is focused on understanding of the specificities of the contemporary city - the socio-economic context, urban transformations, architecture and trends. The phenomena are observed at all three spatial levels - global, regional and local. Special attention is dedicated to the relationship between the general patterns of current processes and their local characteristics. The course treats urban structure and architecture equally - their newly formed identity, attractiveness and competitiveness.</p> <p><u>Practical education:</u>          /</p>			
Literature:	<ul style="list-style-type: none"> <li>– Stupar A: Grad globalizacije - izazovi, transformacije, simboli, Beograd:AF, Orionart, 2009</li> <li>– Cities – Architecture And Society, vol.I, II, Venice: Marsilio editori s.p.a., 2006</li> <li>– Graafland A. and Kavanah L. J. Crossover. Architecture, Urbanism, Technology, Rotterdam, 010 Publishers, 2006</li> <li>– Long K: The new architectural generation, London: LKP, 2008.</li> <li>– Hubbard, P: City, London, NY: Routledge, 2006.</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	Interactive teaching.			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	Points	Final exam	points	
Activity during lecturing	20	Written exam	60	
Practical classes		Oral exam		
Colloquia	20			
Seminar-s				

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE			
Type and level of studies:	Master academic studies			
Course:	MODELING OF A CREATIVE CITY			
Teacher:	Professor Ph.D. Miodrag B. Ralević			
Type of course:	Elective			
ECTS:	2			
Preconditions:	/			
Objectives:	<p>The objective of teaching at this course is related to the process of modeling and its application in urban planning and design. The presentation of different topics within the modeling of the city as a creative process will introduce students to the topic of modeling and provide a foundation for their individual work.</p>			
Learning outcomes:	<p>Upon the completion of the course students are expected to:</p> <ul style="list-style-type: none"> <li>– use theoretical and empirical approaches and concepts and processes of modeling of cities and their systems;</li> <li>– learn how to use the apparatus for constructing models of urban systems;</li> <li>– become familiar with various techniques and routes of designing, modeling and projecting (development) of urban systems.</li> </ul>			
Course brief:	<p><b><u>Theoretical education:</u></b>          The thematic blocks of theoretical education include:</p> <ul style="list-style-type: none"> <li>– the concept of a model and modeling;</li> <li>– modeling techniques;</li> <li>– model(ing) of the ideal city;</li> <li>– modeling of urban systems and networks;</li> <li>– implementation of urban modeling on concrete examples.</li> </ul> <p><b><u>Practical education:</u></b>          /</p>			
Literature:	<ul style="list-style-type: none"> <li>– Ralević, M. (2006), Modelovanje urbanog procesa, Beograd, Arhitektonski fakultet</li> <li>– Ralević, M. (1998), Programsko modelovanje urbanih funkcija, Beograd, SMS</li> <li>– Ralević, M. (1993), Budućnost malih i srednjih gradova – putevi formiranja razvojnih trajektorija, Beograd Arhitektonski fakultet</li> <li>– Ralević M., Aranđelović, N. (2001), Urbani menadžment, urbani marketing i preduzetništvo u funkciji razvoja urbanih aglomeracija, Beograd, Udruženje urbanista Srbije</li> <li>– Ljubinko Pušić, (2002), Preduzetnici i grad, Novi Sad, Centar za sociološka istraživanja</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	<p>Combination of various teaching forms: ex cathedra lectures, interactive teaching, case studies, individual and group projects, research, presentations, essays.</p>			
<b>Knowledge evaluation (maximum 100 points)</b>				
Pre-exam requirements	Points	Final exam	points	
Activity during lecturing	20	Written exam	30	
Practical classes		Oral exam	20	
Colloquia	30			
Seminar-s				



Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE			
Type and level of studies:	Master academic studies			
Course:	URBAN MANAGEMENT			
Teacher:	Assistant Professor M.Sc. Uroš B. Radosavljević			
Type of course:	Elective			
ECTS:	2			
Preconditions:	/			
Objectives:	<p>The course includes theoretical and practical work and research for the purpose of reprogramming and transformation of space, through which students acquire new knowledge based on modern paradigms of urban management that involves the participation of all actors (stakeholders) in the creation, reprogramming and transformation of space in a pluralistic society. The aim is for students to acquire a basic understanding of modern management concepts in urban areas at the local level, as well as an understanding of the role of architects and urban planners in these processes.</p>			
Learning outcomes:	<p>Understanding of the key contemporary disciplinary issues concerning urban management to ensure sustainability of solutions and environmental protection. Knowledge and application of basic methods in an integrated approach to the process of analysis and conceptualization of solutions in urban space. Practical knowledge of the principles of creative solutions to complex urban situations. Methods of involving partners, creating organizational arrangements, financing methods and mechanisms for implementation in urban space. Methods of evaluation of integrated solutions, monitoring of the process and quality of objectives and indicators which are aimed at performances and implementation of solutions.</p>			
