
	<p>UNIVERSITY OF NOVI SAD</p> <p>FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p>Study Programme Accreditation</p> <p>UNDERGRADUATE ACADEMIC STUDIES</p> <p>Civil Engineering</p>	
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STUDY PROGRAMME ACCREDITATION MATERIAL:

CIVIL ENGINEERING

UNDERGRADUATE ACADEMIC STUDIES

Novi Sad

2012.

Prevod sa srpskog jezika:

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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES Civil Engineering</p>	

Programme name	Civil Engineering
Independent higher education institution where the programme is being executed	University of Novi Sad
Higher education institution where the programme is being executed	Faculty of Technical Sciences
Educational-scientific/educational-art field	Technical-Technological Science
Scientific, professional or art field	Civil Engineering
Type of studies	Undergraduate Academic Studies
Study scope, expressed in ECTS	240
Academic degree, abbreviation	Bachelor with Honours in Civil Engineering, B.Civ.Eng.
Study length	4
Programme implementation starting year	2005
Future course implementation starting year (for new programme)	
Number of students attending this programme	485
Planned number of students to be enrolled in this programme	720
Programme approval date (state the approval issuer)	14.11.2012 - Science Education Council 29.11.2012 - University of Novi Sad Senate
Programme language	Serbian, English
Programme accreditation year	2008
Web address containing programme information	http://www.ftn.uns.ac.rs



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Civil Engineering

Standard 00. Introduction

One of the oldest fields in human development is civil engineering. Civil engineering is practically as old as human civilization and it is one of the most significant industrial branches. It includes a wide field of designing and building diverse systems and structures: bridges, residential buildings, public facilities, roads, airports, railways, tunnels, underground facilities, water supply facilities, water flow regulations, designing and planning settlements, etc. Civil engineers in industry and in society have always found their place since civil engineering represents one of the main stimuli in industrial development. Since Serbia is becoming the area for significant developmental infrastructure projects, from building all types of traffic roads via intensive urbanisation and residential building to major projects in the function of sustainable development and environmental protection, it is realistic to expect that the demand for civil engineering experts will continue and probably increase in the period to come.

Hence, civil engineering in educational sense should be regarded as a study programme which provides an objective response to presented demands from practice. The programme should enable students to adequately understand the basic principles in diverse areas of technology, to gain necessary theoretical knowledge, as well as to master concrete professional knowledge for successful performance in engineering jobs in the field of construction, hydrotechnics and roads.



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Standard 01. Programme Structure

The name of the study programme of these undergraduate academic studies is Civil Engineering. The academic title awarded is Bachelor in Civil Engineering (BSc. (Civ.Eng.)). The outcome of the study process is the knowledge that enables students to use professional literature, to apply that knowledge in solving problems occurring in profession, and, in the case of students' wishes, to enable them to continue their studies.

The prerequisites for enrolling the study programme are the completed four-year-long secondary school and passed qualification examination. The qualification examination consists of maths examination (graded with the maximum of 60 points) and it is considered to be passed if the candidate has the minimum 14 points.

The undergraduate academic studies in Civil Engineering last for four years. First three years are mutual for everyone, and on completing the third year, following their own competences and wishes, students decide to enrol one of the three study groups (Structures, Hydrotechnics, and Roads). Within the study group "Structures", the emphasis is placed on designing and building concrete, steel and wood structures. Within the study group "Hydrotechnics", students are enabled to use the basic principles for designing hydrotechnical systems in the fields of water supply, sewerage, melioration, etc. Within the study group "Roads" students acquire basic knowledge in road planning. Within the selected study group, students have obligatory and elective courses. Elective courses are selected from the groups of proposed courses. Teaching is performed in lecturing and practice. At lectures, with the usage of adequate didactic means, the course material is presented with necessary explanations contributing to better understanding of course content. At practice that follows the lectures, concrete tasks are solved and examples are presented for additional explanations of the course content. Practice classes also serve to obtain supplementary explanations for the material presented at lectures. Practice can be auditory, laboratory, computer and computing. Students have to have obligatory professional practice, done individually in construction organizations. During the teaching process, professional excursions are organized – visits to characteristic facilities, concrete factories, construction fairs, etc.

Each course has a certain number of ECTS credits, and the entire studies are considered to be completed when the student fulfils their obligations described in the study programme and in the process obtains at least 240 ECTS credits.



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Standard 02. Programme Objectives

The aim of the study programme is the education of students for the profession of a civil engineer in accordance to the demands of the society.

The study programme in Civil Engineering is designed in such a manner as to provide the acquisition of competencies that are socially justifiable and useful. The Faculty of Technical Sciences has defined fundamental tasks and aims in educating highly competent professionals in the field of civil engineering. The aim of the study programme in Civil Engineering is completely in accordance with the fundamental tasks and aims of the Faculty of Technical Sciences.

The realization of a designed study programme provides the education for engineers in civil engineering who have competence in European and worldwide frameworks.



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Standard 03. Programme Goals

The objective of the study programme is to achieve competencies and academic skills in the field of civil engineering. Among other items, it also includes the development of creative abilities in problem observations and the ability of critical thinking, the development of abilities for teamwork and possessing specific practical skills necessary in the profession.

The objective of the study programme is to educate experts who have enough complex knowledge in the fundamentals in designing and building structures in building construction, Hydrotechnics and road networks.

One of the special objectives, in accordance with the objectives in educating experts at the Faculty of Technical Sciences, is the development of consciousness with students for the need of permanent education, development of the society in general and environmental protection. The objective of the study programme is also the education of experts in the field of teamwork, as well as the development of competencies for presenting their results to the professional and wider public.



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Standard 04. Graduates` Competencies

Graduate students in Civil Engineering are competent to solve real problems in construction practise, as well as to continue their education if wanted. The competencies include, first and foremost, the development of the ability of critical thinking, ability to analyse problems, synthesise problems, and predict the behaviour of the selected solution with the clear presentation of advantages and drawbacks of the selected solution.

Graduate students at this level of studies possess competencies for applying their knowledge in practice and for monitoring and applying novelties in their profession. Students are able to design, organize and manage production. During education, a student obtains the ability to individually design and supervise the building of simpler structures.



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Standard 05. Curriculum

The curriculum of the undergraduate academic studies in Civil Engineering is formed in a manner to satisfy all set objectives. The structure of the study programme provides approximately 15% of academic general courses, 20% of theoretical and methodological courses, 35% of scientific and professional courses and 30% of professional applicative courses. It also fulfils the requirement that elective courses may obtain 20% of ECTS credits. Apart from this classification, the courses included in these studies can be classified into the following groups:

- group of courses in fundamental disciplines (Mathematics, construction physics, ...);
- group of courses in theoretical mechanics;
- group of courses in structural theory;
- group of courses in construction materials;
- group of courses in structures in construction;
- group of courses in the field of foundation, geotechnics and road networks; and
- group of courses in the field of organization and building technology.

First three years present fundamental, general and common education of all students in this educational programme, and on completing these three years students select one of the three study groups: Structures, Hydrotechnics and Roads. Hence, on the fourth year, students concretize the problems in civil engineering with the problem specifics related to each of the study groups. During the fourth year, there are obligatory and elective courses. Studying the elective courses, students satisfy their affinities profiled in the first three years.

All courses are one-semester long and have an adequate number of ECTS credits, where one credit equals approximately 30 hours of students' activities. The schedule of held classes in the study programme is organized in such a manner so that knowledge necessary for subsequent courses is learnt in the previously held courses.

Curriculum defines the description of each course with name, type, year and semester of studies, number of ECTS credits, teacher's name, course outcome with expected results, knowledge and competencies, prerequisites for course attendance, course content, recommended literature, lecturing methods, knowledge evaluation and other data.

Study programme is in accordance with European standards regarding enrolment conditions, study duration, transfer to another year, diploma acquisition and manner of studies.

A part of the curriculum at Civil Engineering is a professional practice lasting for 45 hours, realized in an adequate construction organizations and public institutions.

Students complete studies by elaborating the final thesis comprising of a theoretical and methodological preparation necessary for deepened understanding of the field in which the final thesis is elaborated, and the elaboration itself.

Before the defence of the thesis, the candidate passes theoretical and methodological fundamentals in front of the tutor. The final grade of the final thesis is based on the grade for the passed theoretical and methodological preparation and the grade for elaborating and defending the thesis. Final thesis is defended in front of the committee comprised of at least three teachers.



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Table 5.2 Course specification

Course:		Mathematical Methods 1				
Course id: GG00						
Number of ECTS: 6						
Teachers:		Uzelac S. Zorica, Teofanov Đ. Ljiljana				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:		Study research work:	Other classes:
3		3	0		0	0
Precondition courses		None				
1. Educational goal:						
Enabling students for abstract thinking and acquiring basic knowledge in the field of mathematical algebra and analysis.						
2. Educational outcomes (acquired knowledge):						
Student is competent for using acquired knowledge in further education within professional courses, as well as for making, analysing and solving mathematical models.						
3. Course content/structure:						
The field of real and complex numbers. Determinants and szstems of linear equations. Matrices and matrix calculation. Vector algebra in space . Analytic geometry in space – line, plane. Polynomials and rational functions. Sets. Real functions of one real variable – limit value, continuity, differential calculus and application.						
4. Teaching methods:						
Lectures. Computing practice. Consultations. In lectures, theoretical content is presented and illustrated with examples. In practice, characteristic tasks are done to deepen the understanding of the presented content. Apart from lectures and practice, individual consultations are held regularly for further explanations of the course content. A part of the content, making a larger logical unit, can be passed in the form of the two parts. First part: Field of real and complex numbers. Determinants and szstems of linear equations. Matrices and matrix calculus. Vector algebra in space. Analytic geometry in space – line, plane. Polynomials and rational functions. Second part: Sets. Real functions of one real variable – limit value, continuity, differential calculus and application.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Oral part of the exam	Yes 10.00
Lecture attendance			Yes	5.00	Practical part of the exam - tasks	Yes 60.00
Test			Yes	10.00		
Test			Yes	10.00		
Literature						
Ord.	Author		Title		Publisher	Year
1,	J. Nikić, L. Čomić		Matematika jedan		Stylos, Novi Sad	1998
2,	T. Grbić i drugi		Zbirka rešenih zadataka iz matematike I		Stylos, Novi Sad	2004
3,	N. Adžić i drugi		Zbirka rešenih zadataka sa pismenih ispita iz matematike I		Naučna knjiga, Beograd	1991



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	Civil Engineering	

Table 5.2 Course specification

Course:		Descriptive Geometry				
Course id: GG03						
Number of ECTS: 5						
Teachers:		Navalušić V. Slobodan, Štulić B. Radovan				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:		Study research work:	Other classes:
2		2	0		0	0
Precondition courses		None				
1. Educational goal:						
Developing spatial visualisation abilities, spatial imagination abilities, and ability of solving problems in various mutual spatial relations of three-dimensional (3D) geometric forms on two-dimensional (2D) presentation of parallel projection as a basis for 3D analysis of every 2D presentation.						
2. Educational outcomes (acquired knowledge):						
Ability to identify and interpret spatial relations of the learnt spatial shapes from appropriate 2D presentations, as well as to know their geometric structures; ability for optimal graphic presentation of learnt 3D configurations via characteristic perspectives and spatial presentations on 2D media.						
3. Course content/structure:						
FUNDAMENTAL ELEMENTS OF SPATIAL VISUALISATION. Projecting, observation directions and types of images of basic geometrical forms (point, line, plane). Criteria for obtaining characteristic observations and positions on an object (transformation and rotation) with the aim of direct detection of metric characteristics and the recognition of spatial relations of an object. Concepts of visibility. Application on more complex forms (plane figures, polyhedral, solids of revolution, surfaces of constant slopes, roofs). FUNDAMENTALS OF STRUCTURE VISUALISATION IN DETERMINED PROJECTION. Real terrain, topographic surface, surfaces with constant slopes. Structures with accompanying fills and cuts. Cross sections/profiles in vertical projecting surfaces. Analysis on structure protection from atmospheric water.						
4. Teaching methods:						
Lectures. Graphic – auditory practice. Tutorials.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes 40.00
Graphic paper			Yes	20.00	Oral part of the exam	Yes 10.00
Lecture attendance			Yes	5.00		
Test			Yes	10.00		
Test			Yes	10.00		
Literature						
Ord.	Author	Title			Publisher	Year
1.	R. Štulić V. Stojaković	Nacrtna geometrija			autori	2007
2.	L. Dovniković	NACRTNA GEOMETRIJA			Univerzitet u Novom Sadu	2002
3.	Lj. Gagić	NACRTNA GEOMETRIJA			Građevinski fakultet, Beog	2002



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Table 5.2 Course specification

Course:		Materials in Construction 1			
Course id:	GG04				
Number of ECTS:	5				
Teacher:	Radeka M. Miroslava				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	0	1	0	0	
Precondition courses					
None					
1. Educational goal:					
Enabling students to relate structural characteristics of construction materials with their properties, obtaining knowledge in the field of examination and application of metals, polymers and plastic masses, as well as of corrosion forms of these materials.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is used by students in further education, professional courses and engineering practice					
3. Course content/structure:					
Atomic and molecular structure of materials (fundamental particles, periodic table). Inter-atomic and inter-molecular connections (connection strength – connection with module of elasticity and extension coefficient, connection energy – primary and secondary connections). Structure of crystals (unit cell, types of unit cells, crystal structure of metals and silicate ceramics, crystallographic directions and planes, polycrystals, non-crystal structures). Errors in crystal grid (dot and line defects). Deformation and strengthening of metals (characteristics of dislocation, concept of plastic deformation explained via dislocation movement, strengthening mechanisms via grain size, creation of solid solutions by deformations). Repair, recrystallisation and growth of grain, deformation mechanisms in ceramics. Dispersive systems and surface appearances. Fundamental properties of construction materials (general and specific properties, condition parameters, physical properties, physical and mechanical properties, construction and technological properties. Thermal technical properties and water vapour diffusion – principles of calculation and definition of structures according to valid regulative. Diffusion. Fundamentals in kinetics of chemical reactions. Condition diagrams. Phase transformations in metals, development of microstructure and correlation with mechanical properties. Production processes, types and application of steel. Steel corrosion. Polymer structure. Deformation mechanisms and strengthening in polymers. Polymer structure. Production and application of polymers. Plastic masses. Types of composite materials (composites – agglomerates, reinforced, structural composites).					
4. Teaching methods:					
Teaching is held with the aid of contemporary technical methods: Power Point presentations, usage of film and graphic illustrations, programmes for calculating heat and diffusion conductivity of materials. At lectures, content is presented in a manner to directly and unambiguously emphasise properties and sizes necessary in the field of civil engineering with the obligatory connection of the presented property with material structure. Lectures are organized as interactive form of teaching, with predicted conclusion observations and questions that stimulate students for active participation at the end of each class. Practice are organized as expansion and deepening of certain topics using practical work and computing examples.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Homework		Yes	5.00	Coloquium exam	No 20.00
Laboratory exercise attendance		Yes	5.00	Coloquium exam	No 30.00
Laboratory exercise defence		Yes	5.00	Oral part of the exam	Yes 50.00
Laboratory exercise defence		Yes	5.00	Practical part of the exam - tasks	Yes 20.00
Lecture attendance		Yes	0.00		
Test		Yes	10.00		
Literature					
Ord.	Author	Title		Publisher	Year
1.	William D Callister, Jr.	Materials Science and Engineering an Introduction		Wiley	2007
2.	Mihajlo Muravljov	Građevinski materijali		Građevinska knjiga	2000
3.	Arthur Lyons	Materials for Architects and Builders		ELSEVIER	2004
4.	Mihjlo Muravljov	Gradjevinski materijali-Zbirka rešenih zadataka		Gros KNJIGA	1994
5.	M.Radeka	u rukopisu			2007



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	<h2 style="margin: 0;">Study Programme Accreditation</h2>	
	<p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	<p style="text-align: right;">Civil Engineering</p>

Table 5.2 Course specification

Course:		Engineering Geology			
Course id:	GG01				
Number of ECTS:	6				
Teacher:	Vasić V. Milinko				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	0	2	0	0	
Precondition courses					
None					
1. Educational goal:					
The aim is for students to acquire necessary knowledge in the filed of geology sciences, which are necessary as a basis for listening others courses in the field of geotechnics. Special emphasis is on the demand for knowledge on soil and rock genesis, homogeneity and anisotropy of individual properties of rocks and soil, as well as the stability of all types of terrain.					
2. Educational outcomes (acquired knowledge):					
Necessary knowledge being taught will serve for normal attention in classes in the field of geotechnics.					
3. Course content/structure:					
General assumptions on the origin of Earth, its crust and shallow surface zone in which construction activities take place. Application of mineralogy and petrology as a basis for investigations in the field of geotechnics. Physical-mechanical and technological properties of rocks used as construction materials, being a foundation for structures or a space to build structures in. Tectonic activities, spreading, creasing and cracking of rock masses. Applied hydro-geology. Geological aspects of seismicity of areas and influences of soil types on total seismicity. Endogenous and exogenous geological processes, conditions for their origin and engineering activities for preventing their hazardous influences. Principles and methods of geotechnical terrain examinations for diverse construction facilities.					
4. Teaching methods:					
Auditory lectures and laboratory practice.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Graphic paper		Yes	20.00	Written part of the exam - tasks and theory	Yes 30.00
Laboratory exercise attendance		Yes	5.00	Oral part of the exam	Yes 40.00
Lecture attendance		Yes	5.00		
Literature					
Ord.	Author	Title		Publisher	Year
1.	Milinko Vasić	Inženjerska geologija		FTN	2001



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Table 5.2 Course specification

Course:		Fundamentals in Computing			
Course id:	GG11				
Number of ECTS:	4				
Teachers:		Brujić S. Zoran, Ivanović V. Dragan			
Course status:		Mandatory			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	0	2	0	0	
Precondition courses		None			
1. Educational goal:					
Educating students in the field of fundamentals in computing, computer networks, fundamentals in programming and fundamentals in CAD design.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is a basis for attending professional courses and using computers.					
3. Course content/structure:					
Computer development. Problem solving by computer usage. Mathematical basis of computer work. Hardware organization. Data transfer and computer networks. Software package MATLAB. Fundamentals in AutoCAD. Fundamentals in numerical mathematics.					
4. Teaching methods:					
Lectures. Computer practice. Consultations. Theoretical part of the course content is taken in written form. Practical part of the content is taken in computer laboratory.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Complex exercises		Yes	70.00	Theoretical part of the exam	Yes 30.00
Literature					
Ord.	Author	Title		Publisher	Year
1.	Danilo Obradović	Osnovi računarstva		Stylos	2003



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES</p> <p style="text-align: right; margin: 0;">Civil Engineering</p>	

Table 5.2 Course specification

Course:		Economics of Civil Engineering				
Course id: GG104						
Number of ECTS: 3						
Teacher:		Malešević B. Erika				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:		Study research work:	Other classes:
3		0	0		0	0
Precondition courses None						
1. Educational goal:						
Acquiring knowledge on the economic aspects of business in civil engineering and in construction companies.						
2. Educational outcomes (acquired knowledge):						
Enabling students to monitor business in construction companies, and to upgrade in the field of construction management.						
3. Course content/structure:						
Place of construction in the industrial system. Organization of construction companies. Means and capacities in a construction company. Cost analysis and price calculations. Business financing. Economic quality measurements. Determining the business success.						
4. Teaching methods:						
Audio and visual teaching methods.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam		Mandatory Points
Homework		Yes	5.00	Written part of the exam - tasks and theory		Yes 30.00
Lecture attendance		Yes	5.00	Coloquium exam		No 40.00
Term paper		Yes	20.00	Oral part of the exam		Yes 40.00
Literature						
Ord.	Author	Title			Publisher	Year
1,	Malešević, E.	Ekonomika građevinarstva i osnovi menadžmenta			UN,GF, Subotica	1999
2,	Marinić,I.	Ekonomске analize u građevinarstvu			UN, FTN, Stylos	1998
3,	Nikolić,M.,Malenović,N.,Pokrajčić,D., Paunović. B	Ekonomika preduzeća			EF,Beograd	2002



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Table 5.2 Course specification

Course:		Sociology of Work			
Course id:	GG105				
Number of ECTS:	3				
Teachers:	Malešević B. Erika, Radivojević D. Radoš				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	0	0	0	0	
Precondition courses		None			
1. Educational goal:					
Obtaining sociological knowledge on the participants in work, forms and structures of work organization, as well as the connections between work organization and society in order to increase the efficiency of human resources and organization management.					
2. Educational outcomes (acquired knowledge):					
Acquiring knowledge on the significance of work and social factors influencing the value of work, knowledge on theoretical opinions of the work organization and contemporary organization models, knowledge on formal and informal structure of work organization, knowledge on the factors influencing the success of an organization, knowledge on the influence of technology and technological innovations on the development of the society, knowledge on the global changes in contemporary society and change factors.					
3. Course content/structure:					
Person and the value of work: work distribution and professionalism, needs, interests and values as stimuli of human work. Theoretical opinions on work organization: scientific management, theory on inter-human relations, theory on bureaucratic organization, situation theory, behaviouristic theory. Contemporary organization models: simple, bureaucracy, multi-divisional, professional, Japanese, Adhocracy. Organization structure: formal horizontal and vertical structure, authority and responsibility in an organization, friendly and interest groups. Factors in the organization development: organization success, influence of national cultures, technology and organizational culture on success. Work motivation: theory on motivation and motivation models, working moral and productivity, human resources. Alienation in work and leisure time: alienation in work, alienation and technology, alienation in leisure. Conflicts in an organization: social, organizational and personal conflicts, syndicates and the power of employees, strikes, industrial sabotage, white collar criminal and corporation criminal. Work humanization: working groups, teamwork, forms of collective negotiation and industrial democracy. Alteration in work in modern times: knowledge economics, employment policy, unemployment, working place insecurity, end of work for lifetime. Global changes and changing factors: class structure of the modern society and movement channels, globalization and economic inequality, influence of technology, culture, politics and economics on the development of the society.					
4. Teaching methods:					
In lectures, problems are presented, and the discussion is opened where students can ask questions, give remarks and complement the presented course content.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Lecture attendance		Yes	5.00	Oral part of the exam	Yes 50.00
Test		Yes	45.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Radoš Radivojević	Sociologija rada, Zbornik		Fakultet tehničkih nauka	2004
2,	Rados Radivojević	Tehnika i društvo		Fakultet tehničkih nauka, Novi Sad	2004
3,	Entony Gidens	Sociologija		Ekonomski fakultet, Beograd	2003
4,	Silvano Bolčić	Svet rada u transformaciji		Plato, Beograd	2003
5,	Majkl Haralambos	Uvod u sociologiju		Golding marketing	2002
6,	Keth Grint	The Sociology of Work		Cambridge, Polity	1991
7,	Rudi Volti	An Introduction to the Sociology of Work and Occupations		Sage Publications	2007
8,	Clifton D. Bryant, Dennis L. Peck	21st Century Sociology: A Reference Handbook		Sage Publications	2007



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Table 5.2 Course specification

Course:		Sociology and Economics in Civil Engineering			
Course id:	GG02				
Number of ECTS:	3				
Teachers:	Malešević B. Erika, Radivojević D. Radoš				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	0	0	0	0	
Precondition courses		None			
1. Educational goal:					
1. Ability of engineers to understand the social significance and the role of technology in the development of the society, positive and negative influences of technology on the development of society and humans, as well as their own social significance and responsibility in creating a humane society. 2. Obtaining fundamental knowledge on the economic aspect of earning in construction.					
2. Educational outcomes (acquired knowledge):					
1. Obtaining sociological knowledge on properties, sources, social functions and creators of technological knowledge; knowledge on the influence of the nature of social systems on the development of technology and the influence of technology on the development of society; knowledge on the influence of technology on the globalization processes. 2. Enabling civil engineers to monitor social end economic processes and to apply the acquired knowledge in the rational usage of all potentials in the field of civil engineering.					
3. Course content/structure:					
1. Technical knowledge: properties of technical knowledge, social functions of technology, sources of technical knowledge, creators of technical knowledge, expansion of technical knowledge, scientific and technical potential, relation of science and technology, technology and ethics, technology and culture, technology and person, technology and freedom, technology and conscience. Relations between technology and society: influence of society on the development of technology – development of technology in pre-capitalism, development of technology in capitalism; influence of technology on the development of society – gatherers' societies, agricultural societies, industrial society, information society. Technology and globalization: causes and dimensions of globalization, influence of globalization on the lives of people and the culture, globalization and inequality, technological gap, brain drain; technology and economic crisis – electrical viruses, global warming, genetically modified food, technical risks, technical society as risk-taking society. 2. Role of construction in the industrial system. Business systems in civil engineering. Means engagement and spending. Determining costs and prices. Economic business principles and achieving business success.					
4. Teaching methods:					
In lectures, problems are presented, and the discussion is opened where students can ask questions, give remarks and complement the presented course content.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Lecture attendance		Yes	10.00	Oral part of the exam	Yes 40.00
Test		Yes	50.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Rados Radivojević	Tehnika i društvo		Fakultet tehničkih nauka, Novi Sad	2004
2,	Entoni Gidens	Sociologija		Ekonomski fakultet, Beograd	2003
3,	Erika Malešević	Ekonomika u građevinarstvu i osnovi menadžmenta		UN. GF. Subotica	1999
4,	Ivo Marinić	Ekonomske analize u građevinarstvu (2 izdanje)		Fakultet tehničkih nauka	2002
5,	Radoš Radivojević	Sociologija rada		Zbornik	2005
6,	Rudi Volti	An Introduction to the Sociology of Work and Occupations		Sage Publications	2007
7,	Clifton D. Bryant, Dennis L. Peck	21st Century Sociology: A Reference Handbook		Sage Publications	2007



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Table 5.2 Course specification

Course:		Mathematical Methods 2			
Course id:	GG05				
Number of ECTS:	6				
Teacher:		Uzelac S. Zorica			
Course status:		Mandatory			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	3	0	0	0	
Precondition courses					
1. Educational goal:					
Enabling students for abstract thinking and acquiring basic knowledge in the field of mathematical algebra and analysis.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is used in professional courses. Student is competent for making, analysing and solving mathematical models in the further education within professional courses.					
3. Course content/structure:					
Real functions of one real variable – indefinite and definite integrals and application. Real functions of several real variables – limit value, indefiniteness, differential calculation and their application. Common differential equations of the first order. Common differential equations of the higher order; linear differential equations of the n-th order with constant coefficients; Euler's differential equation.					
4. Teaching methods:					
Lectures. Computing practice. Consultations. In lectures, theoretical content is presented and illustrated with examples for better understanding of the course content. In computing practice, tasks are done to deepen the understanding of the presented content. Apart from lectures and practice, individual consultations are held regularly. A part of the content, making a larger logical unit, can be passed during the teaching process in the form of 2 modules. First module: Real function of one real variable – indefinite and definite integrals and application. Second module: Real functions of several real variables – limit value, indefiniteness, differential calculus and application, ordinary differential equations of the first order, linear differential equations of the n-th order with constant coefficients, Euler's differential equation.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Oral part of the exam	Yes 10.00
Lecture attendance		Yes	5.00	Practical part of the exam - tasks	Yes 60.00
Test		Yes	10.00		
Test		Yes	10.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	I. Čomić, N. Sladoje	Integralni račun		FTN,Novi Sad,	1998
2,	I. Čomić, Lj. Pavlović	Funkcije više promenljivih		FTN, Novi Sad	2000
3,	I. Kovačević, V.Marić, M. Novković, B. Rodić	Matematička analiza I		Vedes, Beograd, 2004	2004
4,	I. Čomić, A. Nikolić	Diferencijalne jednačine		FTN. Novi Sad	1999



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Table 5.2 Course specification

Course:		Materials in Construction 2				
Course id:	GG09					
Number of ECTS:	7					
Teachers:	Malešev M. Mirjana, Radeka M. Miroslava, Radonjanin S. Vlastimir					
Course status:	Mandatory					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
4	0	2	0	0		
Precondition courses						
1. Educational goal:						
Obtaining knowledge on the procedures for manufacturing, the most important properties, investigation methods and application of the most often used construction materials and materials for special applications.						
2. Educational outcomes (acquired knowledge):						
Acquired knowledge is used by students in other professional courses and on graduating, in the engineering practice. Student is competent to choose and define the required properties of fundamental construction materials during the design, as well as to use and control the quality of these materials during building.						
3. Course content/structure:						
Manufacturing, most important properties, and application possibilities in construction practice of the following traditional and contemporary materials: Construction stone and aggregates for mortars and concrete; Construction ceramics (wall, roof, and ceramics for covers and paths); Non-organic binding materials (construction lime, construction gypsum, cements); Lime-silicate materials; Mortars (for plastering, for building, and special mortars, mortar content); Concrete – basic notions and concrete products (prefabricates); Wood and wood-based products, faults of wood and timber, timber durability and protection; Construction glass; Materials with special application (hydro insulation materials, thermal insulation materials, paints, lacquers and glues); Technical conditions and quality control for construction materials. Illustration of the application of traditional and contemporary materials for building via the survey of the most common structures in individual historical eras.						
4. Teaching methods:						
During lectures, presentations with photographs, tables, diagrams, formulas and emphasised text – definitions are used to explain the students the course content predicted by the curriculum. There are also short thematic films. In laboratory practice, students can observe or do by themselves the standard examinations of construction materials. A part of the practice is computing, where students use tasks to connect the presented course content with the construction practice. Professional excursion (construction fair and interesting structures under construction) is obligatory for all students.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Complex exercises		Yes	15.00	Coloquium exam	No	20.00
Homework		Yes	5.00	Coloquium exam	No	20.00
Homework		Yes	5.00	Oral part of the exam	Yes	55.00
Laboratory exercise attendance		Yes	2.00	Practical part of the exam - tasks	Yes	15.00
Lecture attendance		Yes	3.00			
Literature						
Ord.	Author	Title		Publisher		Year
1,	Mihailo Muravljov	Građevinski materijali		Građevinski fakultet Beograd i GROSknjiga		1995
2,	Mihailo Muravljov, Sekula Živković	Građevinski materijali - Zbirka rešenih ispitnih zadataka		Građevinski fakultet Univerziteta u Beogradu		1998
3,	Mirjana Malešev, Vlastimir Radonjanin	Materijali u gradjevinarstvu 2, tekst sa predavanja		predmetni nastavnici		2005



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Table 5.2 Course specification

Course:		Mechanics 1			
Course id:	GG07				
Number of ECTS:	6				
Teacher:		Simić S. Srboljub			
Course status:		Mandatory			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	2	0	0	0	
Precondition courses		None			
1. Educational goal:					
Introduction of basic principles and methods of statical analysis, and their application in the study of equilibrium of mechanical systems					
2. Educational outcomes (acquired knowledge):					
Students acquire theoretical and working knowledge of equilibrium analysis of mechanical systems. Acquired knowledge serves as a basis for analysis other professional courses and in engineering practice.					
3. Course content/structure:					
Basic concepts of mechanics: space, time, force, mass. basic models: particle, system of particles, rigid and deformable body. Axiom of inertia – statics of a particle. Basic principles (axioms) of the rigid body statics. System of concurrent forces. Moment of a force about a point, moment of a force about an axis, Varignon's theorem. A couple, reduction of a force to a point. Arbitrary system of forces. Coplanar forces - equilibrium. Equilibrium of the system of rigid bodies. Friction. Analysis of the arbitrary system of forces, static invariants, central axis, Varignon's theorem. Parallel forces. Center of gravity, centroid. Analysis of structures. Trusses - method of joints, method of sections. Beams and frames - axial force, shearing force and bending moment. Cables and catenaries. Analytical statics. Virtual displacement, virtual work of forces and couples. Principle of virtual work. Stability of equilibrium.					
4. Teaching methods:					
Lectures, exercises, consultations. During the lectures, theoretical background is presented. During the exercise classes, the acquired theoretical knowledge is applied in solution of diverse problems. Partial examinations are organized during the semester. Partial examination in the analzsis of structures is obligatory, while other ones can substitute appropriate parts of the written examination.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 40.00
Graphic paper		Yes	15.00	Oral part of the exam	Yes 30.00
Homework		Yes	5.00		
Lecture attendance		Yes	5.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Đ.S. Đukić, L.J. Cvetičanin	Statika		FTN, Novi Sad	2002
2,	L. Rusov	Mehanika - Statika		Naučna knjiga, Beograd	1992
3,	F.P. Beer, E.R. Johnston	Vector Mechanics for Engineers		McGraw-Hill, Boston	2004
4,	F. Ziegler	Mechanics of Solids and Fluids		Springer-Verlag, New York	1998
5,	D. Radomirović	Mehanika, prvi deo		Poljoprivredni fakultet, Novi Sad	2001
6,	I. Kovačić, Z. Rakarić	Zbirka zadataka iz statike I		FTN, Novi Sad	2006
7,	I. Kovačić, Z. Rakarić	Zbirka zadataka iz statike II (Nosači)		FTN, Novi Sad	2006
8,	S. Brčić	Tehnička mehanika I		Akadska misao	2012
9,	D. Gross, W. Hauger, J. Schröder, W.A. Wall, N. Rajapakse	Engineering Mechanics 1		Springer-Verlag Berlin	2009



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Table 5.2 Course specification

Course:		Civil Engineering Physics				
Course id: GG06						
Number of ECTS: 5						
Teachers:		Kozmidis-Petrović F. Ana, Lončarević M. Ivana				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
2		0	2	0		0
Precondition courses		None				
1. Educational goal:						
Acquiring basic knowledge in civil engineering physics important for civil engineering profession.						
2. Educational outcomes (acquired knowledge):						
Basic knowledge in civil engineering physics.						
3. Course content/structure:						
Gravitation and electro-magnetic interaction. Basics in electrostatics. Electrical field and potential. Conductors and dielectrics in an electric field. Electric currents. Direct currents, resistance. Contemporary theory on electrical conductivity. Electrical magnetism. Magnetic field of currents. Electro-magnetic induction. Magnetic field energy. Alternating currents. Oscillatory movement, vibrations, waves. Free variations. Damped oscillations. Forced vibrations. Wave equations. Doppler effect. Strength and strength level of sound. Sound reflection and absorption. Ultrasound. Optics. Fundamental laws in geometric optics. Reflection, dispersion and colour of a body. Wave optics. Polarization. Light diffraction and X ray diffraction. Photometry. Quantum characteristics of light, photo effect, lasers. Elements of the science on heat. Internal energy. Specific heat. Phase transitions. Air humidity. Heat expansion and stresses. Heat conductivity. Water vapour diffusion through walls. Airing. Heat radiation. Black body and Planck's law.						
4. Teaching methods:						
Lectures, laboratory practice, computing practice.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Laboratory exercise defence			Yes	20.00	Written part of the exam - tasks and theory	Yes 70.00
Lecture attendance			Yes	10.00		
Literature						
Ord.	Author		Title		Publisher	Year
1,	Ana Petrović		Građevinska fizika		Univerzitet u Novom Sadu Fakultet Tehničkih Nauka	2004
2,	M. Vučinić -Vasić, D. Čirić, T. Škrbić, M. Đurić		Zbirka zadataka iz fizike			2005
3,	Lj. Budinski Petkovic, S. Grujić, D. Ilić		Praktikum Laboratorijskih vezbi iz fizike			2006



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Table 5.2 Course specification

Course:		Geodesy			
Course id:	GG08				
Number of ECTS:	5				
Teacher:	Bulatović S. Vladimir				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	1	1	0	0	
Precondition courses		None			
1. Educational goal:					
Enabling students for understanding the area content, its presentation on the foundations of the projects, as well as acquiring basic knowledge in the filed of application of geodesy in civil engineering.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is used in professional courses. Student is competent to understand the space where project and construction activities of building are being realized during further education and in professional courses.					
3. Course content/structure:					
Fundamentals in geodesy. Contemporary geodetic instruments and equipment. GPS technology and application. Networks of permanent geodetic points on the physical earth surface. Topographic surveying. Terrestrial methods. Digital photogrammetry. Satellite shots and application. Elaboration of digital terrain models. Digital topographic foundations. Engineering geodesy. 3D methods for marking points, lines and planes. Geodetic works in the construction phase. GIS technology and its application in construction. Projects on the existing conditions as GIS applications. Geodetic measures for determining deformations in construction structures and the soil on which they stand.					
4. Teaching methods:					
Lectures. Work with equipments and individual practice. Consultations.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Graphic paper		Yes	20.00	Coloquium exam	No 20.00
Laboratory exercise attendance		Yes	5.00	Coloquium exam	No 20.00
Lecture attendance		Yes	5.00	Oral part of the exam	Yes 30.00
				Practical part of the exam - tasks	Yes 40.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	S. Kontić	Geodezija		Naučna knjiga	1996
2,	T. Ninkov	Posebna poglavlja iz inženjerske geodezije (skripta sa predavanja)		skripta sa predavanja	2004
3,	T. Ninkov	GIS tehnologija i njena primena		Građevinski rečnik	2001



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Table 5.2 Course specification

Course:		English Language – ESP Course			
Course id:	EJGR				
Number of ECTS:	2				
Teachers:	Bogdanović Ž. Vesna, Gak M. Dragana, Katić M. Marina, Ličen S. Branislava, Mirović Đ. Ivana, Šafranjić F. Jelisaveta				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	0	0	0	0	
Precondition courses					
None					
1. Educational goal:					
Through processing the specialized texts in the various civil engineering areas, students are introduced to professional terminology in English language for specific purposes. Texts are based on the topics that students are introduced with in other courses, so they expand their English vocabulary with known topics. Professional terminology is adopted, in accordance with definitions, classifications, terms and concepts adopted in contemporary European and world standards. Through the expansion of vocabulary, collocations, prefixes and suffixes the knowledge of the English language is expanded. Also, grammatical and lexical structures, important in profession for special purposes, are adopted.					
2. Educational outcomes (acquired knowledge):					
Enabling students, at the professional level, to acquire sufficient and adequately knowledge and communication skills in English for communication with clients, colleagues and employers.					
3. Course content/structure:					
Specialized texts in the following areas: fundamentals in civil engineering, theory of elasticity, fundamentals in mechanics, building structures, materials (cement, concrete, wood, steel), concrete structures, structural elements, loads, bridges and bridge types, precast systems, introduction to highway engineering, introduction to airport engineering, well-known structures in the country, and geodesy.					
4. Teaching methods:					
Teaching is held using the communication method of language learning. After a short introduction into the certain topic, students read the text and individually find unknown words in the glossary. After that, there is a discussion on the topics mentioned in the text and on conclusions presented by the text. A part of the class is dedicated to adopting and practicing new vocabulary using oral and written exercises, as well as to repeating and expanding knowledge on individual grammatical structures. Students are encouraged to work in groups or all together to discuss as much as possible using the English language.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Test		Yes	10.00	Written part of the exam - tasks and theory	Yes 40.00
Test		Yes	10.00	Oral part of the exam	Yes 30.00
Test		Yes	10.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Vesna Marković	English in Civil Engineering		Fakultet tehničkih nauka, Novi Sad	2004
2,	R. Popić, B. Lolić, N. Afgan	Naučno-tehnički rečnik		Gradjevinska knjiga, Beograd	2005
3,	Sekula Živković	Gradjevinski englesko-srpski srpsko-engleski rečnik		Orion Art, Beograd	2002



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Table 5.2 Course specification

Course:		German Language – Pre-Intermediate				
Course id: NJ02L						
Number of ECTS: 2						
Teachers:		Berić B. Andrijana, Jović Đ. Miomira				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:		Study research work:	Other classes:
2		0	0		0	0
Precondition courses						
1. Educational goal:						
Further developing the German language essentials, expansion of vocabulary related to various situations, extension in the usage of tenses, adoption of more complex sentence structures, introduction to culture, customs and ways of thinking of people speaking the German language, expansion and developing language communication competence.						
2. Educational outcomes (acquired knowledge):						
Students are capable of using both oral and written language in a number of everyday situations by using the expanding vocabulary and more complex grammar structures.						
3. Course content/structure:						
Practical part of the course: comprehending complex everyday spoken situations, developing the ability to understand the listened text. Theoretical part of the course: imperfect, part of passive structures, certain infinitive structures, subject and object clauses, conjunctive 2, question pronouns, relative pronouns with relative clauses, asking questions in indirect speech, final sentences with the linking word damit, verb rection, verb use of comparative and superlative, certain time sentences.						
4. Teaching methods:						
Emphasis is on communication, implying students` activity during the classes. During the communication, mutual interaction is essential.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam		Mandatory Points
Test		Yes	10.00	Written part of the exam - tasks and theory		Yes 35.00
Test		Yes	10.00	Oral part of the exam		Yes 35.00
Test		Yes	10.00			
Literature						
Ord.	Author	Title			Publisher	Year
1,	H. Aufderstraße, H. Bock, J. Müller. H. Müller	Themen aktuell 2			Hueber Verlag	2004



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Table 5.2 Course specification

Course:		English Language – Elementary				
Course id:	EJ01L					
Number of ECTS:	2					
Teachers:		Bogdanović Ž. Vesna, Gak M. Dragana, Katić M. Marina, Ličen S. Branislava, Mirović Đ. Ivana, Šafranjić F. Jelisaveta				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
2		0	0	0		0
Precondition courses						
None						
1. Educational goal:						
Mastering English language essentials: pronunciation of English sounds, adoption of vocabulary related to everyday situations, mastering the basics of English language morphology and syntax.						
2. Educational outcomes (acquired knowledge):						
Students are capable of using both oral and written English language in simple everyday situations.						
3. Course content/structure:						
Use of articles, nouns (plural), adjectives (types, possessive adjectives, comparison), pronouns (personal and possessive), auxiliary verbs (be, do, have), modal verbs. Construction and use of tenses (Present Simple, Present Continuous, Present Perfect, Past Simple, future forms. Interrogative and negative forms. Vocabulary related to daily topics: introductions, family, leisure time, business, food and drink, naming and describing daily objects, describing people and places, etc.						
4. Teaching methods:						
Communicative method is used since the objectives and content are directed towards communication, which is very complex. Emphasis is on students` communication with the teacher and among themselves, and on equal development of all language skills.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Test			Yes	10.00	Written part of the exam - tasks and theory	Yes 70.00
Test			Yes	10.00		
Test			Yes	10.00		
Literature						
Ord.	Author		Title		Publisher	Year
1,	John and Liz Soars		New Headway Elementary		Oxford University Press	2002
2,	N. Coe, M. Harrison, K. Peterson		Oxford Practice Grammar - Basic		OUP	2006
3,	grupa autora		Oxford Serbian - English Dictionary		Oxford University Press	2006



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Table 5.2 Course specification

Course:		Building Engineering 1			
Course id:	GG13				
Number of ECTS:	7				
Teacher:	Dražić J. Jasmina				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	2	0	0	0	
Precondition courses		None			
1. Educational goal:					
Acquiring basic knowledge in the field of building engineering (building structure, purpose, position, form, dimension and materialisation of all elements), and the elaboration of functional structures.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge presents the basis for attending and understanding professional courses dealing with building structure in general and its elements, using the method of calculating the influences, element dimensioning, organization and realization plans.					
3. Course content/structure:					
Notions and definitions, purpose, position, form, dimension and materialization of a building as basic elements in the methodology on building analysis. Building structure and systematization of its parts. Building division of functional segments, partitions and claddings. Elaboration of the functional parts of a structure. Elements of the functional parts of a structure in foundations. Structural elements in the body of a building; walls, columns, staircases. Roof structure. Building realization procedure using major construction works.					
4. Teaching methods:					
Teaching process is realized through lectures in the form of presentations and through graphic practice which students do individually during the classes assisted by the assistant. In practice classes, based on obtained information (from lectures and general introduction into practice), students solve the set tasks (graphic practice). Students are familiar with the content of the task, so they can prepare and bring literature which can be used during their work. All completed and positively graded tasks receive a certain number of points. The examination includes the entire course content from this semester and it is taken in written form. The examination grade is formed on the basis of lecture and practice attendance, points from graphic practice and written part of the examination.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Complex exercises		Yes	40.00	Written part of the exam - tasks and theory	Yes 50.00
Exercise attendance		Yes	5.00		
Lecture attendance		Yes	5.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	M. Letić, J. Dražić	Zgradarstvo		Fakultet tehničkih nauka	2001
2,	K. Martinković	Osnovi zgradarstva 1		Izgradnja - FTN	1985
3,	K. Martinković	Osnovi zgradarstva 2		Izgradnja-FTN	1987
4,	K.Martinković	Osnovi zgradarstva 3		Izgradnja-FTN	1988
5,	M.Petrović	Arhitektonske konstrukcije 2		Orion Art	2006
6,	R.Trbojević	Arhitektonske konstrukcije-masivni konstruktivni sklop		Orion Art	2003
7,	P.Krstić	Arhitektonske konstrukcije 1		Naučna knjiga, Beograd	1963
8,	P.Krstić	Arhitektonske konstrukcije 2		Naučna knjiga, Beograd	1963
9,	S. Ilić	Klasični drveni krovovi		Građevinska knjiga	2003



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Table 5.2 Course specification

Course:		Mechanics 2			
Course id:	GG14				
Number of ECTS:	5				
Teacher:		Kovačić N. Ivana			
Course status:		Mandatory			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	2	0	0	0	
Precondition courses		None			
1. Educational goal:					
Developing intelligence abstract concepts of mechanics and mechanical relationships and knowledge of the mechanics as one of the main areas in engineering education.					
2. Educational outcomes (acquired knowledge):					
Students use the acquired knowledge in their future education and in their practice after graduation from college.					
3. Course content/structure:					
Number of degrees of freedom. Position vector of the point. Middle and current velocity and acceleration points. Speed and acceleration points in the Cartesian coordinate system and the natural coordinate system. The radius of curvature paths. Distance traveled spots. Kinematics translatory movement of the body, rotation about a fixed axis and plane of movement. The principle of specificity. Newtons laws of dynamics. Types of force. Tasks dynamics. Differential equations of motion of a material point in the Cartesian coordinate system and natural. Free and forced vibrations of a material point. Momentum, work force and potential energy. General laws of particle dynamics. The theory of particle strikes on the stationary wall. Dynamics of a system of particles. The center of mass. The general laws of dynamics of the system. Internal work force rigid body. Working torque point and the team. Dynamics of translatory motion of a rigid body. The moment of inertia. Steiners theorem. Dynamics of rotation of a rigid body about a fixed axis. Physical pendulum. The dynamics of the plane motion of a rigid body.					
4. Teaching methods:					
Lectures. Auditory exercises. Consultation. Continuous monitoring of the level of students knowledge through two homework assignments, two tests (mandatory) and a colloquium (optional). Examination.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Homework		Yes	5.00	Coloquium exam	No 15.00
Homework		Yes	5.00	Oral part of the exam	Yes 35.00
Test		Yes	10.00	Practical part of the exam - tasks	Yes 35.00
Test		Yes	10.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Đorđe Đukić, Teodor Atanacković, Livija Cvetičanin	Mehanika		Univerzitet u Novom Sadu, Fakultet tehničkih nauka	2005
2,	Ratko B. Maretić	Zbirka rešenih zadataka iz Kinematike		Fakultet tehničkih nauka u Novom Sadu	2001



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Table 5.2 Course specification