Course brief:	<p><u>Theoretical education:</u>          Formal, comprehensive, traditional urban plans, rules of construction and planning, and zoning are traditionally used even today at the local level of local self-governments in order to manage urban development and ensure the quality of the urban environment. However, urban growth trends, urbanization and the growing public concern for the quality of the natural and urban environments are exposed to the constraints posed by traditional planning techniques. The main constraints for their implementation are due to lack of inclusion of all stakeholders in the planning process; sectoral planning; failure to connect actors, resources and institutions for implementation in the planning stage and the low capacity of local self-governments to organize the entire process, including transnational funds. An increasing number of local and metropolitan communities in the world and in Europe accept the new concepts of management and urban management in order to ensure balanced growth and create and implement the required policies, plans and actions. Urban management in the 21st century is the main focus of urban and regional planning.</p> <p><u>Practical education:</u>          /</p>			
Literature:	<ul style="list-style-type: none"> <li>– Bajić Brković, M (ur) (2010) Kreativne strategije za održivi razvoj gradova u Srbiji. Beograd: Arhitektonski fakultet</li> <li>– Berg, L. V. D., Braun, E. &amp; Meer, V. D. J. (1997) Metropolitan Organising Capacity. Aldershot: Ashgate Publishing Ltd.</li> <li>– Radosavljević, U., LALOVIĆ, K. &amp; MILOVANOVIĆ, D. (2012) Key Agencies Networking of Local Sustainable Urban Design Projects in Golubac &amp; Negotin. In PUCAR, M., DIMITRIJEVIĆ, B. &amp; MARIĆ, I. ed. (2012) Climate Change and the Built Environment: Policies and Practice in Scotland and Serbia. Belgrade: IAUS</li> <li>– UN-HABITAT (2001.) Tools to Support Participatory Urban Decision Making, Urban Governance Toolkit Series, Nairobi, UN-HABITAT</li> <li>– UN-HABITAT &amp; Transparency International (2004.) Tools to Support Transparency in Local Governance, Urban Governance Toolkit Series, Nairobi, UN-HABITAT</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	<p>Combination of various teaching forms: ex cathedra lectures, interactive teaching, case studies, individual and group projects, research, presentations, essays.</p>			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	Points	Final exam	points	
Activity during lecturing	10	Written exam	40	
Practical classes		Oral exam	10	
Colloquia	40			
Seminar-s				

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE		
Type and level of studies:	Master academic studies		
Course:	ARCHITECTS AND CIVIL INITIATIVES FOR SUSTAINABLE DEVELOPMENT		
Teacher:	Assistant Professor Ph.D. Ksenija Ž. Lalović		
Type of course:	Elective		
ECTS:	2		
Preconditions:	/		
Objectives:	<p>The main objective of the course is to explore the phenomenon of citizens' initiatives for the improvement of the quality of life of local communities, which have resulted in actions and interventions in the physical space. The goal of this course is to understand the phenomenon of citizens' initiatives, the acquisition of knowledge about their potential for delivering sustainable solutions for various developmental issues, understanding of the connection between the profession of urban planners and architects, and this phenomenon.</p>		
Learning outcomes:	<p>Capacity to reflect on and to generate recommendations for the inclusion of citizens' initiatives in the spatial management system (total) development on the selected level. The acquisition of practical professional skills of communication and collaboration between architects in the projects of citizens' initiatives.</p>		
Course brief:	<p><b><u>Theoretical education:</u></b>          Definition of the concept and understanding of the phenomenon. - Citizens' Initiatives represent a network of people who share similar values, lifestyles or problems, and who have established some sort of partnership in pursuit of their interests, and who do so in an active and organized manner. Introduction to the foundations of developmental concepts that encourage and involve these kinds of initiatives, research and comparative analysis of examples of good practice.</p> <p><b><u>Practical education:</u></b>          Research and case studies of a specific citizens' initiative in the context of the Republic of Serbia and the pursuit of urban and architectural solutions which best support the achievement of its objectives. Research solution for a concrete case will be created through a continuous interactive process of cooperation with the representatives of citizens' initiatives and the local community, but also with experts from various fields and other relevant stakeholders. Thanks to this process, students will be able to explore, through personal experience, the concept of sustainable development, to apply integrated and collaborative approach to planning and design and to improve their communication and negotiation skills.</p>		