Course:		Strength of Materials			
Course id:	GG15				
Number of ECTS:	8				
Teacher:	Novaković N. Branislava				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	4	0	0	0	
Precondition courses					
None					
1. Educational goal:					
The objective of the course is enabling students to analyse stresses and deformations occurring in structural elements, as well as to solve statically determinate and indeterminate problems. Dimensioning of structural elements.					
2. Educational outcomes (acquired knowledge):					
The acquired knowledge enables students to recognize and analyse stress conditions and deformations for elastic bodies on whose basis they can perform the dimensioning of elements. Students are capable to individually solve problems in the field of strength of materials.					
3. Course content/structure:					
Stress analysis. Stress tensor. Main stresses. Extreme values of tangential stresses. Deformation analysis. Deformation tensor. Hook's law. Planar stress condition and planar deformation condition. Conditions for compatibility. Hypotheses on strength of materials. Geometric characteristics of flat cross sections. Main momentums of inertia. Axially loaded pole. Statically indeterminate tasks in axially loaded poles. Torsion. Statically indeterminate tasks in torsion. Girder bending. Inclined bending and eccentric pressure. Cross section core. Statically indeterminate beams. Deformation work method. Betty-Maxwell's theorems. Castigliano's theorems. Maxwell-Moore's method. Verescagin's method. Solving statically indeterminate systems. Euler's method for stability analysis. Critical bending limits for some characteristic cases. Limitations for Euler's patterns. Tetmajer's method. Impact load. Hypothesis on failure.					
4. Teaching methods:					
Lectures. Auditory practice. Consultations. In lectures, the theoretical part of the course content is presented and complemented by characteristic examples. In practice, additional tasks are completed to broaden the lecture content. Regularly, in previously determined terms, consultations are held every week. Course content is divided into three modules: first module (stress, deformation, axially loaded pole) and second module (torsion, bending) and third module (buckling, deformation work) which can all be passed separately. If one does not take modules to pass, they can take written examination which is eliminatory. On passing the modules or written examination, students have to pass the oral examination. Oral examination is obligatory.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	2.00	Final exam - part one	Yes 70.00
Homework		Yes	5.00		
Lecture attendance		Yes	3.00		
Test		Yes	10.00		
Test		Yes	10.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	V. Brčić	Otpornost materijala		Građevinska knjiga, Beograd	1978
2,	S. Timosenko	Otpornost materijala		Gradjevinska knjiga, Beograd	1972
3,	T. Atanacković	Teorija elastičnosti		FTN Novi Sad	1993



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Table 5.2 Course specification

Course:		Mathematical Methods 3			
Course id: GG10					
Number of ECTS: 4					
Teacher:		Adžić Z. Nevenka			
Course status:		Mandatory			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	1	0	0	1	
Precondition courses					
1. Educational goal:					
Enabling students for abstract thinking and acquiring basic knowledge in advanced mathematics.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is used for solving mathematical models in professional courses.					
3. Course content/structure:					
Integrals of functions with several variables (double, triple, curve-lined and surface). Basic notions in Theory on Field. Series of numbers and functions. Power series.					
4. Teaching methods:					
Lectures, numerical practice (N), consultations with lecturer and assistant. Examination comprises 2 tests and 2 partial examinations taken in written form. Examination grade is formed on the basis of lecture attendance and points from tests and partial examinations.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Lecture attendance		Yes	10.00	Written part of the exam - tasks and theory	Yes 60.00
Test		Yes	30.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Nevenka Adžić i Joviša Žunić	Višestruki integrali i teorija polja		CMS Novi Sad	2011
2,	Nevenka Adžić i Aleksandar Nikolić	Teorija redova sa primerima		CMS Novi Sad	2011
3,	Nevenka Adžić	Zbirka zadataka iz višestrukih integrala i teorije polja			2011
4,	Nevenka Adžić	Zbirka zadataka iz teorije redova			2011



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Table 5.2 Course specification

Course:		Basics of design in civil engineering structures				
Course id: GG37						
Number of ECTS: 7						
Teachers:		Brujić S. Zoran, Đogo B. Mitar, Jakšić D. Željko, Kočetov-Mišulić Đ. Tatjana, Lađinović Ž. Đorđe				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:		Study research work:	Other classes:
4		1	0		0	1
Precondition courses		None				
1. Educational goal:						
Acquiring basic concepts and skills necessary for active participation in theoretical and professional advanced courses.						
2. Educational outcomes (acquired knowledge):						
Acquired knowledge have direct application in theoretical engineering subjects, in formulating and solving engineering of problems.						
3. Course content/structure:						
Introduction to the civil engineering industry, a brief history. Classification into subdisciplines. Profession and ethics of a civil engineer. Elements and assemblies of bearing and nonbearing structures. Types and methods of foundation. Combinations of materials and systems. Installations. Structural systems for buildings and engineering structures. Construction methods. The basic types and elements of hydraulic structures. Fundamentals of roads and traffic facilities. The process of design and construction of buildings and facilities. Regulations, rules and standards for the design. Planning and construction low - basic concepts. Mandatory content of the design project. Urban-technical conditions. Technical documentation - description and content. Permits and licenses. Sustainable development, environmental impact and energy efficiency of buildings. Management of civil engineering structures. Maintenance. Achievements in world and Serbian civil engineering.						
4. Teaching methods:						
The course is conducted through lectures, exercises and tutorials, as well as periodic visits to the construction sites and built structures.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Oral part of the exam	Yes 30.00
Graphic paper			Yes	20.00		
Lecture attendance			Yes	5.00		
Test			Yes	40.00		
Literature						
Ord.	Author	Title			Publisher	Year
1,	Grupa autora	Građevinski tehničar 1-5 (odabrana poglavlja)			GK Beograd	1992
2,	L.G. Kulkarni A.D. Pawar S.P.Nitsure	Basic Civil Engineering			Technical Publications Pune	2006
3,	Grupa autora	Pisana predavanja			FTN Novi Sad	2012



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Table 5.2 Course specification

Course:		Soil Mechanics			
Course id:	GG24				
Number of ECTS:	8				
Teacher:	Đogo B. Mitar				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	3	0	0	0	
Precondition courses					



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Table 5.2 Course specification

Course:		Building Engineering 2				
Course id:	GG16					
Number of ECTS:	5					
Teachers:	Dražić J. Jasmina, Jakšić D. Željko					
Course status:	Mandatory					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:		Other classes:	
3	2	0	0		0	
Precondition courses						
None						
1. Educational goal:						
Acquiring basic knowledge in the field of building engineering, expanding functional elements of claddings, partitions, basic elements in building designs, and procedures for opening and closing building sites.						
2. Educational outcomes (acquired knowledge):						
Acquired knowledge is a basis for attending and understanding professional courses (usage of project documentation, organization and building planning – construction and craftsmanship).						
3. Course content/structure:						
Elaboration of functional joints of claddings and partitions in roofs, body and basement. Functional elements in roofs, roof covers and roof terraces. Partitions in the body of the building, fixed partitions, walls and moveable partition windows and doors. Building protection problems in the substructure section (basement). Within the design, introduction to elements, content and elaboration of project documentation (all project phases included), types of insulation in building structures, procedure for obtaining permissions for building and adequate licences.						
4. Teaching methods:						
Teaching process is realized through lectures in the form of presentations and through graphic practice which students do individually during the classes assisted by the assistant. In practice classes, based on obtained information (from lectures and general introduction into practice), students solve the set tasks (graphic practice). Students are familiar with the content of the task, so they can prepare and bring literature which can be used during their work. All completed and positively graded tasks receive a certain number of points. The examination includes the entire course content from this semester and it is taken in written form. The examination grade is formed on the basis of lecture and practice attendance, points from graphic practice and written part of the examination.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam		Mandatory Points
Complex exercises		Yes	40.00	Written part of the exam - tasks and theory		Yes 50.00
Exercise attendance		Yes	5.00			
Lecture attendance		Yes	5.00			
Literature						
Ord.	Author	Title		Publisher		Year
1,	M.Letić, J.Dražić	Zgradarstvo		Fakultet tehničkih nauka		2001
2,	K. Martinković	Osnovi zgradarstva 1		Izgradnja - FTN		1985
3,	K. Martinković	Osnovi zgradarstva 2		Izgradnja - FTN		1987
4,	K. Martinković	Osnovi zgradarstva 3		Izgradnja - FTN		1988
5,	M.Petrović	Arhitektonske konstrukcije 2		Orion Art		2006
6,	R.Trbojević	Arhitektonske konstrukcije-masivni konstruktivni sklop		Orion-art, Beograd		2003
7,	P.Krstić	Arhitektonske konstrukcije 1		Naučna knjiga, Beograd		1963
8,	P.Krstić	Arhitektonske konstrukcije 2		Naučna knjiga, Beograd		1983
9,	S. Ilić	Klasični drveni krovovi		Građevinska knjiga		2003



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Table 5.2 Course specification

Course:		Fundamentals in Hydromechanics and Hydrotechnics			
Course id:	GG18				
Number of ECTS:	7				
Teachers:		Đurić V. Duško, Kolaković R. Srđan, Milutin N. Darko			
Course status:		Mandatory			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	1	1	0	0	
Precondition courses		None			
1. Educational goal:					
Enabling students in fundamental areas to obtain professional knowledge and application in practice.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is used as a base for further upgrades in professional courses.					
3. Course content/structure:					
Fundamentals in hydrology and hydrometrics. Physical and chemical properties of fluids. Hydrostatics, piezometer, manometer, absolute, atmospheric and hydrostatic pressure. Pressure forces onto flat and complex surfaces, fluid pressure onto pipe and reservoir walls. Hydro-kinematics, fluid velocity, flow, continuity equation, constant flow equation for ideal and real fluids. Application of Bernoulli's equation in concrete examples. Flow in pipelines, line and local losses of mechanical energy. Constant flow in conductors with open channels. Uniform flow with open channels, Chezy and Manning's equation, flow regimes "steady", "turbulent" and "critical". Non-uniform flow with open channels, transition regimes. Short structures, overflows, outflow and flow around bridge piers. Basic postulates in ground water flow, under pressure with open channels, Darcy's groundwater flow equation.					
4. Teaching methods:					
Teaching is held interactively in the form of lectures. In lectures, theoretical part of the course content is presented and accompanied by characteristic examples for better understanding of the course content. Apart from lectures, consultations are held regularly. Student can find lecture presentations in the electronic form as well. Part of the course content, making a logical segment, can be taken during the teaching process in the form of partial examination. Partial examinations are taken in written form, as tests.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Computer excersise defence		Yes	25.00	Written part of the exam - tasks and theory	Yes 40.00
Lecture attendance		Yes	5.00	Oral part of the exam	Yes 30.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	G.Hajdin	Uvođenje u hidrauliku		Građevinski fakultet u Beogradu	2002
2,	Batinić R., Radojković M.	Stacionarno strujanje u otvorenim tokovima prizmatičnog preseka		Građevinski fakultet, Beograd	1973



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Table 5.2 Course specification

Course:		Road and Traffic Networks						
Course id: GG20								
Number of ECTS: 6								
Teacher:		Uzelac D. Đorđe						
Course status:		Mandatory						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
3		3		0		0	0	
Precondition courses							None	
1. Educational goal:								
Enabling students to obtain professional knowledge and application in further professional development.								
2. Educational outcomes (acquired knowledge):								
Acquired knowledge is used in specialized courses.								
3. Course content/structure:								
Introduction. Roads and traffic evolution. Historical evolution. Classification of roads. Exploiting indicators in road design and road usage. Driver-vehicle-environment. Road cross sections. Elements of design geometry. Positional and levelling plan. Stakeout of road alignment. Roads design methodology. Urban roads. Soil and road construction materials. Construction and quality. Roads and airport pavement structures. Road maintenance and management. Railway design.								
4. Teaching methods:								
Lectures. Auditory, computing and graphic practice. Consultations.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory		Yes	30.00
Graphic paper			Yes	20.00	Oral part of the exam		Yes	40.00
Lecture attendance			Yes	5.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	Katanić J., Maletin M. Anđus V.		Projektovanje puteva			Građevinska knjiga, Beograd		1989
2,	Uzelac Đ.		Pisana predavanja					2002
3,	Maletin M.		Planiranje i projektovanje saobraćajnica u gradovima			Orion art, Beograd		2005
4,	Radojković Z.		Sistemi upravljanja kolovozima			Građevinska knjiga, Beograd,		1989



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES</p> <p style="text-align: right; margin: 0;">Civil Engineering</p>	

Table 5.2 Course specification

Course:		Actions on Structures			
Course id:	GG203				
Number of ECTS:	3				
Teachers:		Brujić S. Zoran, Kočetov-Mišulić Đ. Tatjana			
Course status:		Mandatory			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	0	0	0	0	
Precondition courses					
1. Educational goal:					
Enabling students to analyze diverse influences on building structures and their foundations.					
2. Educational outcomes (acquired knowledge):					
Knowledge on the nature of individual actions on structures, construction and foundation for their adequate inclusion into structural analysis in civil engineering.					
3. Course content/structure:					
Classification of actions (permanent, alternating, seismic and accidental). Volume weight of construction materials, dead weight of structural and non-structural elements, installations and equipment. Useful structure actions. Snow action. Actions of canes and machinery. Wind action. Temperature action and fire exposure action on structures. Action of soil, fluids and storage material. Actions in silos and reservoirs. Ice action and water and wave flow action. Traffic action on bridges. Seismic actions. Accidental actions from impacts and explosions. Actions in shelters. Other actions. Combining actions.					
4. Teaching methods:					
Lectures. Consultations. Partial examinations.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Test		Yes	30.00	Written part of the exam - tasks and theory	Yes 70.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	JUS	Zbirka jugoslovenskih pravilnika i standarda za građevinske konstrukcije - Knjiga 1 - Dejstva		Građevinski fakultet, Beograd	1995



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Table 5.2 Course specification

Course:		Foundation			
Course id:	GG32				
Number of ECTS:	8				
Teacher:	Đogo B. Mitar				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	3	0	0	0	
Precondition courses					
1. Educational goal:					
Enabling students to acquiring professional knowledge and application in practice.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is used in the course Geotechnics and in the engineering practice.					
3. Course content/structure:					
Basic mechanical soil properties. Basics for foundation design. Selection of foundation depth. Basic foundation types and their properties. Specific foundation conditions: foundations on rocks, foundations on collapsible soil, foundations on expansion soil, foundations on improved soil. Spread footing: massive foundations, strip foundations, concrete pier foundations, steel pile foundations, common foundations for more piles, foundations grids and T-beam foundations. Deep foundations. Pile foundations. Caissons. Diaphragms. Foundation pits. Sheet pile walls. Retaining structures. Lowering groundwater level, protection of foundation pits from groundwater, hydro-insulation.					
4. Teaching methods:					
Lectures and auditory practice.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Oral part of the exam	Yes 30.00
Graphic paper		Yes	20.00	Practical part of the exam - tasks	Yes 40.00
Lecture attendance		Yes	5.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Milović D., Đogo M.	Greške u fundiranju		FTN	2005
2,	Stevanović S.	Fundiranje građevinskih objekata		Izgradnja	2006
3,	Sklena J., Vujadinović N.	Proračun temelja		Metromarketing	1998



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Table 5.2 Course specification

Course:		Structural Analysis 1			
Course id:	GG22				
Number of ECTS:	9				
Teacher:	Lađinović Ž. Đorđe				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	4	0	0	0	
Precondition courses					
None					
1. Educational goal:					
Obtaining knowledge necessary for the analysis on stress and strain of statically determinate line structures due to constant and moveable loads.					
2. Educational outcomes (acquired knowledge):					
Enabling students to calculate and analyse all types of statically determinate line girders applied in construction. Acquired knowledge can be used in professional courses and in professional practice.					
3. Course content/structure:					
Technical theory on rod bending in a plane. Geometry on rod deformation and force geometry. Basic unknowns and basic equations, static and mathematical classification of girders. Theorems on girder energy. Principles of virtual motion, principle of virtual forces and their application. Influential functions, influential lines and their application. Statically determinate girders: determining the support reaction and forces in cross sections of solid and trussed girders; knot method, decomposition method, element replacement method, application of virtual motion principle. Construction of influential lines: static method, kinematical method, element replacement method. Deformation of statically determinate girders. Determining particle movement and cross section torsion; geometric solution, application of virtual forces principle. Statically kinematical analogy, determining movement diagrams for solid and trussed girders. Theorems on mutual actions. Construction of influential lines for deformation sizes.					
4. Teaching methods:					
Lectures, numerical – graphic practice, consultations. Practice are held in groups, and processed tasks fully follow the lecture content. Condition for taking the exam is positively evaluated individual tasks, as well as required success at the two theoretical partial examinations.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 30.00
Graphic paper		Yes	20.00	Coloquium exam	No 40.00
Lecture attendance		Yes	5.00	Oral part of the exam	Yes 40.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	Đurić M., Perić-Đurić O.	Statika konstrukcija		Građevinska knjiga, Beograd	1990
2,	Đurić M., Nikolić D.	Statika konstrukcija – uticaj pokretnog opterećenja		Naučna knjiga, Beograd	1990
3,	Đorđević R.	Statika konstrukcija		Fakultet tehničkih nauka, Novi Sad	1998
4,	Nikolić D.	Statika konstrukcija, Zbirka rešenih ispitnih zadataka		Naučna knjiga, Beograd	1986
5,	Folić R.	Statika konstrukcija, Zbirka rešenih zadataka		Fakultet tehničkih nauka, Novi Sad	1987
6,	Lađinović Đ	Statika konstrukcija 1		Fakultet tehničkih nauka, Novi Sad	2007



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Table 5.2 Course specification

Course:		Theory on Concrete Structures 1				
Course id: GG25						
Number of ECTS: 6						
Teachers:		Brujić S. Zoran, Lađinović Ž. Đorđe				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
3		2	0	0		0
Precondition courses		None				
1. Educational goal:						
Enabling students to apply principles and methods for calculating and dimensioning reinforced concrete cross sections and elements.						
2. Educational outcomes (acquired knowledge):						
Knowledge and application of principles and methods for calculating and dimensioning reinforced concrete cross sections and elements. Necessary fundamentals for other professional courses in the field.						
3. Course content/structure:						
Review and development of concrete and reinforced concrete structures and technical regulations. Concrete and reinforcement, joint work (physical properties, sectional distribution of reinforcement, shaping the reinforcement, anchorage and continuation of reinforcement, local stresses). Ultimate states. Ultimate limit states: methods to determine the effects (linear theory, linear theory of limited redistribution, nonlinear theory, the theory of plasticity). Working relationships for concrete and reinforcing steel, stress-strain fields of RC-section, partial safety factors. Design of RC-sections: bending moments and axial forces, transverse forces and torsional moments. Interaction diagrams. Buckling of RC columns. Strut-and-tie method.						
4. Teaching methods:						
Lectures, exercises, consultations, preparation and defense of the project.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	0.00	Oral part of the exam	Yes 35.00
Lecture attendance			Yes	0.00	Practical part of the exam - tasks	Yes 35.00
Project task			Yes	30.00		
Literature						
Ord.	Author	Title			Publisher	Year
1,	Pakvor A., Tatomirović M.	Teorija betonskih konstrukcija			Fakultet tehničkih nauka, Novi Sad	2003
2,	Radosavljević Ž.	Armirani beton, Knjiga 2 – Teorija graničnih stanja			Građevinska knjiga, Beograd	1986
3,	Ačić M., Pakvor A., Perišić Ž.	Teorija armiranobetonskih i prethodno napregnutih konstrukcija			Građevinski fakultet, Beograd	1983
4,	Grupa autora	Priručnik za primenu Pravilnika za beton i armirani beton BAB87. Tom 1 i Tom 2			Građevinski fakultet, Beograd	2002



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Table 5.2 Course specification

Course:		Hydrotechnical Facilities and Systems				
Course id: GG301						
Number of ECTS: 7						
Teachers:		Đurić V. Duško, Kolaković R. Srđan, Milutin N. Darko				
Course status:		Mandatory				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
4		2	0	0		0
Precondition courses None						
1. Educational goal:						
Introducing students to practical problems and acquiring professional knowledge for the application in practice in the field of water planning and management.						
2. Educational outcomes (acquired knowledge):						
Acquired knowledge is directly applicable in engineering practice, as well as for understanding and upgrading knowledge from other courses.						
3. Course content/structure:						
Hydrometrics and hydrology, levelgram, hydrograph, connection between flow and water level, presentable rain and hydrograph, statistic data processing. Hydrotechnical facilities, classification and specificities, water action on hydrotechnical facilities. Building materials, static and dynamic water pressure and influence of seismics, waves, ice action, safety to sliding, turning and rising to the surface. Water filtration beneath facilities, structure instability due to soil structure changes beneath the facility, uplift, measures for uplift decrease. Structure building in the zone of surface water and groundwater action. Hydrotechnical systems, water regulation, flood protection, hydrotechnical melioration, water energy usage, municipal infrastructure systems.						
4. Teaching methods:						
Teaching is performed interactively in the form of lectures, auditory and computer practice. At lectures, theoretical part of the course content is presented, followed by the characteristic examples for better understanding. At auditory practice, characteristic exercises are solved and the course content is explained in more detail. Apart from lectures and practice, consultations are regular. A part of the course content that makes a logical unit can be taken during the teaching process in the form of partial examinations. Partial examinations are taken in written form and as tests. Examination grade is made on the basis of: lecture and practice attendance, partial examination grade and written examination grade (combined exercises and theory).						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes 70.00
Graphic paper			Yes	20.00	Coloquium exam	No 70.00
Lecture attendance			Yes	5.00		
Literature						
Ord.	Author	Title			Publisher	Year
1,	Kolaković S.	Skripta pisanih predavanja			FTN-Novı Sad	2006
2,	Savić LJ.	Uvod u hidrotehničke građevine			Građevinski fakultet, Beograd	2003
3,	Kolaković S., Tanasković I.	Praktikum za vežbe iz hidrotehnik			FTN-Novı Sad	2006



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Table 5.2 Course specification

Course:		Concrete Technology			
Course id:	GG21				
Number of ECTS:	5				
Teachers:		Malešev M. Mirjana, Radonjanin S. Vlastimir			
Course status:		Mandatory			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	1	1	0	0	
Precondition courses					
1. Educational goal:					
Obtaining knowledge on the specificities of component materials, properties and methods for examining fresh and hardened concrete, designing content and designing concrete, traditional and contemporary technologies for concrete production and performing concrete works.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is used in professional courses and in engineering practice. Students are competent to select the adequate type of "normal" concretes and design its content, the technology for constructing concrete structures, to monitor and examine the concrete quality during the building process and to elaborate the concrete project. Acquired competencies can be used in designing and building concrete structures.					
3. Course content/structure:					
Component materials for concrete. Structure and properties of fresh concrete (rheological properties, technological properties, other properties). Structure and properties of hardened concrete (micro and macro structure, basic strength laws, strength under pressure, resistance to compression and shearing, module of elasticity and Poisson's coefficient). Rheological properties of hardened concrete. Special properties of concrete (resistance to frost action, resistance to frost action and melting salts, resistance to wear, water-resistant concrete). Designing content for diverse concrete types. Mixing concrete, transporting concrete, building-in concrete and protecting concrete. Building basic concrete structures. Special procedures for concrete works and building-in concrete. Accelerating the concrete hardening. Concrete works in extreme climate conditions. Concrete quality control. Project on concrete.					
4. Teaching methods:					
During lectures, presentations with photographs, tables, diagrams, formulas and emphasised text – definitions are used to explain the students the course content predicted by the curriculum. There are also short thematic films. In laboratory practice, students can observe the procedures for mixing concrete and examining basic properties of fresh and hardened concrete. A part of the practice is computing, where students use tasks to connect the presented course content with the construction practice. Professional excursion (a concrete factory and interesting structures under construction with concrete works) is obligatory for all students. The examination comprises theoretical and practical – written part, where the written part is eliminatory. Written part of the examination includes computing tasks. During the semester, the first course field can be taken in one partial examination, and the other field in the examination. Theoretical part of the examination can be taken during the exa					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Graphic paper		Yes	20.00	Coloquium exam	No 20.00
Laboratory exercise attendance		Yes	5.00	Oral part of the exam	Yes 40.00
Lecture attendance		Yes	5.00	Practical part of the exam - tasks	Yes 30.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	Mihailo Muravljov	Osnovi teorije i tehnologije betona		Građevinska knjiga, Beograd	1991
2,	Mihailo Muravljov, Dimitrije Zakić	Tehnologija betona - Zbirka rešenih ispitnih zadataka		Građevinski fakultet Univerziteta u Beogradu	2003
3,	Vlastimir Radonjanin, Mirjana Malešev	Tehnologija betona - materijal sa predavanja		autori - predmetni nastavnici	2005



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Table 5.2 Course specification

Course:		Theory on Concrete Structures 2				
Course id:	GG28					
Number of ECTS:	5					
Teacher:	Brujić S. Zoran					
Course status:	Mandatory					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
2	2	0	0	0		
Precondition courses						
None						
1. Educational goal:						
Enabling students for design, application of principles and methods for calculating and dimensioning prestressed elements, as well as for the analysis on the condition of usability of reinforced concrete and prestressed elements.						
2. Educational outcomes (acquired knowledge):						
Knowledge and application of principles and methods for calculating and dimensioning prestressed elements, as well as the analysis on conditions of usability of reinforced concrete and prestressed elements. Necessary fundamentals for other professional courses in the field of concrete structures.						
3. Course content/structure:						
Limit states of reinforced and prestressed concrete elements: the calculation of sectional stress-strain distribution, calculation of deflections/deformations and cracks. Limit deflections and crack widths. The design criteria. Review and development of prestressed concrete elements and technical regulations. Prestressing models (pre and post tensioning). Principles, systems and levels of prestressing. Properties of the concrete (concrete creep and shrinkage) and reinforcement (strength, stress relaxation). Working relationships of concrete and steel for prestressing. Concrete creep theory and algebraic stress-strain relationship. Design of prestressed sections and the allowable stresses of ultimate bearing capacity. Short- and long-term time losses of the prestressing force. Cable route, cable anchoring, the length of the introduction of the force and ensuring the elements by reinforcement. Limit state of crack initiation. The application of the PN within linear and shell elements.						
4. Teaching methods:						
Lectures, exercises, consultations, preparation and defense of the project.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points	
Exercise attendance		Yes	0.00	Oral part of the exam	Yes 35.00	
Lecture attendance		Yes	0.00	Practical part of the exam - tasks	Yes 35.00	
Project task		Yes	30.00			
Literature						
Ord.	Author	Title		Publisher	Year	
1,	Ačić M., Pakvor A., Perišić Ž.	Teorija armiranobetonskih i prethodno napregnutih konstrukcija		Građevinski fakultet, Beograd	1983	
2,	Pakvor A., Tatomirović M.	Teorija betonskih konstrukcija		Fakultet tehničkih nauka, Novi Sad	2003	
3,	Alendar V.	Prethodno napregnuti beton		Građevinski fakultet, Beograd	2003	
4,	Radosavljević, Ž.	Armironi beton 2: Teorija graničnih stanja		Građevinska knjiga, Beograd	1986	
5,	Grupa autora	Priručnik za primenu Pravilnika za beton i armirani beton BAB87. Tom 1 i Tom 2		Građevinski fakultet Beograd	2002	



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Table 5.2 Course specification

Course:		Structural Analysis 2			
Course id:	GG26				
Number of ECTS:	8				
Teacher:	Lađinović Ž. Đorđe				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	4	0	0	0	
Precondition courses		None			
1. Educational goal:					
Obtaining knowledge necessary for the analysis on stress and strain of statically indeterminate line structures due to constant and moveable loads.					
2. Educational outcomes (acquired knowledge):					
Enabling students to calculate and analyse all types of statically indeterminate line girders applied in construction. Acquired knowledge can be used in professional courses and in professional practice					
3. Course content/structure:					
Survey of basic equation for linear theory on rods. Classic and matrix formulation. Statically indeterminate girders. Force method: basic system, forming and solving conditional equations, solution control. Calculating displacements. Construction of influential lines for statically unknown forces and cross section forces. Influential lines for displacements. Elastic centroid. Approximate deformation method: basic unknowns, deformation indeterminate girders, forming conditional equations and solution control, influence of moveable loads. Hardy Cross procedure. Symmetric girders. Matrix analysis on line systems: basic notions and basic unknowns. Girders in plane: rod stiffness matrix, reaction vector, base stiffness matrix, transformation matrix, compatibility matrix, conditional equations, contour conditions, knot displacement determination, calculating force at rod ends. Orthogonal frames. Spatial girders. Continual girders. Software application for structural analysis.					
4. Teaching methods:					
Lectures, numerical – graphic practice, consultations. Practice are held in groups, and processed tasks fully follow the lecture content. Condition for taking the exam is positively evaluated individual tasks, as well as the required success at the partial examination or the defended seminar paper.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 30.00
Graphic paper		Yes	20.00	Coloquium exam	No 40.00
Lecture attendance		Yes	5.00	Oral part of the exam	Yes 40.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	Đurić M., Perić-Đurić O.	Statika konstrukcija		Građevinska knjiga, Beograd	1990
2,	Đurić M., Nikolić D.	Statika konstrukcija - uticaj pokretnog opterećenja		Naučna knjiga, Beograd	1990
3,	Đorđević R.	Statika konstrukcija		Fakultet tehničkih nauka, Novi Sad	1998
4,	Sekulović M.	Matrična analiza konstrukcija		Građevinska knjiga, Beograd	1991
5,	Nikolić D.	Statika konstrukcija - zbirka rešenih ispitnih zadataka		Naučna knjiga, Beograd	1986
6,	Folić R.	Statika konstrukcija - zbirka rešenih ispitnih zadataka		Fakultet tehničkih nauka, Novi Sad	1987
7,	Wilson E.L.	Three-Dimensional Static and Dynamic Analysis of Structures		Prentice Hall	2002



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES</p> <p style="text-align: right; margin: 0;">Civil Engineering</p>	

Table 5.2 Course specification

Course:		Metal Structures 1				
Course id:	GG27					
Number of ECTS:	7					
Teacher:	Kisin S. Srđan					
Course status:	Mandatory					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
3	3	0	0	0		
Precondition courses						
1. Educational goal:						
Acquiring knowledge in the calculation fundamentals for elements and joints in metal structures.						
2. Educational outcomes (acquired knowledge):						
Enabling students in the design of elements and joints in civil engineering practice						
3. Course content/structure:						
Basic notions and modelling. Materials for manufacturing metal structures. Load analysis. Dimensioning procedures. Element joining procedures. Calculation means for joining elements. Calculation and design of joints and splicings. Dimensioning and designing columns and girders. Bearings.						
4. Teaching methods:						
Lectures. Auditory and graphic practice. Consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points	
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 40.00	
Graphic paper		Yes	20.00	Coloquium exam	No 30.00	
Lecture attendance		Yes	5.00	Oral part of the exam	Yes 30.00	
Literature						
Ord.	Author	Title		Publisher	Year	
1,	Milosavljević, Radojković, Kuzmanović	Osnovi čeličnih konstrukcija		Građevinska knjiga, Beograd	1978	
2,	Buđevac, Marković, Bogavac, Tošić	Metalne konstrukcije-Osnove proračuna i konstruisanja		Građevinska knjiga, Beograd	1999	
3,	Kisin S.	Stabilnost metalnih konstrukcija		Građevinska knjiga, Beograd	2001	
4,	Zarić B., Stipanić B., Buđevac D	Čelične konstrukcije u građevinarstvu		Građevinska knjiga, Beograd	2004	



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Table 5.2 Course specification

Course:		Theory on Plates and Shells			
Course id:	GG36				
Number of ECTS:	5				
Teacher:	Kovačević I. Dušan				
Course status:	Mandatory				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	2	0	0	0	
Precondition courses					
1. Educational goal:					
Acquiring knowledge in the field of modelling and analysing plates and shells for diverse usage.					
2. Educational outcomes (acquired knowledge):					
Ability to model and analyse plates and shells for diverse usage.					
3. Course content/structure:					
Basic notions in the theory on plates and shells. Bending theory on thin plates. Navier's solution. M. Levy's solution. Bending theory on thin circular plates. Finite difference method. Modelling using the finite difference method. Plane theory on plates. Plane stress of plates. Wall girders. Plane strain theory. Plane strain theory in polar coordinates. Modelling using the finite element method. Membrane theory of shells. Membrane theory of cylindrical shells. Bending theory of rotational circular shells with rotational symmetrical loading. Bending theory of circular cylindrical shells with rotational symmetrical loading. Modelling using the finite element method.					
4. Teaching methods:					
Interactive work with students in order to continually follow-up the students' knowledge level. Theoretical analysis on phenomena included in the course content and numerical modelling.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Complex exercises		Yes	30.00	Written part of the exam - tasks and theory	Yes 70.00
Coloquium exam				No	70.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	Nikola Hajdin	Teorija površinskih nosača: ploče napregnute na savijanje, ploče napregnute u svojoj ravni, ljuske		Naučna knjiga	1989
2,	Dušan Kovačević	MKE modeliranje u analizi konstrukcija		Građevinska knjiga	2006
3,	Vlade Vračarić	Teorija površinskih nosača		FTN, Novi Sad	1985



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Table 5.2 Course specification

Course:		Timber Structures			
Course id:	GG34				
Number of ECTS:	5				
Teacher:	Kočetov-Mišulić Đ. Tatjana				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	2	0	0	0	
Precondition courses					
1. Educational goal:					
Acquiring knowledge and skills necessary for the design, construction and maintenance of the common structures of timber, glulam and wood-based products.					
2. Educational outcomes (acquired knowledge):					
Students competence for solving problems of everyday practice in the construction of timber structures.					
3. Course content/structure:					
Wood as a structural building material. Wood properties - physical, mechanical, technical. Actions, allowed stresses and limit states (ultimate and serviceability). Wood-fire relationship. Fasteners. Design of bearing capacity and stability of the wood elements according to the current regulations. Carpenter joints. Joints and connections with fasteners in the timber structures. Timber roofs: traditional wooden roofs and truss structures. Building systems made from timber and wood-based panels. Glue Laminated timber (glulam) - production, design of straight and curved beams of varying and constant cross-section. Joints, connections and supports of glulam structures. The spatial stability of structures with frame made of solid and/or glulam timber. Assembly, protection and maintenance of timber buildings.					
4. Teaching methods:					
Course is done through lectures (PowerPoint presentations), numerical-graphic tasks (ilustrative examples and case studies), as well as tutorials. Attendance is obligatory. Pre-exam obligations are: two design homeworks (independently or in organized teams) with explanation of suggested solution. Exam consist from colloquium, written and oral part. To pass succesfully, students must meet the required knowledge level from all forms of pre-exam and exams obligations.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Project task		Yes	30.00	Oral part of the exam	Yes 10.00
Test		Yes	20.00	Practical part of the exam - tasks	Yes 40.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	Gojković M., Stojić D.	Drvene konstrukcije		Građevinski fakultet & Grosknjiga	1996
2,	Gojković M., Stevanović B. i dr.	Drvene konstrukcije - zbirka zadataka i izvodi iz propisa		Građevinski fakultet Univerziteta u Beogradu	2009
3,	Lončarić D.	Drvene konstrukcije 1		Građevinski fakultet Univerziteta u Sarajevu	2007
4,	Ilić S.	Klasični drveni krovovi		Građevinska knjiga	1989
5,	SRPS	Drvene konstrukcije - knjiga 4		Građevinski fakultet, Beograd	1995
6,	Evrokod 5 - proračun drvenih konstrukcija	Evrokod 5 - DEO 1-1: Opšta pravila i pravila za zgrade		Građevinski fakultet Univerziteta u Beogradu	2009



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Table 5.2 Course specification

Course:		Hydraulics					
Course id:	GH403						
Number of ECTS:	6						
Teacher:		Salvai A. Atila					
Course status:		Elective					
Number of active teaching classes (weekly)							
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:			
3	2	1	0	0			
Precondition courses		None					
1. Educational goal:							
Enabling students in fundamental areas for acquiring professional knowledge and for application in practice.							
2. Educational outcomes (acquired knowledge):							
Acquired knowledge is used as a basis for further upgrading in professional courses.							
3. Course content/structure:							
Flows in open canals and water courses of prismatic and non-prismatic cross sections. Transition regimes and calculations on non-uniform flows in open conductors. Small structures and local changes in a flow. Distribution of stresses and introduction of logarithmic laws for velocity distribution in a turbulent planar or axially symmetric current. Ground water flows, dams with a free level, flows under pressure, multi-layered porous surroundings, flows towards a single well and a group of wells, flows through and under dams and embankments.							
4. Teaching methods:							
Teaching is performed interactively in the form of lectures, auditory, laboratory and computer practice. At lectures, theoretical part of the course content is presented, followed by the characteristic examples for easier understanding of the course content. At auditory practice, characteristic exercises are solved and the course content is explained in more detail. At laboratory practice, acquired knowledge is practically applied on the available laboratory equipment. Apart from lectures and practice, consultations are regular. A part of the course content that makes a logical unit can be taken during the teaching process in the form of partial examinations. Partial examinations are taken in written form and as tests. Examination grade is made on the basis of: lecture and practice (auditory, laboratory and computer) attendance, partial examination grade and written examination grade (combined exercises and theory).							
Knowledge evaluation (maximum 100 points)							
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points	
Computer exercise attendance		Yes	10.00	Written part of the exam - tasks and theory		Yes	70.00
Exercise attendance		Yes	5.00	Coloquium exam		No	70.00
Laboratory exercise attendance		Yes	10.00				
Lecture attendance		Yes	5.00				
Literature							
Ord.	Author	Title		Publisher		Year	
1,	Arandelović D.	Hidraulika u oblasti građevinarstva		Građevinski arhitektonski fakultet, Niš		2000	
2,	Batinić B.	Hidraulika		Građevinski fakultet, Beograd		1994	



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Table 5.2 Course specification

Course:		Road Structures			
Course id:	GP402				
Number of ECTS:	6				
Teacher:	Uzelac D. Đorđe				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	2	0	0	0	
Precondition courses		None			
1. Educational goal:					
Enabling students for acquiring professional knowledge and application in practice					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is used in professional work in the field of roads.					
3. Course content/structure:					
Introduction – history, basic postulates, types and specificities of road structures. Road mechanics – models of road structures, fundamental physical and mechanical properties and material fatigue, breaking definitions. Input data – traffic load, formation level, road structure layers – materials. Dimensioning based on empirical methods and calculation models based on road mechanics. Application in diverse road types: flexible, semi-stiff and stiff. Influence of climatic and other factors. Evaluation of road conditions, condition indicators. Designing reinforcement for existing roads.					
4. Teaching methods:					
Lectures, practice, consultations.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 30.00
Laboratory exercise attendance		Yes	20.00	Coloquium exam	No 15.00
Lecture attendance		Yes	5.00	Coloquium exam	No 15.00
				Oral part of the exam	Yes 40.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	Cvetanović A, Banić B.	Kolovozne konstrukcije		Akadska misao, Beograd	2007
2,	Uzelac Dj.	Pisani materijali koji se distribuiraju na predavanjima i vežhama			2007



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Table 5.2 Course specification

Course:		Structural Stability and Dynamics						
Course id: GG29								
Number of ECTS: 5								
Teacher:		Kovačević I. Dušan						
Course status:		Elective						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
3		2		0		0	0	
Precondition courses								
1. Educational goal:								
Acquiring knowledge in modelling and analysing geometric nonlinear behaviour of structures and the behaviour of structures for dynamic actions.								
2. Educational outcomes (acquired knowledge):								
Enabling students for modelling and analysing geometric nonlinear behaviour of structures and the behaviour of structures for dynamic actions.								
3. Course content/structure:								
Geometric, static and material nonlinearity. Theory of first and second order. Notion of stability. Bifurcation theory. Linear theory of first and second order. Euler's bending cases. Bending lengths. Differential equation of rod bending. Evaluation of rod stability parameters. Stability of rod systems. Deformation method. Modelling the nonlinear structure behaviour. Finite element method. Dynamic load action. Dynamic structural method. Differential equations on system motion with one or more degrees of freedom. Free and forced vibrations of the system with one degree of freedom with and without damping. Free and forced vibrations without system damping with more degrees of freedom. Earthquake action and structural response. Method of analysing structures for seismic action. Principles of aseismic design of high buildings.								
4. Teaching methods:								
Interactive work with students in order to continually monitor their knowledge level. Theoretical analysis on the phenomena included in the course content and numerical modelling.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Complex exercises			Yes	30.00	Written part of the exam - tasks and theory		Yes	70.00
Coloquium exam							No	70.00
Literature								
Ord.	Author		Title			Publisher		Year
1,	Slavko Ranković		Stabilnost konstrukcija			Naučna knjiga		1993
2,	Vlatko Brčić		Dinamika konstrukcija			Građevinska knjiga		1989
3,	Dušan Kovačević		MKE modeliranje u analizi konstrukcija			Građevinska knjiga		2006



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Table 5.2 Course specification

Course:		Hydrology with Hydrometry			
Course id:	GH502				
Number of ECTS:	4				
Teacher:		Milutin N. Darko			
Course status:		Elective			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	1	1	0	0	
Precondition courses		None			
1. Educational goal:					
Enabling students in fundamental areas for acquiring professional knowledge and for application in practice.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is used as a basis for further upgrading in professional courses.					
3. Course content/structure:					
Hydrological cycle, precipitation, evaporation and transpiration, infiltration, runoff, small river waters, large river waters, flood wave propagation, water accumulation, thermal water regime. Measuring water level, water mirror fall, water depth, water speed, flow, water sediment movement. Dependency between water level and water flow, water sediment movement and water flow. Data processing.					
4. Teaching methods:					
Teaching is performed interactively in the form of lectures, auditory, laboratory and computer practice. At lectures, theoretical part of the course content is presented, followed by the characteristic examples for easier understanding. At auditory practice, characteristic exercises are solved and the course content is explained in more detail. At laboratory practice, acquired knowledge is practically applied on the available equipment. Apart from lectures and practice, consultations are regular. A part of the course content that makes a logical unit can be taken during the teaching process in the form of partial examinations. Partial examinations are taken in written form and as tests. Examination grade is made on the basis of: lecture and practice (auditory, laboratory and computer) attendance, partial examination grade and written examination grade (combined exercises and theory).					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Computer exercise attendance		Yes	2.50	Written part of the exam - tasks and theory	Yes 35.00
Exercise attendance		Yes	2.50	Oral part of the exam	Yes 35.00
Homework		Yes	20.00		
Laboratory exercise attendance		Yes	2.50		
Lecture attendance		Yes	2.50		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Zelenhaasić E.	Inženjerska hidrologija		Naučna knjiga Beograd	1991
2,	Jovanović S.	Hidrometrija		Građevinski fakultet Beograd	1980



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Table 5.2 Course specification

Course:		Concrete Structures			
Course id:	GG30				
Number of ECTS:	7				
Teachers:		Brujić S. Zoran, Kočetov-Mišulić Đ. Tatjana			
Course status:		Elective			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	3	0	0	0	
Precondition courses					
1. Educational goal:					
Training students to work on the design of reinforced concrete elements and structures, their execution and maintenance.					
2. Educational outcomes (acquired knowledge):					
Knowledge of reinforced concrete elements and their properties in order to optimum use in designing (calculation, modeling and analysis) of reinforced concrete structures of facilities of diverse purpose.					
3. Course content/structure:					
The concept and basics of reinforced concrete structural design (reinforced concrete properties, design models, methods for determining the static forces, aggressive environment, reliability of structures, the principles of design of elements, complementary behavior of concrete and steel, the theoretical spans, supports, dilatation, ultimate limit states). Linear reinforced concrete elements (beams, columns, frames, arcs, combined linear girders, ring beams, corbels). Reinforced concrete slabs (one- and two-way slabs, flat slabs, circular and annular slabs, openings). Wall beams. RC elements in shallow foundation (footings, strip foundation, foundation beams, grids, slabs). Reinforced concrete industrial facilities (elements, dispositions, analysis and load transfer, and the effects of static systems, design elements, specificity). Multi-story reinforced concrete building (classification, operations, budget and distribution of static forces, the effects of slenderness, aseismic design).					
4. Teaching methods:					
Lectures, exercises, consultations, preparation and defense of the project.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	0.00	Oral part of the exam	Yes 35.00
Lecture attendance		Yes	0.00	Practical part of the exam - tasks	Yes 35.00
Project		Yes	30.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Radosavljević, Ž., Bajić, D.	Armironi beton 3: Elementi armiranobetonskih konstrukcija		Građevinska knjiga, Beograd	1989
2,	Grupa autora	Priručnik za primenu Pravilnika za beton i armironi beton BAB87, Tom 1 i Tom 2		Građevinski fakultet Beograd	2002
3,	Petrović, B.	Odabrana poglavlja iz zemljotresnog inženjerstva, II izdanje		Građevinska knjiga, Beograd	1989
4,	Brujić Z.	Materijal sa predavanja i vežbanja			2011



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Table 5.2 Course specification

Course:		Technology and Building Organization 1			
Course id:	GG31				
Number of ECTS:	6				
Teachers:	Trivunić R. Milan, Dražić J. Jasmina, Jakšić D. Željko				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	2	0	0	0	
Precondition courses		None			
1. Educational goal:					
Acquiring knowledge on the process of structure building, usage of mechanization and possible technologies for structural and building construction.					
2. Educational outcomes (acquired knowledge):					
Capability for elaborating bill of quantities for building a structure, analysing construction costs, applying construction mechanization, and analysing working costs, as well as selecting and defining technology for performing special types of works while building. Acquired knowledge can be directly applied in engineering practice.					
3. Course content/structure:					
Investment and technical documentation. Construction machines (types and properties). Performance of construction machines. Costs of machine works. Technology for structure building. Technology for excavation (working technology, mechanization application, normative and price analysis). Technology of structure production (types of works, mechanization application, normative and price analysis). Specialist trades and finishing operations (types of works, working technology, normative and price analysis). Placing installations in structures. Technology of road network construction.					
4. Teaching methods:					
Teaching is realized as lectures in the form of presentations on individual methodical units and graphic practice performed individually by students during the class and assisted by an assistant. In practice classes, based on the obtained information (lectures, literature, consultations and general introduction at the beginning of exercises) students solve the set tasks (graphic practice). All completed and positively graded papers are a prerequisite for taking the examination. Examination includes the entire course content presented during the semester, and it is in written and oral form. Written part of the examination can also be taken as two modules during the teaching process. Examination grade is formed on the basis of lecture and practice attendance, points from graphic papers, written and oral examination.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Coloquium exam	No 20.00
Graphic paper		Yes	20.00	Coloquium exam	No 20.00
Lecture attendance		Yes	5.00	Theoretical part of the exam	Yes 30.00
				Practical part of the exam - tasks	Yes 40.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	Trivunić M., Matijević Z.	Tehnologija i organizacija građenja - praktikum		FTN Edicija tehničke nauke-udžbenici, br. 96	2004
2,	Trivunić M., Matijević Z.	Tehnologija i organizacija građenja - praktikum		FTN Edicija tehničke nauke-udžbenici, br. 126	2006
3,	Trbojević B.	Organizacija građevinskih radova		Građevinska knjiga	1988
4,	Trbojević B., Prašćević Ž.	Građevinske mašine		Građevinska knjiga	1991
5,	Plavšić M.	Građevinske mašine		FTN	1988
6,	Trivunić M.	Materijali sa predavanja			2007



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Table 5.2 Course specification

Course:		Metal Structures 2				
Course id: GG35						
Number of ECTS: 4						
Teacher:		Kisin S. Srđan				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:		Study research work:	Other classes:
2		2	0		0	0
Precondition courses						
1. Educational goal:						
Acquiring knowledge in the field of design and construction of steel structures in civil engineering – building construction.						
2. Educational outcomes (acquired knowledge):						
Enabling students to analyse, calculate, dimension, and constructively model metal structures in building construction.						
3. Course content/structure:						
Function of the high buildings. Building load. Constructive modelling and calculation of steel building elements. Structure elaboration and assembly. Specificities in the high building disposition. Constructive elaboration of framing pipe and suspension systems.						
4. Teaching methods:						
Lectures. Auditory and graphic practice. Consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam		Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory		Yes 40.00
Graphic paper		Yes	20.00	Coloquium exam		No 10.00
Lecture attendance		Yes	5.00	Oral part of the exam		Yes 30.00
Literature						
Ord.	Author	Title			Publisher	Year
1,	Buđevac D.	Čelične konstrukcije u zgradarstvu			Građevinska knjiga, Beograd	1992
2,	Debeljković M.	Čelične konstrukcije u industrijskim objektima			Građevinska knjiga, Beograd	1995
3,	Zarić B., Stipanić B., Buđevac D.	Čelične konstrukcije u građevinarstvu			Građevinska knjiga, Beograd	2004



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Table 5.2 Course specification