Literature:	<ul style="list-style-type: none"> <li>– Pušić, Lj. (2001): Održivi grad : ka jednoj sociologiji okruženja, Beograd</li> <li>– Fišer, F. (2004): Izgradnja ostova između građana i lokalnih vlasti u cilju efikasnijeg zajedničkog rada kroz participativno planiranje, Niš: Resurs centar</li> <li>– Bajić-Brković, M. (ur)(2009): Inovacija i kreativni prostori u održivim gradovima, Popovac: Holcim</li> <li>– Votson,, Džon B. (2011): Inicijativa i smelost: prvi uslovi napretka, Beograd : Partenon</li> <li>– Bajić Brković, M (ur)(2010): Kreativne strategije za održivi razvoj gradova u Srbiji, Beograd : Arhitektonski fakultet</li> </ul>		
Active training classes no.:			Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:
1	1	/	/
Teaching methodology:	<p>Ex-cathedra lectures and interactive group workshops where students apply methods of case analysis, prepare individual and group conceptual designs, apply methods of good communication and presentation.</p>		
Knowledge evaluation (maximum 100 points)			
Pre-exam requirements	Points	Final exam	points
Activity during lecturing	20	Written exam	40
Practical classes		Oral exam	10
Colloquia	30		
Seminar-s			

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE			
Type and level of studies:	Master academic studies			
Course:	URBAN REGULATIONS			
Teacher:	Assistant Professor M.Sc. Biserka Č. Mitrović			
Type of course:	Elective			
ECTS:	2			
Preconditions:	/			
Objectives:	<p>Becoming familiar with the meaning, significance and content of urban development and spatial planning legislation in the Republic of Serbia. Acquisition of information on the diversity of demands and needs of professions involved in the process of urban and spatial planning. Introduction to the general context of EU legislation. Introduction to procedures and institutions in the practice of urban and spatial planning in the Republic of Serbia.</p>			
Learning outcomes:	<p>The outcomes of the course are linked to the students' ability to understand and apply urban and spatial planning legislation in practice, as well as to recognize the responsibilities, competencies, place and time of involvement of participants in the process of urban and spatial planning in accordance with applicable legislation. In addition, the outcomes are related to the recognition of the importance and role of the system of institutions involved in the process of urban and spatial planning in the Republic of Serbia.</p>			
Course brief:	<p><b><u>Theoretical education:</u></b>          Theoretical instruction includes the basic laws and regulations of urban and spatial planning in the Republic of Serbia, as well as regulations governing related fields relevant to urban and spatial planning and their compatibility and inter-sector links; regulations in the field of environmental protection and building land are important for urban and spatial planning. Then, the development of legislation in our country and general compliance with EU legislation. Special attention is paid to the public interest and public participation, conflict situations related to the legislation, then the implementation of urban and spatial plans, procedures and institutions at different levels of urban and spatial planning in the Republic of Serbia, and finally to the planning documents that are not governed by the urban and spatial planning legislation in the Republic of Serbia (development strategies, master, local, environmental and action plans, plans).</p> <p><b><u>Practical education:</u></b>          /</p>			
Literature:	<ul style="list-style-type: none"> <li>– EUR-Lex, European Union Law database</li> <li>– Moore V., Huges, D.: Statutes on Planning law, Blackstone Press Limited, London, 1995.</li> <li>– Pajović D.: Urbanistički zakoni južnoslovenskih zemalja – BiH, Crna Gora, Hrvatska, Makedonija, Slovenija, Srbija- Prikaz važećih zakona, u: Planiranje, investicije i realizacija u tranziciji ka evropskom zakonodavstvu, Letnja škola urbanizma, Vrnjačka Banja, 2006.</li> <li>– Pajović D.: Pregled urbanističkog zakonodavstva Srbije. Udruženje urbanista Srbije. Novi Sad, 2005.</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	Interactive teaching, studio research.			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	Points	Final exam	points	
Activity during lecturing	10	Written exam	50	
Practical classes		Oral exam	10	
Colloquia	30			
Seminar-s				

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE			
Type and level of studies:	Master academic studies			
Course:	URBAN RECREATION			
Teacher:	Assistant Professor M.Sc. Jelena A. Živković			
Type of course:	Elective			
ECTS:	2			
Preconditions:	/			
Objectives:	The goal of the program is to introduce students to a variety of forms, factors and concepts of development of recreation in the modern city and to enable them to acquire basic knowledge and skills in the planning and design of open and recreational spaces.			