Course:		Information System Aided Structure Management				
Course id:	GP401					
Number of ECTS:	5					
Teacher:	Uzelac D. Đorđe					
Course status:	Elective					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
2	2	0	0	0		
Precondition courses						
None						
1. Educational goal:						
Enabling students in acquiring professional knowledge as a basis for further education and application in practice.						
2. Educational outcomes (acquired knowledge):						
Student is competent for using acquired knowledge in further education and in professional activities.						
3. Course content/structure:						
Introduction, structure and objectives of the structure management system, basic postulates, planning. System structure, functions, analysis levels. Methodological approach to management using contemporary achievements for data acquisition and structure condition monitoring. Process analysis in the structure management system (IDEF0 methodology). Data analysis and the development of the information system for decision-making support (IDEF1 methodology). Damage catalogue, works specifications. Damage development and forecasting models for predicting the structure condition changes. Valuation methods and priority determination.						
4. Teaching methods:						
Lectures, practice, consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory	Points
Exercise attendance		Yes	15.00	Written part of the exam - tasks and theory	Yes	30.00
Lecture attendance		Yes	15.00	Coloquium exam	No	15.00
				Coloquium exam	No	15.00
				Oral part of the exam	Yes	40.00
Literature						
Ord.	Author	Title		Publisher		Year
1,	Uzelac. Đ.	Pisana predavanja o upravljanju građevinskim objektima				2007
2,	Uzelac Đ.	Baze podataka o putevima, mostovima i saobraćaju u okviru integrisanog informacionog sistema o putnoj mreži		Savez građevinskih inženjera i tehničara Jugoslavije		1998
3,	Razvojni tim Svetske banke	Highway Development and Management Model HDM 4 - Manual"				2002



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES</p> <p style="text-align: right; margin: 0;">Civil Engineering</p>	

Table 5.2 Course specification

Course:		Technology and Building Organization in Hydrotechnics			
Course id:	GG311				
Number of ECTS:	6				
Teacher:	Trivunić R. Milan				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	2	0	0	0	
Precondition courses		None			
1. Educational goal:					
Acquiring knowledge on the process in structure building, usage of mechanization and possible building technologies, as well as manners of work organization when building hydraulic engineering facilities.					
2. Educational outcomes (acquired knowledge):					
Ability for elaborating bill of quantities for construction, price analysis for construction works, application of construction mechanization and working costs analysis, as well as the selection and definitions on building technologies for individual work types in building. Ability to complete organization elaborates, site preparation, and elaboration of dynamic plans for building hydrotechnical structures. Acquired knowledge can be directly applied in engineering practice.					
3. Course content/structure:					
A project on technology and building organization. Bill of quantities and priced bill of quantities. Construction mechanization and application. Construction mechanisation price per hour. Technology for construction works in hydrotechnics. Planning. Planning methods (CPM, Gantt charts). Plan elaboration on a computer. Building conditions, temporary facilities on a site, site organization.					
4. Teaching methods:					
Teaching is realized as lectures in the form of presentations on individual methodical units and graphic practice performed individually by students during the class and assisted by an assistant. In practice classes, based on the obtained information (lectures, literature, consultations and general introduction at the beginning of exercises) students solve the set tasks (graphic practice). All completed and positively graded papers are a prerequisite for taking the examination. Part of the practice classes is held in the computer centre and the completed computer exercises are also a prerequisite for taking the examination. Examination includes the entire course content presented during the semester, and it is in written and oral form. Written part of the examination can also be taken as two modules during the teaching process. Examination grade is formed on the basis of lecture and practice attendance, points from graphic papers, computer practice, written and oral examination.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Coloquium exam	No 20.00
Graphic paper		Yes	20.00	Coloquium exam	No 20.00
Lecture attendance		Yes	5.00	Theoretical part of the exam	Yes 30.00
				Practical part of the exam - tasks	Yes 40.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	Trivunić,M., Matijević,Z.	Tehnologija i organizacija građenja - praktikum		FTN Edicija tehničke nauke-udžbenici br. 96	2004
2,	Trivunić,M., Matijević,Z.	Tehnologija i organizacija građenja - praktikum		FTN Edicija tehničke nauke-udžbenici br. 126	2006
3,	Trbojević,B.	Organizacija građevinskih radova		Građevinska knjiga	1988
4,	Trbojević,B., Prašćević,Ž.	Građevinske mašine		Građevinska knjiga	1991
5,	Matijević.Z.	Materijali sa predavanja			2008



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	Civil Engineering	

Table 5.2 Course specification

Course:		Mathematical Statistics			
Course id:	GH404				
Number of ECTS:	4				
Teacher:	Gilezan K. Silvia				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	1	1	0	0	
Precondition courses					
1. Educational goal:					
Enabling students for abstract thinking and acquiring fundamental knowledge in the field of probability and mathematical statistics. Course objective is to develop a special manner of students` thinking in studying mass phenomena in the field of construction – hydraulics. Course character is applicative, hence the significance is placed on the knowledge that can explain the quantitative approach to problems in the field of study. Furthermore, students are becoming capable of using a statistics programme. The aim is to enable students to know how to select adequate statistic methods, elaborate a statistic analysis and explain its essence. This knowledge is the foundation for better understanding of professional literature and successful improvement in the studies.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge should be used by students in further education and in professional courses to make and solve mathematical models using the knowledge from this course by adopting theoretical knowledge in the field of probability and mathematical statistics presented in this course, as well as skills for calculating and interpreting final statistic indicators.					
3. Course content/structure:					
Theoretical course: Probability: Probability axioms. Conditional probability. Bayes` theorem. Random variable of discrete and continual type. Random vector of discrete and continual type and common distribution. Conditional distributions. Transformation of random variables. Mathematical expectations. Variation and standard deviation. Moments. Co-variation, correlation coefficient. Conditional expectations. Laws on large numbers. Central border theorems. Correlation and regression; linear regression. Sample distribution, mean value and dispersion. Statistics: basic notions. Population, sample. Statistics. Descriptive statistic analysis (basic notions, data acquisition, table and graphic data presentation, data analysis by descriptive statistic methods, programme support for static analysis). Evaluation of unknown parameters (Dot evaluations: moment methods and maximal reliability method. Interval evaluation.). Parameter and non-parameter hypothesis and tests. Practice classes: At practice, student do adequate examples from the theoretical classes to practice the presented course content, so that practice help the understanding of the presented content.					
4. Teaching methods:					
Lectures. Numerical calculation and computer practice. Tutorials. Lectures are performed in a combined manner. At lectures, students are presented with the theoretical part of the course content followed by characteristic examples for easier understanding. At practice, that follow the lectures, students do characteristic exercises and widen the course content from the lectures. At computer practice, using the statistic programme, students do the processing of the obtained results. Apart from lectures and practice, there are regular tutorials. A part of the content that makes a logical unit can be taken during the teaching process in the form of 2 modules (first module: Probability, second module: Statistics).					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Complex exercises		Yes	15.00	Final exam - part one	No 50.00
Exercise attendance		Yes	3.00	Final exam - part two	No 50.00
Lecture attendance		Yes	2.00	Written part of the exam - tasks and theory	Yes 50.00
Test		Yes	10.00		
Test		Yes	10.00		
Test		Yes	10.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	M. Stojaković	Matematička statistika		FTN (Edicija tehničke nauke – udžbenici) ,Novi Sad	2000
2,	M. Novković, B.Rodić, I.Kovačević	Zbirka rešenih zadataka iz verovatnoće i statistike		FTN (Edicija tehničke nauke-udžbenici), Novi Sad	2004
3,	V.Jevremović, J.Mališić	Statističke metode u metorologiji i inženjerstvu		Savezni hidrometorološki zavod, Beograd	2002
4,	I.Kovačević, M. Novković	Verovatnoća i matematička statistika, - skripta		FTN, Novi Sad	1999
5,	S.Gilezan,Lj.Nedović,...	Zbirka rešenih zadataka iz Statistike		FTN(Centar za matematiku i statistiku). Novi Sad	2004



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES</p> <p style="text-align: right; margin: 0;">Civil Engineering</p>	

Table 5.2 Course specification

Course:		Concrete structures - Hydrotechnics			
Course id: GH407					
Number of ECTS: 7					
Teachers:		Brujić S. Zoran, Kočetov-Mišulić Đ. Tatjana			
Course status:		Elective			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	3	0	0	0	
Precondition courses		None			
1. Educational goal:					
Training students to work on the design of reinforced concrete elements and structures, their execution and maintenance.					
2. Educational outcomes (acquired knowledge):					
Knowledge of reinforced concrete elements and their properties in order to optimum use in designing (calculation, modeling and analysis) of reinforced concrete structures of facilities of diverse purpose.					
3. Course content/structure:					
The concept and basics of reinforced concrete structural design (reinforced concrete properties, design models, methods for determining the static forces, aggressive environment, reliability of structures, the principles of design of elements, complementary behavior of concrete and steel, the theoretical spans, supports, dilatation, ultimate limit states). Linear reinforced concrete elements (beams, columns, frames, arcs, combined linear girders, ring beams, corbels). Reinforced concrete slabs (one- and two-way slabs, flat slabs, circular and annular slabs, openings). Wall beams. RC elements in shallow foundation (footings, strip foundation, foundation beams, grids, slabs). Specifics of the design and construction of hydraulic structures with classifications. Circular and rectangular RC reservoirs, water towers and swimming pools (purpose, classification, technological aspects, foundation, design, composing and detailing, construction). AB tube. Retaining walls.					
4. Teaching methods:					
Lectures, exercises, consultations, preparation and defense of the project.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	0.00	Oral part of the exam	Yes 35.00
Homework		Yes	15.00	Practical part of the exam - tasks	Yes 35.00
Lecture attendance		Yes	0.00		
Project task		Yes	15.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Grupa autora	Priručnik za primenu Pravilnika za beton i armirani beton BAB87, Tom 1 i Tom 2		Građevinski fakultet, Beograd	2002
2,	Radosavljević, Ž., Bajić, D.	Armirani beton 3: Elementi armiranobetonskih konstrukcija		Građevinska knjiga, Beograd	1989
3,	Brujić Z.	Materijal sa predavanja i vežbanja			2010



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	<h2>Study Programme Accreditation</h2> <p>UNDERGRADUATE ACADEMIC STUDIES Civil Engineering</p>	

Table 5.2 Course specification

Course:		Geotechnics				
Course id: GP404						
Number of ECTS: 4						
Teachers:		Đogo B. Mitar, Vasić V. Milinko				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
2		2	0	0		0
Precondition courses None						
1. Educational goal:						
Enabling students in acquiring professional knowledge and in the application in practice.						
2. Educational outcomes (acquired knowledge):						
Acquired knowledge is used in professional courses.						
3. Course content/structure:						
Principles and methods for examining terrain for traffic roads. Classifications and categorizations of rock masses. Interaction of soil, road and facilities on a traffic road. Geotechnical surfaces for design, surface zoning according to the degree of stability, geotechnical conditions in soil property improvements. Groundwater and building conditions, drainage and NPV decrease. Facilities on traffic roads and geotechnical foundation conditions. Building technology and earth works. Acceptability of natural materials for road building. Urban geology and traffic roads.						
4. Teaching methods:						
Lectures and auditory practice.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam		Mandatory Points
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory		Yes 30.00
Graphic paper		Yes	20.00	Oral part of the exam		Yes 40.00
Lecture attendance		Yes	5.00			
Literature						
Ord.	Author	Title		Publisher		Year
1,	Milović D., Đogo M.	Greške u fundiranju		FTN		2005
2,	Vasić M.	Inženjerska geologija		FTN		2002
3,	Nonvailer E.	Mehanika tla i temeljenje građevina		Školska knjiga, Zagreb		1979



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	Civil Engineering	

Table 5.2 Course specification

Course:		Concrete structures - Roads			
Course id: GP406					
Number of ECTS: 7					
Teachers:		Brujić S. Zoran, Kočetov-Mišulić Đ. Tatjana			
Course status:		Elective			
Number of active teaching classes (weekly)					
Lectures:		Practical classes:	Other teaching types:	Study research work:	Other classes:
4		3	0	0	0
Precondition courses None					
1. Educational goal:					
Training students to work on the design of reinforced concrete elements and structures, their execution and maintenance.					
2. Educational outcomes (acquired knowledge):					
Knowledge of reinforced concrete elements and their properties in order to optimum use in designing (calculation, modeling and analysis) of reinforced concrete structures of facilities of diverse purpose.					
3. Course content/structure:					
The concept and basics of reinforced concrete structural design (reinforced concrete properties, design models, methods for determining the static forces, aggressive environment, reliability of structures, the principles of design of elements, complementary behavior of concrete and steel, the theoretical spans, supports, dilatation, ultimate limit states). Linear reinforced concrete elements (beams, columns, frames, arcs, combined linear girders, ring beams, corbels). Reinforced concrete slabs (one- and two-way slabs, flat slabs, circular and annular slabs, openings). Wall beams. RC elements in shallow foundation (footings, strip foundation, foundation beams, grids, slabs). Retaining walls. Ground floors. Special frame structures of civil engineering facilities.					
4. Teaching methods:					
Lectures, exercises, consultations, preparation and defense of the project.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	0.00	Oral part of the exam	Yes 35.00
Homework		Yes	15.00	Practical part of the exam - tasks	Yes 35.00
Lecture attendance		Yes	0.00		
Project task		Yes	15.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Grupa autora	Priručnik za primenu Pravilnika za beton i armirani beton BAB87, Tom 1 i Tom 2		Građevinski fakultet, Beograd	2002
2,	Radosavljević, Ž., Bajić, D.	Armirani beton 3: Elementi armiranobetonskih konstrukcija		Građevinska knjiga, Beograd	1989
3,	Brujić Z.	Materijal sa predavanja i vežbanja			2010



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES</p> <p style="text-align: right; margin: 0;">Civil Engineering</p>	

Table 5.2 Course specification

Course:		Municipal Hydrotechnics			
Course id:	GG408				
Number of ECTS:	5				
Teachers:	Đurić V. Duško, Stipić S. Matija				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	2	0	0	0	
Precondition courses					
None					
1. Educational goal:					
Introducing students to practical problems and acquiring professional knowledge for the application in practice in the field of municipal hydrotechnics.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is directly applicable in engineering practice.					
3. Course content/structure:					
1. Drinking water treatment. Contamination of ground and surface waters. Demand for water treatment. Conventional procedure for water treatment. Technological scheme for water treatment. Special drinking water treatments. Finding problems in water treatment plants. 2. Hydraulic analysis on the water treatment plant. Objective and process of hydraulic analysis. 3. Measurement in water supply systems. Types of measurements and categorization of measuring equipment. Equipment for pipe position determination (locators). Equipment for water loss detection. Equipment for water flow measurements. Equipment for water pressure measurements. Water level measurement. Measuring range. Telemetric systems. 4. Mathematical modelling in water supply systems. Water flow modelling. Water supply system modelling. Application of software tools for water supply system simulation.					
4. Teaching methods:					
Teaching is performed interactively in the form of lectures, auditory and computer practice. At lectures, theoretical content is presented with characteristic examples for easier understanding of the course content. At auditory practice, characteristic tasks are done and course content is presented in more details.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	15.00	Oral part of the exam	Yes 40.00
Lecture attendance		Yes	15.00		
Practical part of the exam - tasks		Yes	30.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Đurić D.	Smanjenje neodređenosti parametara modela i karakteristika urbanih hidrotehničkih sistema		Grđevinski fakultet, Beograd	1999
2,	Maksimović Č.	Merenje u hidrotehnici		Građevinski fakultet, Beograd	1993
3,	Lazić R., Pokrajac D.,	Grow 1.0 Teoretical manual		Institut za hidrotehniku, Građevinski fakultet, Beograd	1994
4,	Miloje Milojević	Snadbevanje vodom i kanalisanje naselja		Građevinski fakultet, Beograd	1990
5,	Obradović D.	Savremeni vodovodi, informatika i operativno upravljanje		Udruženje za teh. vode i sanitarno inženjerstvo,Beograd	1999
6,	Đurić D.	Snadbevanje vodom za piće		Arhitektonsko-građevinski fakultet. Banja Luka	2001



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Table 5.2 Course specification

Course:		Selected Chapters in Road Design				
Course id: GP403						
Number of ECTS: 4						
Teachers:		Radović M. Nebojša, Uzelac D. Đorđe				
Course status:		Elective				
Number of active teaching classes (weekly)						
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:
2		2	0	0		0
Precondition courses		None				
1. Educational goal:						
Enabling students for acquiring professional knowledge and for the application in practice.						
2. Educational outcomes (acquired knowledge):						
Student is competent to use the acquired knowledge in road design in further education in professional courses, as well as in professional practice.						
3. Course content/structure:						
Introduction with the repetition of knowledge from the elementary course. Methodology and technology of road design. Process and structure of making a road project. Feasibility study. Computer application. Evaluation of solution variations. Objectives and criteria. Evaluation indicators. Content and equipment in project documentation. Dynamic and geometrical analyses. Designed speed analyses. Designed speed profile construction. Dynamic compatibility and road homogeneity. User costs calculations. Additional traffic lanes. Curve characteristics. Optical effect analysis.						
4. Teaching methods:						
Lectures, practice, consultations.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory	Yes 30.00
Graphic paper			Yes	20.00	Oral part of the exam	Yes 40.00
Lecture attendance			Yes	5.00		
Literature						
Ord.	Author		Title		Publisher	Year
1,	Katanić J., Maletin M. Anđus V.		Projektovanje puteva		Građevinska knjiga, Beograd	1989
2,	Damjanović D., Miličević A., Cvetković D.:		Usklađivanje konstruktivnih elemenata puta prema očekivanoj brzini u slobodnom toku		Građevinski fakultet, Niš	2002
3,	Predmetni nastavnik		Predavanja i vežbe iz projektovanja puteva - pisani materijali			2007



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Table 5.2 Course specification

Course:		Technology and Building Organization 2					
Course id:	GG33						
Number of ECTS:	5						
Teachers:		Trivunić R. Milan, Dražić J. Jasmina					
Course status:		Elective					
Number of active teaching classes (weekly)							
Lectures:		Practical classes:	Other teaching types:	Study research work:		Other classes:	
3		2	0	0		0	
Precondition courses							
None							
1. Educational goal:							
Acquiring knowledge in the process of structure building and in the manners of organizing works during the process of completing building construction and civil engineering structures.							
2. Educational outcomes (acquired knowledge):							
Ability for making elaborates on the organization and management of a construction site, elaboration of dynamic construction plans, defining and applying protective measures at work during the construction, as well as taking part in organizing and managing a construction site. Acquired knowledge is directly applicable in engineering practice.							
3. Course content/structure:							
A project on technology and building organization. Construction conditions. Relation between building technology and site organization. Site organization schemes (temporary facilities, application of mechanization). Safety measures and occupational safety in construction. Building organization. Building organization and adopted technology. Researching the operations (application in construction). Planning methods (CPM, PERT, Gantt charts, cyclograms). Plan processing on a computer. Basic documentation in building.							
4. Teaching methods:							
Teaching is performed in lectures in the form of presentations of individual methodical units and graphic practice done individually by students with the consultations with the teaching assistants. At practice classes, based on the obtained information (lectures, literature, consultation and general instructions at the beginning of practice classes), students solve the set tasks (graphic practice). Completed and positively graded tasks present a prerequisite for taking the examination. Part of practice is held at the computer centre, and completed computer exercises are a prerequisite for taking the examination. Examination covers the entire course content presented during the semester, and it is taken in written and oral form. Written part of the examination can be taken in 2 modules during the teaching process. Examination grade comprises lecture and practice attendance, grade from graphic papers, computer practice, written and oral part of the examination.							
Knowledge evaluation (maximum 100 points)							
Pre-examination obligations			Mandatory	Points	Final exam	Mandatory	Points
Exercise attendance			Yes	5.00	Coloquium exam	No	20.00
Graphic paper			Yes	20.00	Coloquium exam	No	20.00
Lecture attendance			Yes	5.00	Theoretical part of the exam	Yes	30.00
Practical part of the exam - tasks						Yes	40.00
Literature							
Ord.	Author		Title		Publisher		Year
1,	Trivunić M., Matijević Z.		Tehnologija i organizacija građenja - praktikum		FTN Edicija tehničke nauke-udžbenici, br. 96		2004
2,	Trivunić M., Matijević Z.		Tehnologija i organizacija građenja - praktikum		FTN Edicija tehničke nauke-udžbenici, br. 126		2006
3,	Trbojević B.		Organizacija građevinskih radova		Građevinska knjiga		1988
4,	Flašar A., Vuković S., Brana P.		Proučavanje tehnoloških procesa u građevinarstvu		FTN IIG, Posebno izdanje 8		1985
5,	Trivunić M.		Materijali sa predavanja				2007



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	Civil Engineering	

Table 5.2 Course specification

Course:		Hydrotechnical Ameliorations			
Course id:	GH406				
Number of ECTS:	5				
Teacher:	Kolaković R. Srđan				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
4	2	0	0	0	
Precondition courses		None			
1. Educational goal:					
Introducing students with practical problems and acquiring professional knowledge for the application in practice in the field of drainage and irrigation of agriculture cultures.					
2. Educational outcomes (acquired knowledge):					
Acquired knowledge is used in engineering practice.					
3. Course content/structure:					
Fundamentals in designing hydrotechnical amelioration. Processing hydro-meteorological foundations, foundations on soil, water regime in the soil, data on water usage – water balance, etc. Drainage. Surplus water, soil and groundwater (drainage hydro module, time for drainage). Possibilities and manners for surplus water drainage. Drainage systems (open, closed, combined). Designing, construction, exploitation and drainage in the drainage system. Drainage facilities (canals, drains, collectors, pumping stations, bridges, culverts, cascades, dams, etc.). Irrigation. Water balance, water deficit and the role of soil in irrigation. Calculating module, norm and tours of irrigation. Soil irrigation methods (irrigating, overflowing, channels, drop-by-drop, underground irrigation, etc.). Calculating the optimization for the irrigation system. Designing, construction, power and maintenance of the irrigation system. Facilities in irrigation (canals, pipelines, water catchments, pumping stations, regulation facilities, other system facilities).					
4. Teaching methods:					
Teaching is performed interactively in the form of lectures, auditory and computer practice. At lectures, theoretical content is presented with characteristic examples for easier understanding of the course content. In auditory practice, characteristic tasks are done and course content is presented in more details. Apart from lectures and practice, consultations are also regular. A part of course content that constitutes a logical unit can be taken as a partial examination during the teaching process. Partial examinations are taken in written form and as tests. Examination grade is formed on the basis of: lecture and practice attendance, success in partial examinations and written part of the examination (combined exercises and theory).					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Computer excersise defence		Yes	20.00	Written part of the exam - tasks and theory	Yes 35.00
Exercise attendance		Yes	5.00	Coloquium exam	No 35.00
Lecture attendance		Yes	5.00	Oral part of the exam	Yes 35.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	Kolaković S.	Hidrotehničke melioracije-odvodnjavanje sa CD-om		Univerzitetski udžbenik, Novi Sad	2006
2,	Kolaković S.	Skripta predavanja-navodnjavanje u elektronskom izdanju		FTN-Novı Sad	2006



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	Civil Engineering	

Table 5.2 Course specification

Course:		Structure Testing			
Course id:	GG403				
Number of ECTS:	3				
Teacher:	Kovačević I. Dušan				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	0	1	0	0	
Precondition courses					
1. Educational goal:					
Acquiring knowledge in the field of experimental analysis on civil engineering structures by testing experimental loads in order to be familiar with the real structure behaviour.					
2. Educational outcomes (acquired knowledge):					
Ability for experimental analysis on civil engineering structures by testing experimental loads in order to be familiar with the real structure behaviour.					
3. Course content/structure:					
Reasons for structure testing by experimental loading. Modelling real structure behaviour. Methodology of testing structures and facilities by experimental loading. Registering deformations on structures and facilities. Measuring displacements on structures and facilities. Determining dynamic structure parameters. Compensating the temperature action. Determining forces in cables for prestressing. Schemes for experimental loading. Modelling structures based on their behaviour under experimental loading. Technical regulative related to structure testing. Elaborate on performed structure testing using experimental loading. Survey on some significant structure testing.					
4. Teaching methods:					
Interactive work with students in order to continually monitor their knowledge level. Theoretical analysis on the phenomena included in the course content, numerical modelling and results comparison of experimental and numerical analysis.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Complex exercises		Yes	30.00	Written part of the exam - tasks and theory	Yes 70.00
Coloquium exam				No	70.00
Literature					
Ord.	Author	Title		Publisher	Year
1.	Mihajlo Kubik	Ispitivanje konstrukcija		Skripta	1989
2.	Dušan Kovačević	MKE modeliranje u analizi konstrukcija		Građevinska knjiga	2006
3.	Milan Radojković	Ispitivanje konstrukcija I i II		Građevinski fakultet, Beograd	1971
4.	Radoje Vukotić	Ispitivanje konstrukcija		Naučna knjiga, Beograd	1982



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	<h2>Study Programme Accreditation</h2> <p>UNDERGRADUATE ACADEMIC STUDIES Civil Engineering</p>	

Table 5.2 Course specification

Course:		FEM modeling in structural analysis			
Course id:	GG413				
Number of ECTS:	4				
Teacher:		Kovačević I. Dušan			
Course status:		Elective			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	0	2	0	0	
Precondition courses					
None					
1. Educational goal:					
Gaining of knowledge in the field of FEM modeling and analysis of engineering structures.					
2. Educational outcomes (acquired knowledge):					
Competence for FEM modeling and structural analysis.					
3. Course content/structure:					
The finite element method. FEM modeling technology for civil engineering structures. Some aspects of computer technology important for the FEM modeling. The principles of solving problems using appropriate FEM software. The essence of some numerical methods. Principles for the development and use of CASA (Computer Aided Structural Analysis) software. Characteristics of CASA software. Showing some software solutions. Capabilities for modeling behavior of structures for different effects using AxisVM software.					
4. Teaching methods:					
Interactive work with the students because of continuous monitoring of the level of student learning. Theoretical analysis of the phenomenon that covered by content and numerical modeling.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Complex exercises		Yes	30.00	Coloquium exam	No 70.00
Practical part of the exam - tasks				Yes	70.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	Dušan Kovačević	MKE modeliranje u analizi konstrukcija		Građevinska knjiga	2006
2,	razni autori	Uputstva za korišćenje CAA programa SAP, ISDS/STAAD, Tower i AxisVM		razni izdavači	2004
3,	razni autori	Literatura iz oblasti numeričke analize		razni izdavači	2010



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	Study Programme Accreditation	
	<p>UNDERGRADUATE ACADEMIC STUDIES</p>	<p>Civil Engineering</p>

Table 5.2 Course specification

Course:		Professional Practice			
Course id:	GG401				
Number of ECTS:	3				
Teachers:					
Course status:		Elective			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
0	0	0	0	3	
Precondition courses		None			
1. Educational goal:					
Expansion of basic knowledge and evaluation of abilities related to practical application of theoretical knowledge in the field of civil engineering.					
2. Educational outcomes (acquired knowledge):					
Enabling students for teamwork in designing, elaboration and maintenance of structures in everyday practice.					
3. Course content/structure:					
Student has the obligation to complete the professional practice in working organizations, which within their basic activities have the jobs related to construction practice. For each student, a special plan and working programme is individually made depending on the company's activities and current job realization.					
4. Teaching methods:					
Obligatory attendance, according to the working programme, in working organizations in which the professional practice is completed.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Homework		Yes	50.00	Project defence	Yes 50.00
Literature					
Ord.	Author	Title		Publisher	Year
1,	Grupa autora	Zbirka jugoslovenskih pravilnika i standarda iz građevinarstva		Građevinski fakultet, Beograd	1995



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Table 5.2 Course specification

Course:		Final – Bachelor Thesis			
Course id:	GG4ZR				
Number of ECTS:	15				
Teachers:					
Course status:		Elective			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
0	0	0	0	10	
Precondition courses		None			
1. Educational goal:					
Application of basic acquired knowledge and methods in solving practical problems within the selected area. Students investigate the problem, its structure and complexity, and based on conducted analysis, they draw conclusions on the possible modes of solving. Researching the literature, students are introduced to the methods for solving similar tasks, and the practice in their solving. Obtaining the knowledge on modes, structure and form of writing a report after the conducted analyses and other activities within the set topic of the final thesis. By elaborating the final thesis, students acquire experience for writing their theses where it is necessary to describe problems, conducted methods and procedures, as well as results obtained. Furthermore, the objective of elaborating and defending the final thesis is to develop the ability to use the results of individual work and prepare it in an adequate form to be publicly presented,					
2. Educational outcomes (acquired knowledge):					
Enabling students for individual application of the previously obtained knowledge in diverse fields being studied in order to observe the structure of the set problem and approach the systematic analysis to draw conclusions on possible directions of its solving. By individually using the literature, students expand their knowledge in the selected field and research diverse methods and theses related to similar problems. By individually researching and solving tasks in the given area, students acquire knowledge on the complexity of the problems in their professional field. By elaborating the Bachelor thesis, students acquire certain experiences that can be applied in practice while solving problems in their professional field. By preparing the results for public defence, in the public defence and on answering questions and comments presented by the committee, students acquire necessary experience on the manners of practically presenting results of an individual or team work.					
3. Course content/structure:					
Formed for each student in particular, in accordance with the demands and the area enclosed within the set task of the final thesis. The student, in agreement with the mentor, completes the final thesis in the written form in accordance with the regulations of the Faculty of Technical Sciences. The student prepares and defends the written final thesis in public, in agreement with the mentor and in accordance with the prescribed standards. Student researches the professional literature, specialization and final thesis dealing with the same topic, performs analyses in order to find the solution to the concrete task defined in the task of the final thesis.					
4. Teaching methods:					
The mentor of the final thesis sets the task of the final thesis and presents it to the student. Student is obliged to elaborate the final thesis within the set task defined in the task of the Bachelor thesis. During the elaboration of the final thesis, mentor can provide additional instructions to the student, direct to certain literature and additionally direct in order to have a more qualitative final thesis. Within the theoretical part of the final thesis, student has consultations with the mentor, and if needed, with other teachers dealing with the topics related to the topic of the Bachelor thesis. Within the set topic, if needed, student can conduct certain measuring, researching, counting, surveying and the like, if it is predicted by the final thesis task. Student completes the final thesis and on obtaining the agreement of the committee for evaluation and defence, provides bounded copies to the committee. The defence of the Bachelor thesis is public, and the student has the o					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Writing the final paper with theoretic basis		Yes	50.00	Final exam defence	Yes 50.00



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES</p> <p style="text-align: right; margin: 0;">Civil Engineering</p>	

Table 5.2 Course specification

Course:		Precasting and Assembly Technology				
Course id:	GG404					
Number of ECTS:	3					
Teachers:	Dražić J. Jasmina, Trivunić R. Milan					
Course status:	Elective					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
2	2	0	0	0		
Precondition courses						
None						
1. Educational goal:						
Acquiring knowledge on the process of building assembly structures and the usage of additional equipment and mechanization.						
2. Educational outcomes (acquired knowledge):						
Ability to plan and realize the process of manufacturing concrete elements for buildings and halls. Ability to plan the transportation of precasting elements. Ability to plan and realize the process of assembling concrete elements for buildings and halls at the site. Acquired knowledge can be directly applicable in engineering practice.						
3. Course content/structure:						
Basic principles in constructing assembly structures. Types of assembly structures and classification of elements. Precasting methods for assembly elements. Precasting of concrete masonry. Transport of precast elements. Supplementary and main equipment for assembly. Assembly technology and methods. Designing the process for the construction of assembly structures.						
4. Teaching methods:						
Teaching process is realized through lectures in the form of presentations and through graphic practice which students do individually during the classes assisted by the teaching assistant, and based on obtained information (lectures, literature, consultations and general introduction into practice). All completed graphic papers receive a certain number of points. The examination includes the entire course content from this semester and it is taken in written form (tasks and theory). The examination grade is formed on the basis of lecture and practice attendance, points from graphic practice and written part of the examination.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points	
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes 50.00	
Graphic paper		Yes	20.00			
Graphic paper		Yes	20.00			
Lecture attendance		Yes	5.00			
Literature						
Ord.	Author	Title		Publisher	Year	
1,	Trivunić M., Dražić J.	Montaža betonskih konstrukcija zgrada		FTN Novi Sad i AGM knjiga Beograd	2005	
2,	Krastavčević M.	Primena montažnog građenja - javni i industrijski objekti od betona		Izgradnja, Beograd	1996	
3,	Grupa autora	Montažni građevinski objekti		Ekonomika, Beograd	1983	



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Table 5.2 Course specification

Course:		Finishing Operations and Installation in Facilities						
Course id:	GG405							
Number of ECTS:	3							
Teachers:		Brujić S. Zoran, Jakšić D. Željko, Radeka M. Miroslava						
Course status:		Elective						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
2		2		0		0	0	
Precondition courses							None	
1. Educational goal:								
Obtaining knowledge on the technology of performing contemporary craftsmanship on high buildings and technology of performing installation works.								
2. Educational outcomes (acquired knowledge):								
Ability in planning, realisation and control of installation and finishing works on high buildings.								
3. Course content/structure:								
Types of finishing and craftsmanship works on structures (standards and working technology). Application of contemporary materials for finishing operations. Evaluation on quality and billing of finishing and installation works. Installations for water supply and sewerage systems. Electrical installations (weak and strong currents). Mechanical installations (heating, conditioning, installations in industry). Synchronizing building technology and completed works in placing the installations.								
4. Teaching methods:								
Teaching process is realized through lectures in the form of presentations and through graphic practice which students do individually during the classes assisted by the assistant. At practice classes, based on obtained information (from lectures and general introduction into practice), students solve the set tasks (graphic practice). Students are familiar with the content of the task, so they can prepare and bring literature which can be used during their work. All completed and positively graded tasks present a prerequisite for taking the examination. The examination includes the entire course content from this semester, it is taken in written form and it is eliminatory. The examination grade is formed on the basis of lecture and practice attendance, points from graphic practice and written part of the examination.								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Exercise attendance			Yes	5.00	Written part of the exam - tasks and theory		Yes	50.00
Lecture attendance			Yes	5.00				
Term paper			Yes	40.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	K. Martiković		Osnovi zgradarstva 4			Časopis "Izgradnja"		1987
2,	K. Martiković		Osnovi zgradarstva 5			Časopis "Izgradnja"		1987
3,	K. Martiković		Snabdevanje zgrada vodom i odvod otpadnih voda iz njih			Časopis "Izgradnja"		1988
4,	S. Milenković		Vodovod i kanalizacija zgrada			Građevinski fakultet Niš		1994
5,	D. Đorđević		Izvođenje radova u visokogradnji			Časopis "Izgradnja"		2005



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	Civil Engineering	

Table 5.2 Course specification

Course:		Ecology and Protection of Built Environment			
Course id:	GG407				
Number of ECTS:	3				
Teacher:		Krnjetin S. Slobodan			
Course status:		Elective			
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
2	2	0	0	0	
Precondition courses		None			
1. Educational goal:					
Introducing students to the basic principles of ecologically sustainable building, regulative in the field of environmental protection, basic principles of passive solar architecture, manners in building using natural materials and construction measures for fire protection in buildings.					
2. Educational outcomes (acquired knowledge):					
Student is enabled to make an ecological analysis of the existing buildings and projects for future structures, as well as to perform environmental evaluation of spatial and urban plans. Student is also able to elaborate the fire protection elaboration for a building, as well as the calculation for the necessary class of fire resistance for building elements.					
3. Course content/structure:					
Environmental protection measures in spatial planning. Basic spatial – planning principles of ecologically correct building. Classical models for spatial town structure. Solar urbanisation. Reconstruction and revitalization of towns. Macro-fire sectors. Village planning. Construction materials – ecological evaluation. Criteria for ecological evaluation of materials. Energy aspects. Durability of materials and elements in a building. Material behaviour in high temperatures. Natural radionuclides in construction materials. New materials – phase-alternating materials. Building structures – ecological evaluation. Basic principles in ecologically correct building. Dwelling ecology. Energy aspects in building. Bioclimatic and solar architecture. Basic types of self-heating structures. Healthy buildings. Economy of ecological changes in building. Seismic aspects in building. Technical regulative in the field of fire protection. Eurocodes and introduction to fire protection analysis. Construction measures for fire protection.					
4. Teaching methods:					
Lectures are auditory, within which all theoretical units are illustrated with a great number of practical examples. All topics are related to the elaboration of a graphic paper – a brief for an eco-house, which students complete after lectures in the field of structures and which has to be presented before the theoretical part of the examination as a prerequisite.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Lecture attendance		Yes	10.00	Theoretical part of the exam	Yes 60.00
Project defence		Yes	30.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Krnjetin Slobodan	Graditeljstvo i zaštita životne sredine		Prometej, Novi Sad	2004



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Table 5.2 Course specification

Course:		Masonry structures				
Course id:	GG411					
Number of ECTS:	3					
Teacher:	Kočetov-Mišulić Đ. Tatjana					
Course status:	Elective					
Number of active teaching classes (weekly)						
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:		
2	2	0	0	0		
Precondition courses		None				
1. Educational goal:						
Empowerment of students for design, constructing and maintaining tasks on masonry structures of diverse purpose.						
2. Educational outcomes (acquired knowledge):						
The knowledge on the materials properties and elements for building in order to be optimally applied in calculation, modeling and analysis of masonry structures and design of diverse purpose facilities.						
3. Course content/structure:						
Overview and development of masonry structures and technical regulative. Materials for masonry structures: elements for building, mortar, concrete, reinforced and prestressed steel. Application of soil, stone, brick and blocks in building masonry structures. Types of masonry structural elements: bearing and nonbearing (partition) walls, walls with or without reinforced concrete belt course., reinforced and unreinforced walls, prestressed walls, posts, etc. Physical, mechanical and rheological characteristics of unreinforced walls. Conceptual design of masonry structures. Structural systems of masonry buildings. Calculation of masonry structures for the influence of vertical and horizontal load. Seismic analysis and aseismic design of masonry structures. Calculating walls and posts according to permitted stresses and limit bearing capacity. Facade walls on buildings. Foundation walls in buildings. Details of masonry structural elements and their construction. Construction and quality control for works and materials for building. Masonry structures of arches, vaults and domes. Application in religious structures. Application in engineering practice, culverts and bridges.						
4. Teaching methods:						
Lectures. Numerical tasks practice. Tutorials. Examination is taken as a written test with the questions concerning relevant course content. During the teaching process, students orally defend 1 seminar paper with a topic from the field of masonry structures. Seminar paper is presented in written form containing app. 20 text pages with drawings and figures.						
Knowledge evaluation (maximum 100 points)						
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points	
Exercise attendance		Yes	5.00	Written part of the exam - tasks and theory	Yes	50.00
Lecture attendance		Yes	5.00			
Term paper		Yes	40.00			
Literature						
Ord.	Author	Title		Publisher	Year	
1,	Muravljov M., Stevanović B.	Zidane i drvene konstrukcije zgrada		Građevinski fakultet Univerziteta u Beogradu	1999	
2,	Gojković M.	Kamene konstrukcije		Izdavačko-informativni centar studenata, Beograd	1976	
3,	Grupa autora	Evrokod EC6 Proračun zidanih konstrukcija Deo 1-1: Opšta pravila za armirane i nearmirane zidove		Građevinski fakultet Univerziteta u Beogradu	1997	
4,	Grupa autora	Eurocode 6:Design of masonry structures-Part 1-1:Common rules for reinforced and unreinforced mas. struct.		European Committee for Standardization, CEN	2004	
5,	B. Stojkov i Z.Manević (urednici)	Tradicija i savremeno srpsko crkveno graditeljstvo		Institut za arhitekturu i urbanizam Srbije	1995	



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Table 5.2 Course specification

Course:		River Regulation and Flood Protection						
Course id: GH405								
Number of ECTS: 5								
Teacher:		Đurić V. Duško						
Course status:		Elective						
Number of active teaching classes (weekly)								
Lectures:		Practical classes:		Other teaching types:		Study research work:	Other classes:	
3		2		0		0	0	
Precondition courses							None	
1. Educational goal:								
Introducing students to practical problems and acquiring professional knowledge for the application in practice in the field of river regulation and flood defence.								
2. Educational outcomes (acquired knowledge):								
Acquired knowledge is directly applicable in engineering practice, designing, building and maintenance of regulatory and defence facilities in and next to the river flow.								
3. Course content/structure:								
Origin of natural flows. River basin. River valley and river flow, river bed. Hydrological characteristics, water levels and flows, ice on rivers. River morphology, regulative in river flow formation. Gathering, processing and presenting morphological beds. River sediment, origin of river sediment and classification. Calculation methods for river sediment transportation. Works on arranging natural flows. General principles for determining regulation elements. Regulation facilities, classification, materials, disposition in a water flow. Flood defence, hydrological-hydraulic aspects. Data gathering and processing. Selection and analysis on flood waves. Forms of dangerous effects of large waters. Analysis on flood damage, condition for damage appearance, damage categories. Works, facilities and criteria for protection, active and passive measures for flood defence. Ice floods, ice formation conditions, operational ice flood defence. Problems in filtration stability of defence dams.								
4. Teaching methods:								
Teaching is performed interactively in the form of lectures, auditory and computer practice. At lectures, theoretical content is presented with characteristic examples for easier understanding of the course content. At auditory practice, characteristic tasks are done and course content is presented in more details. Apart from lectures and practice, consultations are also regular. A part of course content that constitutes a logical unit can be taken as a partial examination during the teaching process. Partial examinations are taken in written form and as tests. Examination grade is formed on the basis of: lecture and practice attendance, success in partial examinations and written part of the examination (combined exercises and theory).								
Knowledge evaluation (maximum 100 points)								
Pre-examination obligations			Mandatory	Points	Final exam		Mandatory	Points
Computer exercise attendance			Yes	20.00	Written part of the exam - tasks and theory		Yes	70.00
Exercise attendance			Yes	5.00	Coloquium exam		No	30.00
Lecture attendance			Yes	5.00				
Literature								
Ord.	Author		Title			Publisher		Year
1,	Muškatirović D..		Regulacija reka			građevinski fakultet u Beogradu		1991
2,	Jovanović M.		Regulacija reka- rečna hidraulika i morfologija			Građevinski fakultet u Beogradu		2002



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	<h2 style="margin: 0;">Study Programme Accreditation</h2> <p style="margin: 0;">UNDERGRADUATE ACADEMIC STUDIES</p> <p style="text-align: right; margin: 0;">Civil Engineering</p>	

Table 5.2 Course specification

Course:		Traffic Flow Theory			
Course id:	S0432				
Number of ECTS:	5				
Teachers:	Bogdanović Z. Vuk, Simeunović M. Milan				
Course status:	Elective				
Number of active teaching classes (weekly)					
Lectures:	Practical classes:	Other teaching types:	Study research work:	Other classes:	
3	1	1	0	0	
Precondition courses		None			
1. Educational goal:					
Acquiring fundamental knowledge on the traffic flow, its characteristics, basic indicators of traffic flow and procedures for their measurement and calculations, regularities and relations occurring in a traffic flow and the procedures for the analysis. Calculating a model for dependency presentations between fundamental parameters of a traffic flow in dependence on technical and exploitation road characteristics. Educational objective is also to obtain basic knowledge necessary for investigating the conditions of traffic flows in a road and street network in the fields of planning, managing and designing the traffic infrastructure.					
2. Educational outcomes (acquired knowledge):					
Application of acquired knowledge for analysing traffic flow on roads, intersections and road facilities depending on their technical and exploitation characteristics, i.e. defining specificities of a traffic flow and determining characteristic parameters necessary for evaluating traffic flow conditions. Application of the acquired knowledge in the traffic flow theory is other areas dealing with the problems in planning and constructing traffic infrastructure, as well as traffic management in the road and street networks.					
3. Course content/structure:					
Movement of individual vehicles, basic parameters of a traffic flow, vehicle flow, density of a traffic flow, velocity of a traffic flow, travelling time, unit travel time, vehicle space mean intervals, Significant characteristics of a traffic flow, complexity of a traffic flow, general conditions of a traffic regime, content and structure of a traffic flow, non-uniform vehicle flow, relations between basic parameters in a traffic flow, empirical models of interdependency of the basic parameters in a traffic flow, mathematical models for describing the traffic flow, movement of an organized group of vehicles.					
4. Teaching methods:					
Lectures, auditory and computing practice. At practice, students will analyze parameters of a traffic flow in real conditions. Practical – computing part of the course can be passed by taking the partial examination.					
Knowledge evaluation (maximum 100 points)					
Pre-examination obligations		Mandatory	Points	Final exam	Mandatory Points
Exercise attendance		Yes	5.00	Theoretical part of the exam	Yes 40.00
Lecture attendance		Yes	5.00	Practical part of the exam - tasks	Yes 30.00
Term paper		Yes	20.00		
Literature					
Ord.	Author	Title		Publisher	Year
1,	Ljubiša Kuzović, Vuk Bogdanović	Teorija saobraćajnog toka		Fakultet tehničkih nauka	2004
2,	Transportation Research Board	Highway Capacity Manual 2000		National Research Council, Washington , D.C.	2000
3,	Vladan Tubić	Zbirka rešenih zadataka iz kapaciteta i nivoa usluge drumskih saobraćajnica		Saobraćajni fakultet, Beograd	2000
4,	Highway research board "Special Report 87"	Highway capacity manual 1965		Division of Eng. and industrial Research NAS-NRC	1965
5,	Donald R. Drew	Traffic flow theory and control		McGraw-Hill book company New York, St. Louis, San Francisco,	1968
6,	Ljubiša Kuzović	Kapacitet i nivo usluge drumskih saobraćajnica		Saobraćajni fakultet, Beograd	2000
7,	Ljubiša Kuzović	Utvrdjivanje potreba i opravdanosti izdvajanja tranzitnog saobraćaja sa gradskih arterija izgradnjom obilaznica		Saobraćajni fakultet, Beograd	1997
8,	Ljubiša Kuzović, Dražen Topolnik	Kapacitet drumskih saobraćajnica		Građevinska knjiga, Beograd	1989
9,	Ljubiša Kuzović	Kapacitet i nivo usluge deonice puteva		Saobraćajni fakultet, Beograd	1989



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Civil Engineering

Standard 06. Programme Quality, Contemporaneity and International Compliance

The study programme is coordinated with contemporary trends and situation in profession, and it is compatible with similar programmes in international higher education institutions.

The study programme in Civil Engineering designed in this manner is omniscient and provides students with the latest scientific and professional knowledge in this field.

The study programme in Civil Engineering is compatible with:

1. University of Glasgow, Faculty: Engineering, Department: Civil Engineering

www.civil.gla.ac.uk/

2. Czech Technical University in Prague, Faculty of Civil Engineering,

www.fsv.cvut.cz/studente/bakalmag/bc/bce.php

3. Politehnika Warszawska, Civil Engineering

www.il.pw.edu.pl/index



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Civil Engineering

Standard 07. Student Enrollment

The Faculty of Technical Sciences, in accordance with the social demands and its own resources, enrolls at the undergraduate academic studies in Civil Engineering, at the budget financing and self-financing, a certain number of students that is every year defined by the special Decision of the NNV FTN. The selection of the students and their enrolment is performed among the applied candidates based on their success during the previous education, as defined by the Statute on the enrolment of students to the study programmes.

Students from other study programmes, as well as those with already completed studies, can enrol this study programme. In these cases the Evaluation committee (made by the head of the study programme and all heads of the chairs participating in the realization of the study programme) evaluate all passed activities by the candidates and based on the acknowledged number of points determine whether the candidate can enrol the graduate – Master studies of the selected study group. The passed activities can be accepted entirely, can be accepted partially (the committee can ask for additional work) or need not be accepted.