Learning outcomes:	<p>Upon the completion of the course students are expected to:</p> <ul style="list-style-type: none"> <li>• Understand the context and complexity and dynamics of the meaning and forms of recreation</li> <li>• Possess knowledge of basic theoretical concepts of development of recreation in the city</li> <li>• Recognize, analyze and critically evaluate contemporary forms and conditions of the development of recreation in the city</li> <li>• Be capable of analyzing and evaluating the recreational potential of urban areas and some urban locations, as well as of identifying appropriate forms for their program-spatial and formal promotion</li> </ul>			
Course brief:	<p><b><u>Theoretical education:</u></b>          The program examines the relations: recreation - tourism - urban space in the context of contemporary urban development. The development of modern recreational facilities and space are discussed in terms of global social and climate change and the transformation of cities at the beginning of the 21st century. Special attention is dedicated to the issues of diversification of lifestyles, increase of mobility and consumption, environmental challenges, the development of new urban policies and economics, which are changing the role and importance of recreation in the city's development. In addition, activities, facilities and recreation areas are viewed through the prism of everyday life and the possibility of exercising of the "right to the city". In such conditions, in addition to traditional, the temporary, intermittent, integrated and hybrid forms of recreation that are shaped by the different processes of urban space production are recognized and analyzed. Accordingly, the new concepts of recreation in the city are discussed.</p> <p><b><u>Practical education:</u></b>          Teaching at the course includes: 1) research of networks of recreational and tourist facilities and spaces within the urban area. 2) Research on the characteristics of the use and design of individual recreational spaces, 3) consideration of the possibilities of their improvement in the domain of urban design.</p>			
Literature:	<ul style="list-style-type: none"> <li>– Vesnić Neđeral Ž., (1993) Urbana rekreacija - funkcionalno i prostorno organizovanje rekreativnih prostora u gradu, Arhitektonski fakultet u Beogradu, Beograd</li> <li>– Baud-Bovy Manuel, Lawson Fred, (2002) Tourism And Recreation Handbook Of Planning And Design, Architectural Press, Oxford(etc.)</li> <li>– Đukanović Z., Živković J., (2008) Public art and Placemaking / Javna umetnost i kreiranje mesta: studija slučaja Beograd-gradska opština Stari grad, Arhitektonski fakultet Univerziteta u Beogradu; Beograd;</li> <li>– Živković J. Urbana rekreacija - forme i koncepti (in production)</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	Interactive teaching, studio research.			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	Points	Final exam	points	
Activity during lecturing	20	Written exam	40	
Practical classes		Oral exam		
Colloquia	40			
Seminar-s				

Study programme:	Master academic studies Architecture / Module A, Module U, Module AT, Module AE			
Type and level of studies:	Master academic studies			
Course:	CONTINUITY IN URBAN DEVELOPEMENT			
Teacher:	Professor M.Sc. Petar M. Arsić			
Type of course:	Elective			
ECTS:	2			
Preconditions:	/			
Objectives:	The objective of the course is for students to explore and learn about the complex phenomenon of town construction through the various aspects (form, content, ideas ...), by placing each of the aspects into the complex relation of continuity-discontinuity (not just chronological), but in the totality of all possible relations.			
Learning outcomes:	Understanding of the complexity of factors influencing the development and design of urban structures			
Course brief:	<p><u>Theoretical education:</u>          Introduction to the different thematic areas relevant for the understanding of the complexity of factors influencing the continuity of the development of cities (definition and meaning of concepts, continuity of development and form, continuity of development and content, continuity of development and structure, continuity of development and ideas, continuity of experiencing of the space of the city, continuity and discontinuity) .</p> <p><u>Practical education:</u>          Teaching is carried out through:</p> <ul style="list-style-type: none"> <li>– Lectures</li> <li>– Analysis and comparison of cases</li> <li>– Debate workshops and knowledge presentations</li> <li>– Compilation of a seminar paper / final paper</li> </ul>			
Literature:	<ul style="list-style-type: none"> <li>– Pušić, Lj. (2001): Održivi grad : ka jednoj sociologiji okruženja, Beograd</li> <li>– Spiro Kostof, The City Shaped, Urban Patterns and Meanings Through History, London:Thames and Hudson, 2001</li> <li>– Edward Soja, Postmetropolis-Critical Studies of Cities and Regions. Blackwell publishing, 2000.</li> <li>– T.M. de Jong and T.J.M van der Voordt (eds.), Ways to study and research. Urban, architectural and technical design, Delft: Delft University press, 2002.</li> </ul>			
Active training classes no.:				Other:
Lectures:	Practical classes:	Other teaching forms:	Studio research:	
2	/	/	/	
Teaching methodology:	Interactive teaching.			
Knowledge evaluation (maximum 100 points)				
Pre-exam requirements	Points	Final exam	points	
Activity during lecturing		Written exam	25	
Practical classes		Oral exam	25	
Colloquia	50			
Seminar-s				