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Civil Engineering

Standard 08. Student Evaluation and Progress

The final grade at each individual course in this programme is formed by continual monitoring of students' accomplishments and the results obtained during the academic year and on final examinations. Students master the study programme by taking examinations and thus obtaining a certain number of ECTS credits, in accordance with the study programme. Each course at the study programme has a set number of ECTS credits which students obtain on successfully passing the examination. The number of ECTS credits is determined on the basis of working activities of students in taking a certain course and by applying the unique methodology at the Faculty of Technical Sciences for all study programmes. Students' success in mastering a certain course is constantly monitored during classes and is presented in points. Maximum number of points obtained in a course is 100. Students obtain points from a course through their work during classes, fulfilment of their prerequisites and taking the examination. The minimal number of points that can be obtained by a student after fulfilling prerequisites during the teaching process is 30, and the maximal one is 70. Each course at the study programme has a clear and publicly known mode of obtaining points. The manner of obtaining points during classes includes a number of points given to a student on the basis of each individual type of activities during classes, or by fulfilling prerequisites and taking examinations. A student's final achievement at a course is presented using grades from 5 (fail) to 10 (excellent). A student's grade is based on the overall number of points obtained on fulfilling prerequisites and taking the examination, and in accordance with the quality of acquired knowledge and skills. A student can be able to take the examination from a given course if they have at least 15 ECTS credits from prerequisites. Additional conditions for taking the examination are defined individually for each course. Student's advancement during education is defined in the Regulations for Students at Undergraduate Academic Studies.



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Civil Engineering

Standard 09. Teaching Staff

For the realization of the study programme Civil Engineering, there is the faculty staff with necessary scientific and professional qualifications.



Total number of lecturers is adequate to the demands of the study programme and depends on the number of courses performed and the number of classes per course. The total number of lecturers is adequate to cover the total number of classes at the study programme, so that each lecturer has in average 180 classes of active teaching (lectures, tutorials, practice, practical work,...) annually, i.e. 6 classes per week. Out of the total number of necessary teachers, all 100% is employed full-time.

The number of assistants is adequate for the demands of the study programme. The total number of assistants at the study programme is adequate to cover the entire number of classes at the programme, so that assistants have the average of 300 classes of active classes annually, i.e. 10 classes per week.

Scientific and professional qualifications of the teaching stuff are adequate to educational scientific field and the level of their obligations. Each teacher has at least five references from the narrow professional and scientific field in which they hold lectures at the study programme.



The number of students in a group for lectures is up to 180, practice groups have up to 60 students and laboratory practice groups have up to 20 students.



All data on lecturers and assistants (CV, title appointed, references) are available to the public.



	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications

Name and last name:		Adžić Z. Nevenka	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		15.09.1978	
Scientific or art field:		Mathematics	
Academic carier	Year	Institution	Field
Academic title election:	2002	Faculty of Technical Sciences - Novi Sad	Mathematics
PhD thesis	1990	Faculty of Sciences - Novi Sad	Mathematical Sciences
Magister thesis	1986	Faculty of Sciences - Novi Sad	Mathematical Sciences
Bachelor's thesis	1976	Faculty of Sciences - Novi Sad	Mathematical Sciences
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	E121	Mathematical Analysis 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
2.	E221A	Mathematical Analysis 2	(E20) Computing and Control Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
3.	GG10	Mathematical Methods 3	(G00) Civil Engineering, Undergraduate Academic Studies
4.	M106	Mathematics 2	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
5.	S017	Mathematics 2	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
6.	S0213	Mathematical Statistics	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
7.	Z104	Mathematics 1	(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
8.	BMI91	Mathematics 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies
9.	BMI92	Mathematics 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies
10.	E101A	Discrete Mathematics	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
11.	IM1012	Probability and Statistics	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies

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		Study Programme Accreditation		
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering
List of courses being held by the teacher in the accredited study programmes				
	ID	Course name	Study programme name, study type	
12.	IM1523	Discrete Mathematics	(M30) Energy and Process Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies	
13.	P216	Numerical Analysis	(P00) Production Engineering, Undergraduate Academic Studies	
14.	OM517	Numerical Analysis	(OM1) Mathematics in Engineering, Master Academic Studies	
15.	OML517	Numerical Analysis	(OM1) Mathematics in Engineering, Master Academic Studies	
16.	DZ01MS	Selected Chapters in Mathematics	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies (Z00) Environmental Engineering, Specialised Academic Studies	
17.	D0M24	Numerical Solutions of Differential Equations	(OM1) Mathematics in Engineering, Doctoral Academic Studies	
18.	DZ01M	Selected Chapters in Mathematics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies (F20) Engineering Animation, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G10) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies	
19.	AID06	Graph theory	(F20) Engineering Animation, Doctoral Academic Studies	
Representative references (minimum 5, not more than 10)				
1.	N. Adzic, On the spectral solution for boundary value problem, ZAMM 70,(1990) 6, T647-T649.			
2.	V. Vrcelj, N. Adzic, Z. Uzelac: A numerical asymptotic solution for singular perturbation problems, International journal of computer mathematics, Vol.39, (1991) 229-238.			
3.	N. Adzic: Modified hermite polynomials in the spectral approximation for boundary layer problems, Bulletin of the Australian mathematical society, Vol.45, (1992) 267-276.<leng>			
4.	N. Adzic: Spectral approximation for single turing point problem, ZAMM72(1992)6, T621-T624.			
5.	N. Adzic: Nonclassical orthogonal polynomials and singularly perturbed problems, ZAMM73(1993) 7/8, T868-T871.			
6.	N. Adzic: Spectral approximation and asymptotic behaviour of boundary layer problems, ZAMM74(1994)6, T-553-T555.			
7.	N. Adzic, Z. Uzelac: A combination of spline and spectral approximation for a class of singularly perturbed problems, ZAMM78 (1998), S853-S854			
8.	Z. Uzelac, N. Adzic: The Approximate Solution for Problems with Nonlocal Boundary Conditions, ZAMM79 (1999), S881-S882			
9.	N. Adzic, Z. Uzelac: On spectral approximation for some two-dimensional singularly perturbed problems, ZAMM79 (1999), S851-S852			
10.	N. Adzic: On the spectral approximation for singularly perturbed problems,ZAMM 71(1991)6,T773-T776.			



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :		5		
Total of SCI(SSCI) list papers :		10		
Current projects :		Domestic :	2	International : 0



	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Civil Engineering</p>	
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Science, arts and professional qualifications

Name and last name:		Berić B. Andrijana	
Academic title:		Lecturer	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		04.11.2004	
Scientific or art field:		German	
Academic career	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	German
Master's thesis	2009	Faculty of Philology - Beograd	German
Bachelor's thesis	2003	Faculty of Philosophy - Novi Sad	German
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	F330	German Language – LSP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
2.	F331	German Language – LSP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
3.	NJ01Z	German Language – Elementary	(A00) Architecture, Undergraduate Academic Studies (AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
4.	NJ02L	German Language – Pre-Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies



		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
5.	NJ03Z	German Language – Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
6.	NJ04L	German Language – Upper-Intermediate	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
7.	NJ05	German Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
8.	NJ06	German Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
9.	NJ1L	German Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
10.	NJT1	German Language for Engineers 1	(H00) Mechatronics, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
11.	SSIP22	German Language for Engineers 1	(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies		
12.	NJ01Z	Nemački jezik - osnovni(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies		
13.	NJ02L	Nemački jezik - niži srednji(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies		
14.	NJ03Z	Nemački jezik - srednji(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies		
15.	NJ04L	Nemački jezik - napredni srednji(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies		
16.	NJT1	Nemački jezik u tehnici 1(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies		
17.	NJ02L	German Language – Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies		
18.	NJIIM	German for Specific Purposes	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies		

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	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Civil Engineering		
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
19.	F508	German Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies
20.	nja	German Language in Architecture	(AH0) Architecture, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Prevod: Inovacije i trendovi u proizvodnji alatnih mašina		
2.	Prevod: Inženjerstvo mehatroničnih sistema		
3.	Prevodi za Pro Elektro (u toku)		
4.	Prevod: Arbeitszenarien und Optimierung von Abläufen und Steuerung von selbstorganisierenden Bionic Assembly System in CIM Umgebung (u toku)		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	0 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	



Science, arts and professional qualifications

Name and last name:		Bogdanović Z. Vuk	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.02.1993	
Scientific or art field:		Traffic Planning, Regulation and Safety	
Academic career	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Traffic Planning, Regulation and Safety
PhD thesis	2005	Faculty of Technical Sciences - Novi Sad	Traffic Systems
Magister thesis	1998	Faculty of Technical Sciences - Novi Sad	Traffic Systems
Bachelor's thesis	1991	Faculty of Technical Sciences - Novi Sad	Traffic Systems
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	S0432	Traffic Flow Theory	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (G00) Civil Engineering, Undergraduate Academic Studies
2.	S0434	Traffic Regulation and Control	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
3.	S0439	Road Capacity	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
4.	S051	Traffic Design	(S00) Traffic and Transport Engineering, Master Academic Studies
5.	S0I592	Project Evaluation	(S00) Traffic and Transport Engineering, Master Academic Studies
6.	SOP2	Transportation Demand Management	(S00) Traffic and Transport Engineering, Master Academic Studies
7.	DSIM4	Methods in Traffic Infrastructure Management	(S00) Traffic Engineering, Doctoral Academic Studies
8.	DSSK3A	Research and simulation of road traffic flow	(S00) Traffic Engineering, Doctoral Academic Studies
9.	DSSK4	Urban planning and development of transport networks	(S00) Traffic Engineering, Doctoral Academic Studies
10.	DSSK6	Maintainable urban transport systems	(S00) Traffic Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Teorija saobraćajnog toka, Fakultet tehničkih nauka, Novi Sad, 2004.		
2.	Kapacitet putnih i uličnih ukrštanja-prioritetne raskrsnice (novi koncept), Fakultet tehničkih nauka, Novi Sad, 2002		
3.	Prilog proučavanju kapaciteta i nivoa usluge na trokrakim i kružnim prioritetnim raskrsnicama po novom konceptu		
4.	Prilog definisanju relevantnih parametara saobraćajnog toka za potrebe vrednovanja rekonstrukcije signalisanih raskrsnica		
5.	Tanackov I., Bogdanović V., Tepić J., Sremac S., Ruškić N.: The Application of Artificial Intelligence Hybrid in Traffic Flow, Heidelberg, Springer, Heidelberg, 2011, str. 83-90, ISBN 0302-9743, UDK: 978-3-642-21219-2_12		
6.	Bogdanović V., Milutinović N., Kostić S., Ruškić N.: Research of the Influences of Input Parameters on the Result of Vehicles Collisions Simulation, Promet - Traffic		
7.	Bogdanović V., Dadić I., Papić Z., Ruškić N.: Procedure for Safe Distance Determination for Minor Movement Accomplishing at Unsignalized Intersections, Promet - Traffic		
8.	Papić Z., Bogdanović V., Raković M.: Analyze of Changes in Exterior Dimensions of Cars During Collison with Fixed Barriers, Mobility		
9.	Bogdanović V., Papić Z., Ruškić N., Jeftić A.: Vehicle Speed Characteristics at Signalized Intersections Approaches, Suvremeni promet, 2011, Vol. 31, No 3-4, pp. 196-200, ISSN 0351-1898		
10.	Bogdanović V., Papić Z., Ruškić N., Basarić V., Jusufranić J.: Analysis of Traffic Conditions Influence on Capacity of Unsignalized Intersection Approach, Suvremeni promet, 2011, Vol. 31, No 3-4, pp. 257-262, ISSN 0351-1898		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		4	
Current projects :		Domestic :	1
		International :	0



	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	



Science, arts and professional qualifications



Name and last name:		Bogdanović Ž. Vesna	
Academic title:		Senior Lecturer	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		15.12.1999	
Scientific or art field:		English	
Academic career	Year	Institution	Field
Academic title election:	2009	Faculty of Technical Sciences - Novi Sad	English
Magister thesis	2007	Faculty of Philosophy - Novi Sad	English
Bachelor's thesis	1999	Faculty of Philosophy - Novi Sad	English
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	AEJ1L	English Language - Elementary	(A00) Architecture, Undergraduate Academic Studies
2.	AEJ2L	English Language intermediate	(A00) Architecture, Undergraduate Academic Studies
3.	AEJ2Z	English intermediate	(A00) Architecture, Undergraduate Academic Studies
4.	AEJ3Z	English Language - upper intermediate	(A00) Architecture, Undergraduate Academic Studies
5.	EJ01L	English Language – Elementary	(G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
6.	EJ01Z	English Language - Elementary	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
7.	EJ02L	English Language – Pre-Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies

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		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
8.	EJ02Z	English Language – Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
9.	EJ03Z	English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
10.	EJ04L	English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
11.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
12.	EJ2L	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		

		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
13.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
14.	EJ3L	English Language – Advanced	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
15.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
16.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
17.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies		
18.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
19.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
20.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
21.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
22.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies		
23.	EJM	English Language – ESP Course	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies		
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
26.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies		
27.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
28.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
29.	ISIT07	English Language 2	(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies		
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies		



	UNIVERSITY OF NOVI SAD		
	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	Study Programme Accreditation		
UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
31.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
32.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies
33.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies
34.	EJIM	English for Specific Purposes	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
35.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies
36.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies
37.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies
38.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
39.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies
40.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Vesna Marković, English in Civil Engineering, FTN Izdavaštvo, Novi Sad, 2004.		
2.	Vesna Bogdanović, Ivana Mirović, Engleski jezik za grafičko inženjerstvo i dizajn 1, FTN Izdavaštvo, Novi Sad, 2007.		
3.	Ivana Mirović, Vesna Bogdanović, Engleski jezik 2 za grafičko inženjerstvo i dizajn, FTN Izdavaštvo, Novi Sad, 2008		
4.	Vesna Marković, English in Civil Engineering, drugo izdanje, FTN Izdavaštvo, Novi Sad, 2008.		
5.	University of Novi Sad, Faculty of Technical Sciences, prevele: Marina Katić, Vesna Marković, Ivana Mirović, Fakultet tehničkih nauka, Novi Sad, 2004.		
6.	Mr Vesna Bogdanović, Pačvork romani Alis Voker i Toni Morison, Beograd: Zadužbina Andrejević, 2009, ISBN 978-86-7244-743-9		
7.	Bogdanović Vesna, Mirović Ivana, Ličen Branislava, Kreiranje udžbenika za stručni engleski jezik za studente različitog predznanja, Zbornik radova međunarodne konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 445-454		
8.	Mirović Ivana, Bogdanović Vesna, Ličen Branislava, Istorijat nastave stručnog engleskog jezika na FTN-u u Novom Sadu, Zbornik radova međunarodne konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 170-176		



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
Representative references (minimum 5, not more than 10)			
9.	Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova međunarodne konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 329-332		
10.	Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova međunarodne konferencije Jezik struke – teorija i praksa, DSJKS, Beograd, 2008: 705-712		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	0
		International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:			Brujić S. Zoran
Academic title:			Assistant Professor
Name of the institution where the teacher works full time and starting date:			Faculty of Technical Sciences - Novi Sad
			01.07.1996
Scientific or art field:			Constructions in Civil Engineering
Academic carieer	Year	Institution	Field
Academic title election:	2008	Faculty of Technical Sciences - Novi Sad	Constructions in Civil Engineering
PhD thesis	2008	Faculty of Technical Sciences - Novi Sad	Civil Engineering
Magister thesis	2001	Faculty of Technical Sciences - Novi Sad	Constructions in Civil Engineering
Bachelor's thesis	1993	Faculty of Technical Sciences - Novi Sad	Constructions in Civil Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG11	Fundamentals in Computing	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG203	Actions on Structures	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG25	Theory on Concrete Structures 1	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GG28	Theory on Concrete Structures 2	(G00) Civil Engineering, Undergraduate Academic Studies
5.	GG30	Concrete Structures	(G00) Civil Engineering, Undergraduate Academic Studies
6.	GG405	Finishing Operations and Installation in Facilities	(G00) Civil Engineering, Undergraduate Academic Studies
7.	Z202	Graditeljstvo i životna sredina(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
8.	GG37	Basics of design in civil engineering structures	(G00) Civil Engineering, Undergraduate Academic Studies
9.	GH407	Concrete structures - Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
10.	GP406	Concrete structures - Roads	(G00) Civil Engineering, Undergraduate Academic Studies
11.	GG501	Concrete Construction for Engineering Structures	(G00) Civil Engineering, Master Academic Studies
12.	GG505	Concrete Bridges	(G00) Civil Engineering, Master Academic Studies
13.	GG510	Assembled Concrete Structures	(G00) Civil Engineering, Master Academic Studies
14.	GG511	Special Prestressed and Composite Concrete Structures	(G00) Civil Engineering, Master Academic Studies
15.	GG531	Odabrana poglavlja zidanih konstrukcija	(G00) Civil Engineering, Master Academic Studies
16.	GD015	Rheology of Concrete Structures	(G00) Civil Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Starčev-Čurčin A., Rašeta A., Brujić Z.: Automatic Obtaining of the Strutt-and-Tie Models for RC Plane Elements Vol. 8., No. 4., 11/12.2013, Technics Technologies Education Management / TTEM, 2013, Vol. 8, No 4, ISSN 1840-1503		
2.	Brujić Z., Folić R.: Slenderness ratio criterion of reinforced concrete columns, Bulletins for Applied and Computer Mathematics, 2001		
3.	Folić R., Brujić Z.: Dynamic analysis of columns made of time-dependent materials, Bulletins for Applied Mathematics, 1996, ISSN 0133-3526		
4.	Folić R., Brujić Z.: Stability of compressed columns according to linear creep theory, Bulletins for Applied Mathematics, 1996, ISSN 0133-3526		
5.	Starčev-Čurčin A., Rašeta A., Brujić Z.: STRUT-AND-TIE MODELS OF REINFORCED CONCRETE PLANE MEMBERS, 4. Građevinarstvo nauka i praksa, Žabljak: Univerzyitet Crne Gore, Građevinski fakultet, 20-24 Februar, 2012, pp. 329-336, ISBN 978-86-82707-21-9		
6.	Brujić Z.: Optimal design of rectangular RC cross-sections subjected to uni-axial bending according to Eurocode 2, 1. International Symposium about Research and Application of Modern Achievements in Civil Engineering in the Field of Materials and Structures, Tara: Društvo za ispitivanje i istraživanje materijala i konstrukcija Srbije, 19-21 Oktobar, 2011, pp. 243-250, ISBN 978-86-87615-02-1		
7.	Starčev-Čurčin A., Rašeta A., Brujić Z.: Optimization of RC Plane Elements by Strut-and-Tie Models, 1. International Symposium about Research and Application of Modern Achievements in Civil Engineering in the Field of Materials and Structures, Tara: Društvo za ispitivanje i istraživanje materijala i konstrukcija Srbije, 19-21 Oktobar, 2011, pp. 195-202, ISBN 978-86-87615-02-1		
8.	Folić R., Brujić Z., Lekić R.: Condition assesment and design of structures for water aerator Naziv skupa: 11th Internationa Conference Structural Faults Repair-2006, UDK: Abstracts p. 139-140 CDRom – OBUL-FOL-B		
9.	Folić R., Brujić Z.: Numerical analysis of Reinforced Concrete Slender Columns Design Procedures Naziv skupa: The Ninth Symposium of Mathematics and its Applications		
10.	Folić R., Lađinović Đ., Brujić Z.: Analysis and Design of RC Structures According to EC 8 Naziv skupa: International Symposium on Earthquake Engineering ISEE 2000 Proceedings, UDK: 624.042.7 (082) (063)		
Summary data for teacher's scientific or art and professional activity:			



	<div>UNIVERSITY OF NOVI SAD</div> <div>FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</div>				
<div>Study Programme Accreditation</div> <div>UNDERGRADUATE ACADEMIC STUDIES<div>Civil Engineering</div></div>					
Quotation total :		0			
Total of SCI(SSCI) list papers :		0			
Current projects :		Domestic :	1	International :	0

	<p>UNIVERSITY OF NOVI SAD</p> <p>FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p>Study Programme Accreditation</p> <p>UNDERGRADUATE ACADEMIC STUDIES Civil Engineering</p>	
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Science, arts and professional qualifications



Name and last name:		Bulatović S. Vladimir	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.03.2003	
Scientific or art field:		Geodesy	
Academic career	Year	Institution	Field
Academic title election:	2011	Faculty of Technical Sciences - Novi Sad	Geodesy
PhD thesis	2011	Faculty of Technical Sciences - Novi Sad	Geodesy
Magister thesis	2007	Faculty of Organizational Sciences - Beograd	Information-Communication Systems
Bachelor's thesis	2001	Faculty of Civil Engineering - Beograd	Geodesy
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG08	Geodesy	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GI019	Bathymetry	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
3.	GI025B	Geodetic Metrology	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
4.	GI029	Utility Information Systems and their Application	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
5.	GI210	Mean Value Calculation	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
6.	GI307A	Engineering Geodesy	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
7.	GI207	GNSS basics	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
8.	GI401A	Integrated Systems of Surveying	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
9.	GI403	Methods for Precise Geodetic Measurements and Data Processing	(GI0) Geodesy and Geomatics, Master Academic Studies
10.	GI502	Location Based Services	(GI0) Geodesy and Geomatics, Master Academic Studies
11.	GI514	Engineering Geodesy 3	(GI0) Geodesy and Geomatics, Master Academic Studies
12.	GI518	Geodesy in City Planning	(GI0) Geodesy and Geomatics, Master Academic Studies
13.	GI600	Applied Geophysics in Geomatics	(GI0) Geodesy and Geomatics, Master Academic Studies
14.	URZP65	Geodetic methods for the determination of geodynamic movements	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
15.	GI531	Application of GNSS systems	(GI0) Geodesy and Geomatics, Master Academic Studies
16.	GIAU02	Position Based Services	(E20) Computing and Control Engineering, Master Academic Studies
17.	SDGI02	Selected topics in engineering geodesy	(GI0) Geodesy and Geomatics, Specialised Academic Studies
18.	SDGI06	Selected Chapters in Real Estate Cadastre	(GI0) Geodesy and Geomatics, Specialised Academic Studies
19.	SDGI10	Selected Chapters in Landscape Arrangement	(GI0) Geodesy and Geomatics, Specialised Academic Studies
20.	SDGI12	Selected topics in Integrated Systems of Surveying	(GI0) Geodesy and Geomatics, Specialised Academic Studies
21.	SDGI19	Utility Information Systems and their Application	(GI0) Geodesy and Geomatics, Specialised Academic Studies
22.	SDGI20	Selected topics in Geodynamics	(GI0) Geodesy and Geomatics, Specialised Academic Studies
23.	SDGI5D	Selected Chapters in the Mass Appraisal of Real Estate	(GI0) Geodesy and Geomatics, Specialised Academic Studies
24.	SDGI6A	Selected Chapters in Appraisal	(GI0) Geodesy and Geomatics, Specialised Academic Studies
25.	DGI002	Selected Chapters in Engineering Geodesy	(GI0) Geodesy and Geomatics, Doctoral Academic Studies
26.	DGI006	Selected Chapters in Real Estate Cadastre	(GI0) Geodesy and Geomatics, Doctoral Academic Studies



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
27.	DGI009	Selected Chapters in GNSS Systems	(GI0) Geodesy and Geomatics, Doctoral Academic Studies
28.	DGI010	Selected Chapters in Landscape Arrangement	(GI0) Geodesy and Geomatics, Doctoral Academic Studies
29.	DGI019	Selected Chapters in Municipal Information Systems	(GI0) Geodesy and Geomatics, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Bulatović V., Sušić Z., Ninkov T.: Estimate of the ASTER-GDEM regional systematic errors and their removal, INT J REMOTE SENS, 2012, Vol. 33, No 18, pp. 5915-5926, ISSN 0143-1161		
2.	Bulatović V., Ninkov T., Malenković V., Vulić M.: Contemporary Methods of Determining Energy Losses in Structures, TTEM. Tehnics technologies education management, 2012, Vol. 7, No 2, pp. 687-692, ISSN 1840-1503		
3.	Bulatović V., Sušić Z., Ninkov T.: Open Geospatial Consortium Web Services in Complex Distribution Systems, Geodetski list, 2010, Vol. 64, No 1, pp. 13-29, ISSN 0016-710X		
4.	*****Autori: T. Ninkov, V. Bulatović, Z. Sušić Naziv: Primena laserskog skeniranja kod projektovanja linijskih struktura i objekata Naziv skupa: GNP 2008		
5.	*****Autori: Ninkov T., Bulatović, V. Naziv: Neke praktične primene AGROS-a Naziv skupa: Konferencija o uvođenju novog geodetskog referentnog sistema		
6.	*****Autori: Ninkov T., Bulatović, V. Naziv: Primena naprednih tehnologija u projektima čišćenja reke Dunav od neeksplozivnih ubojitih sredstava na području Novog Sada Naziv skupa: GNP 2006		
7.	*****Autori: Ninkov T., Bulatović, V. Naziv: Savremene metode izrade digitalnih topografskih podloga Naziv skupa: GNP 2006		
8.	*****Autori: Benka P., Bulatović, V. Naziv: GIS in irrigation system menagment Naziv skupa: VIItth International symposium intedisciplinary regional research		
9.	Benka P., Bulatović V.: Geographic Information System in Irrigation System Management, 7. ISIRR 2003, Hunedoara, 1 Januar, 2010, pp. 614-619		
10.	*****Autori: Z. Sušić, D. Vasić, V. Bulatović, T. Ninkov Naziv: Geodetski monitoring građevinskih objekata korišćenjem konvencionalnih i savremenih tehnologija Naziv skupa: GNP 2008		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		3	
Current projects :		Domestic :	2
		International :	1

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:		Dražić J. Jasmina	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 26.06.1985	
Scientific or art field:		Building Engineering - Construction and Architectural Constructions	
Academic carier	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	Building Engineering - Construction and Architectural Constructions
PhD thesis	2005	Faculty of Technical Sciences - Novi Sad	Civil Engineering
Magister thesis	1993	Faculty of Technical Sciences - Novi Sad	Civil Engineering
Bachelor's thesis	1982	Faculty of Technical Sciences - Novi Sad	Civil Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	A374	Project and Construction Management 1	(A00) Architecture, Undergraduate Academic Studies
2.	GG13	Building Engineering 1	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG16	Building Engineering 2	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GG31	Technology and Building Organization 1	(G00) Civil Engineering, Undergraduate Academic Studies
5.	GG33	Technology and Building Organization 2	(G00) Civil Engineering, Undergraduate Academic Studies
6.	GG404	Precasting and Assembly Technology	(G00) Civil Engineering, Undergraduate Academic Studies
7.	URZP22	Safety Aspects in the Built Environment	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	ZR302A	Safety at work in construction	(Z01) Safety at Work, Undergraduate Academic Studies
9.	ZRI43A	Management of safety at work process in construction	(Z01) Safety at Work, Undergraduate Academic Studies
10.	A394	Project and Building Management 2	(AH0) Architecture, Master Academic Studies
11.	GG520	Industrial Methods in Construction	(G00) Civil Engineering, Master Academic Studies
12.	GM501	System Theory and System Analysis	(G00) Civil Engineering, Master Academic Studies
13.	ZP514	Planning and organizing activities during events with catastrophic consequences	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Letić M., Dražić J.: Zgradarstvo, Novi Sad, Univerzitet u Novom Sadu Fakultet tehničkih nauka, 2001, str. 1-189, ISBN 86-80249-28-9		
2.	Trivunić M., Dražić J.: Montaža betonskih konstrukcija zgrada, Drugo dopunjeno izdanje, Beograd, Univerzitet u Novom Sadu, FTN Novi Sad, AGM knjiga Beograd, 2009, str. 1-277, ISBN 978-86-86363-19-0		
3.	Dražić J.: Conceptual designing of aseismic structures-evaluation of design solution, Materijali i konstrukcije, 2009, Vol. 1, No 52 (2009) 3-4, pp. 21-35, ISSN 0543-0798, UDK: 699.841=861		
4.	Dražić J.: Vrednovanje i optimizacija montažnih konstrukcija-tehnološki aspekt,, Tehnika, 2010, Vol. 1, br 3, str. 103-111, ISSN 0040-2176		
5.	Dražić J.: Resursi za planiranje proizvodnje elemenata konstrukcija montažnih hala, Izgradnja, 2010, Vol. 1, br 3-4, str. 155-161, ISSN 0350-5421, UDK: 624.91.021.4:725.4		
6.	Dražić J., Mučenski V., Trivunić M., Peško I.: Influence a risk of assembly process realization on the choice of assembly metod, 1. International Scientific Conference Peeople, Building and Environment, Brno: University of Technology and Mendel University og Agriculture and Forestry in Brno, Fakulty of Civil Engineering, Fakulty of Forestry and Wood Technology , 26-27 Novembar, 2009, pp. 183-187, ISBN 978-80-7204-660-7		
7.	Dražić J., Folić R., Lađinović Đ.: Influence of design solution of structural behaviour under seismic actions, 3. Građevinarstvo nauka i praksa, Žabljak: Univerzitet Crne Gore, Građevinski fakultet u Podgorici, 15-20 Februar, 2010, pp. 481-487, ISBN 978-86-82707-18-9		
8.	Dražić J., Trivunić M., Mučenski V., Peško I.: Prefabrication in the Context of Sustainability, 1. International Symposium about Research and Application of Modern Achievements in Civil Engineering in the Field of Materials and Structures, Tara: Society for Materials and Structures Testing of Serbia, 19-21 Oktobar, 2011, pp. 471-478, ISBN 978-86-87615-02-1		
9.	Dražić J.: Configuration of the Seismically Resistant Buildings, 1. International Symposium about Research and Application of Modern Achievements in Civil Engineering in the Field of Materials and Structures, Tara: Society for Materials and Structures Testing of Serbia, 19-21 Oktobar, 2011, pp. 351-358, ISBN 978-86-87615-02-1		
10.	Dražić J., Malešević E., Aleksić I.: Influence of Life Cycle Costs on the Choice of Optimal Variation of Floor Covering, 4. Građevinarstvo nauka i praksa, Žabljak: Univerzitet Crne Gore, Građevinski fakultet u Podgorici, 20-24 Februar, 2012, pp. 2351-2358, ISBN 978-86-82707-21-9		
Summary data for teacher's scientific or art and professional activity:			

	UNIVERSITY OF NOVI SAD				
	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
Study Programme Accreditation					
UNDERGRADUATE ACADEMIC STUDIES				Civil Engineering	
Quotation total :		0			
Total of SCI(SSCI) list papers :		0			
Current projects :		Domestic :	2	International :	0

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES	
	Civil Engineering	



Science, arts and professional qualifications

Name and last name:		Đogo B. Mitar	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 05.12.1986	
Scientific or art field:		Geotechnics	
Academic carieer	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	Geotechnics
PhD thesis	1996	Faculty of Technical Sciences - Novi Sad	Geotechnics
Magister thesis	1992	Faculty of Technical Sciences - Novi Sad	Geotechnics
Bachelor's thesis	1986	Faculty of Technical Sciences - Novi Sad	Civil Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	A309	Soil Mechanics and Foundations	(A00) Architecture, Undergraduate Academic Studies
2.	GG24	Soil Mechanics	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG32	Foundation	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GI505	Advanced Techniques in Geodetic Design and Monitoring	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
5.	GP404	Geotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
6.	URZP18	Stability of terrain	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	GG37	Basics of design in civil engineering structures	(G00) Civil Engineering, Undergraduate Academic Studies
8.	GG506	Professional Practice	(G00) Civil Engineering, Master Academic Studies
9.	GP504	Tunnels	(G00) Civil Engineering, Master Academic Studies
10.	MPK017	Fundamentals of Geosciences	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engleskom), Master Academic Studies
11.	GD002	Selected Chapters in Foundation	(G00) Civil Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Uplift test results of piles. 9 th Danube European Conference on Soil Mechanics and Found. Eng., pp.158-163, Budapest. Milovic, D., Djogo, M., (1990)		
2.	Settlement of circular foundation of any rigidity. 10 th European Conference on Soil Mechanics and Found. Eng., pp. 497-500, Firenze. Milovic, D., Djogo, M., (1991)		
3.	Stresses and settlements of circular foundation of any rigidity. 13 th Canadian congress of applied mechanics, pp. 257-258, Manitoba. Milovic, D., Djogo, M., (1991)		
4.	Rectangular raft of any rigidity on the layer of limited thickness. XIVth International Conference on Soil Mechanics & Foundation Engineering, pp. 857-858, Milovic, D. Djogo, M. Hamburg., (1997)		
5.	A pile loaded by horizontal force and moment – theoretical and field load test results. Proceedings of the 16 th International Conference on Soil Mechanics and Geotechnical Engineering, Vol. 4, pp. 2023-2026, Osaka. Milovic, D., Djogo, M., (2005)		
6.	Greške u fundiranju. Monografija. Fakultet tehničkih nauka, str. 1-438, Novi Sad. Milović, D., Đogo, M., (2005)		
7.	Đogo, M., Vasić, M., (2011): Landslide in the area of the bridge on the Danube in Novi Sad. Proceedings of the ICE - Geotechnical Engineering, Volume 164, Issue 1, pp. 3-10, Thomas Telford, London. ISSN: 1353-2618, E-ISSN: 1751-8563, DOI: 10.1680/geng.2011.164.1.3		
8.	Đogo, M., Vasić, M., Čosić, M., (2011): Engineering geological evaluation of the conditions for constructing a bridge and a tunnel in the zone of the old Petrovaradin Fortress. Bulletin of Engineering Geology & the Environment, Volume 70, Number 1, pp. 139-142, Springer, Berlin. ISSN: 1435-9529, E-ISSN: 1435-9537, DOI: 10.1007/s10064-010-0292-0		
9.	Milović, D., Đogo, M., (2009): Analysis of piled raft foundation. Materials and structures 3-4. pp. 3-20, Beograd.		
10.	Milović, D., Đogo, M., (2009): Problemi interakcije tlo - temelj - konstrukcija. Monografija. SANU - Ogranak u Novom Sadu, str. 1-428, Novi Sad.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		7	
Total of SCI(SSCI) list papers :		2	
Current projects :		Domestic :	International :
		2	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	



Science, arts and professional qualifications

Name and last name:		Đurić V. Duško	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 03.11.2005	
Scientific or art field:		Hydrotechnics	
Academic carieer	Year	Institution	Field
Academic title election:	2010		Hydrotechnics
PhD thesis	1999	Faculty of Civil Engineering - Beograd	Hydrotechnics
Magister thesis	1987	Faculty of Civil Engineering - Zagreb	Hydrotechnics
Bachelor's thesis	1977	Faculty of Civil Engineering - Beograd	Hydrotechnics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG18	Fundamentals in Hydromechanics and Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG301	Hydrotechnical Facilities and Systems	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG408	Municipal Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GH405	River Regulation and Flood Protection	(G00) Civil Engineering, Undergraduate Academic Studies
5.	A702	Architectural Technology 3	(A00) Architecture, Undergraduate Academic Studies
6.	GH402	Hydrotechnical Structures	(G00) Civil Engineering, Master Academic Studies
7.	MPK004	Fundamentals of Hydromechanics and hydrotechinc	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engleskom), Master Academic Studies
8.	MPK018	River Basin Management	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engleskom), Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Snabdevanje vodom za piće, Arhitektonsko-građevinski fakultet Banja Luka, 2001 (strana 1-234)		
2.	"Interakcija urbanih hidrotehničkih sistema" - Međunarodna konferencija i seminar "Održiva rehabilitacija gradskih sistema i životne sredine", Zbornik radova (str.50-63), Urbanistički zavod Republike Srpske, a.d Banja Luka, 2001.godine		
3.	Uticaj suše na vodne resurse", Zbornik radova sa simpozijuma" Strategije razvoja gradova i saobraćaj"-Urbanistički zavod Republike Srpske Banja Luka, Udruženje urbanista Srbije - Beograd, str.416-422,2001.godine		
4.	APPLICATION OF HYDRODYNAMICAL MODELS IN REDUCING THE INDETERMINACY OF THE INPUT PARAMETERS FOR UNDERGROUND STREAMS SIMULATION, Nis 2006. FACTA UNIVERSITATIS, University of Nis.		
5.	Dr. Duško Đurić dipl. inž. građ. : "Problemi zaštite izvorišta Grmič u Bijeljini" - Voda i mi, časopis Javnog preduzeća za vodno područje slivova rijeke Save, Sarajevo 2005. godine, br. 41, str. 17. - 22.		
6.	Duško Đurić: "Primena hidrodinamičkih modela u smanjenju neodređenosti ulaznih parametara za simulaciju podzemnih tokova", Konferencija Savremena praksa - Fakultet tehničkih nauka Institut za građevinarstvo Novi Sad, Društvo građevinskih inženjera i tehničara Novi Sad, Zbornik radova str. 55 – 68. Novi Sad, 15 i 16. mart 2006.		
7.	Svetomir Prokić, Duško Đurić, Miomir Arsić: "Retenzioni kapacitet akumulacije Bočac" – Jugoslovensko društvo za visoke brane, drugi kongres Kladovo 2003. Zbornik radova, knjiga 1, str 269 - 276.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	3
		International :	2



	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	



Science, arts and professional qualifications



Name and last name:		Gak M. Dragana	
Academic title:		Lecturer	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		16.09.2009	
Scientific or art field:		English	
Academic carieer	Year	Institution	Field
Academic title election:	2008	Faculty of Entrepreneurial Management - Novi Sad	English
Magister thesis	2010	Faculty of Philosophy - Novi Sad	English and American Literature
Bachelor's thesis	2000	Faculty of Philosophy - Novi Sad	English
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	AEJ1L	English Language - Elementary	(A00) Architecture, Undergraduate Academic Studies
2.	AEJ2L	English Language intermediate	(A00) Architecture, Undergraduate Academic Studies
3.	AEJ2Z	English intermediate	(A00) Architecture, Undergraduate Academic Studies
4.	AEJ3Z	English Language - upper intermediate	(A00) Architecture, Undergraduate Academic Studies
5.	EJ01L	English Language – Elementary	(G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
6.	EJ01Z	English Language - Elementary	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
7.	EJ02L	English Language – Pre-Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies

		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
8.	EJ02Z	English Language – Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
9.	EJ03Z	English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
10.	EJ04L	English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
11.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
12.	EJ2L	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		

		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
13.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
14.	EJ3L	English Language – Advanced	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
15.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
16.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
17.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies		
18.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
19.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
20.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
21.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
22.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies		
23.	EJM	English Language – ESP Course	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies		
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
26.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
27.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
28.	ISIT01	English Language 1	(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies		
29.	ISIT07	English Language 2	(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies		
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies		



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		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
31.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies		
32.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies		
33.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies		
34.	EJIM	English for Specific Purposes	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies		
35.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
36.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
37.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies		
38.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
39.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies		
40.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies		
Representative references (minimum 5, not more than 10)					
1.	Gak Dragana, Lorejn Hansberi i (afro) američka porodica, Zadužbina Andrejević, Beograd, 2012				
2.	Gak Dragana, Bulatović Vesna, Bogdanović Vesna, Poređenje nastave engleskog jezika na privatnom i državnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str. 705-709, Beograd, 2009.				
3.	Bulatović Vesna, Gak Dragana, Bogdanović Vesna, Nastava stranih jezika na privatnom fakultetu, Zbornik radova sa međunarodne konferencije Jezik struke: Teorija i praksa, Univerzitet u Beogradu, str.329-333, Beograd, 2009.				
4.	Bogdanović Vesna, Gak Dragana, Univerzalana simbolika na primeru afro-američke zajednice u drami Lorejn Hansberi, Sveske, broj 98, decembar , Pančevo, 2010				
5.	Gak Dragana, Borković Bojana, Needs Analysis: A Basis of a Successful Business English Course, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 880-885, Beograd, 2011.				
6.	Bulatović Vesna, Gak Dragana, Speaking Skills: Advantages and Problems Involved When Teaching Business English, Zbornik radova sa međunarodne konferencije Jezik struke: Izazovi i perspektive, Univerzitet u Beogradu, str. 235-240, Beograd, 2011.				
7.	Gak Dragana, Textbook - An Important Element in the Teaching Process, Metodčki vidici, Filozofski fakultet Novi Sad, str.78-82, Novi Sad, 2011.				



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>			
Representative references (minimum 5, not more than 10)				
8.	Gak Dragana, Questionnaire - an Instrument for Collecting Valuable Data from Teachers of Business English Courses, Zbornik radova sa međunarodne konferencije The Importance of Learning Professional Foreign Language for Communication Between Cultures, Faculty of Logistics, University of Maribor, Slovenia, 2012			
9.	Mirović Ivana, Gak Dragana, Trust Me I'm an Engineer, Zbornik radova sa međunarodne konferencije The Importance of Learning Professional Foreign Language for Communication Between Cultures, Faculty of Logistics, University of Maribor, Slovenia, 2012.			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :				
Total of SCI(SSCI) list papers :				
Current projects :	Domestic :		International :	



	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications

Name and last name:		Gilezan K. Silvia	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.04.1984	
Scientific or art field:		Mathematics	
Academic carier	Year	Institution	Field
Academic title election:	2005	Faculty of Technical Sciences - Novi Sad	Mathematics
PhD thesis	1993	Faculty of Sciences - Novi Sad	Mathematical Sciences
Magister thesis	1988	Faculty of Mathematics - Beograd	Mathematical Sciences
Bachelor's thesis	1981	Faculty of Sciences - Novi Sad	Mathematical Sciences
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GH404	Mathematical Statistics	(G00) Civil Engineering, Master Academic Studies (G00) Civil Engineering, Undergraduate Academic Studies
2.	GI303B	Probability and Mathematical Statistics	(G10) Geodesy and Geomatics, Undergraduate Academic Studies
3.	IAM003	Formal Mathematical Models	(F10) Engineering Animation, Undergraduate Academic Studies
4.	S011	Mathematics 1	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
5.	Z203	Statistical Methods	(Z01) Safety at Work, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
6.	IM1012	Probability and Statistics	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
7.	OM506	Semantics of Programming Languages	(OM1) Mathematics in Engineering, Master Academic Studies
8.	OM507	Logic in Computer Science	(OM1) Mathematics in Engineering, Master Academic Studies
9.	OM513	Introduction to Functional Programming Languages	(OM1) Mathematics in Engineering, Master Academic Studies
10.	OML506	Semantics of programming languages	(OM1) Mathematics in Engineering, Master Academic Studies
11.	OML507	Logic in computer science	(OM1) Mathematics in Engineering, Master Academic Studies
12.	OML513	Introduction to Functional Programming Languages	(OM1) Mathematics in Engineering, Master Academic Studies
13.	DZ01MS	Selected Chapters in Mathematics	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies (Z00) Environmental Engineering, Specialised Academic Studies
14.	GH404	Mathematical Statistics	(G00) Civil Engineering, Master Academic Studies (G00) Civil Engineering, Undergraduate Academic Studies
15.	SD0M06	Logic in Computer Science	(G10) Geodesy and Geomatics, Specialised Academic Studies



		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
<h2 style="text-align: center;">Study Programme Accreditation</h2>					
UNDERGRADUATE ACADEMIC STUDIES				Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
16.	MPK001	Statistical and Numerical Methods	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engleskom), Master Academic Studies		
17.	D0M05	Semantics of Programming Languages	(OM1) Mathematics in Engineering, Doctoral Academic Studies		
18.	D0M06	Logic in Computer Science	(OM1) Mathematics in Engineering, Doctoral Academic Studies		
19.	D0M11	Models of Computation	(OM1) Mathematics in Engineering, Doctoral Academic Studies		
20.	D0M12	Introduction to Functional Programming Languages	(OM1) Mathematics in Engineering, Doctoral Academic Studies		
21.	D0M13	Theory of Mobile Processes	(OM1) Mathematics in Engineering, Doctoral Academic Studies		
22.	D0M14	Process Algebra	(OM1) Mathematics in Engineering, Doctoral Academic Studies		
23.	DZ01M	Selected Chapters in Mathematics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies (F20) Engineering Animation, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (GI0) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies		
24.	AID05	Theory of Mobile Processes	(F20) Engineering Animation, Doctoral Academic Studies		
Representative references (minimum 5, not more than 10)					
1.	"Inhabitation in lambda calculus with intersection and union types", Journal of Logic and Computation 6 (1993) 671-685, Oxford University Press				
2.	"Characterizing strong normalization in the Curien-Herbelin symmetric lambda calculus: extending the Coppo-Dezani heritage, (sa D.Dougherty, P.Lescanne) Theoretical Computer Science 2007				
3.	"Separating Points by Parallel Hyperplanes " (sa J. Pantovic, J. Zunic), IEEE Transactions of Neural Networks 18(5) (2007) 1356-1363				
4.	"Lambda terms for natural deduction, sequent calculus and cut elimination" (sa H.P.Barendregt), Journal of Functional Programming, 10 (2000) 121-134.				
5.	"Confluence of untyped lambda calculus via simple types" (with V.Kuncak), ICTCS'01, Lecture Notes in Computer Science 2201, 38-49.				
6.	"Full intersection types and topologies in lambda calculus", Journal of Computer and System Sciences, 62 (2001) 1-14.				
7.	"Behavioural inverse limit lambda models" (sa M. Dezani-Ciancaglini, S. Likavec), Theoretical Computer Science Vol 316/1-3 (2004) 49-74.				
8.	"Strong normalization of the classical sequent calculus" (sa D. Dougherty, P. Lescanne, S.Likavec), Lecture Notes in Computer Science 3835 (2005) 169-183.				
9.	"Security types for dynamic web data" (sa M.Dezani-Ciancaglini, J. Pantovic), Trustworthy Global Computing, TGC'06, Lecture Notes in Computer Science 4661 (2007) 263-280.				
10.	Zbirka rešenih zadataka iz statistike (sa Z.Lužanin, Z.Ovcin, Lj.Nedović, T.Grbić, B.Mihailović) 2005				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			325		



	<p>UNIVERSITY OF NOVI SAD</p> <p>FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p>				
	<p>Study Programme Accreditation</p> <p>UNDERGRADUATE ACADEMIC STUDIES Civil Engineering</p>				
Total of SCI(SSCI) list papers :		17			
Current projects :	Domestic :	2	International :	4	

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:		Grahovac M. Nenad	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		29.12.2004	
Scientific or art field:		Mechanics	
Academic carier	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Mechanics
PhD thesis	2011	Faculty of Technical Sciences - Novi Sad	Mechanics
Magister thesis	2005	Faculty of Technical Sciences - Novi Sad	Continuum Mechanics
Bachelor's thesis	2002	Faculty of Technical Sciences - Novi Sad	Deformable Body Mechanics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	A207	Mechanics	(A00) Architecture, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies
2.	E104	Mechanics	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
3.	GG07	Mechanics 1	(G00) Civil Engineering, Undergraduate Academic Studies
4.	H112	Mechanics 1 – Fundamentals	(H00) Mechatronics, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies
5.	H201	Mechanics 2 - General	(H00) Mechatronics, Undergraduate Academic Studies
6.	H303	Mechatronics 3 – Further Chapters	(H00) Mechatronics, Undergraduate Academic Studies
7.	M204	Strength of Materials	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
8.	M4401	Continuum mechanics	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
9.	BMI127	Biomechanics	(BM0) Biomedical Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
10.	II1004	Mechanics and Industrial Engineering	(I10) Industrial Engineering, Undergraduate Academic Studies
11.	M44041	Dynamics of non-smooth mechanical systems	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
12.	M44061	Optimization of mechanical systems	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
13.	BMIM4A	Transport phenomena and Living systems	(BM0) Biomedical Engineering, Master Academic Studies
14.	M45991	Biomechanics of cardiovascular system	(M40) Technical Mechanics and Technical Design, Master Academic Studies
15.	SZD051	Applications of optimal control theory in living environment protection	(Z00) Environmental Engineering, Specialised Academic Studies
16.	DM801	Biomedical mechanics	(M40) Technical Mechanics, Doctoral Academic Studies
17.	DTM02	Theory of impact	(H00) Mechatronics, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	<h2 style="text-align: center;">Study Programme Accreditation</h2>			
	UNDERGRADUATE ACADEMIC STUDIES Civil Engineering			
List of courses being held by the teacher in the accredited study programmes				
	ID	Course name	Study programme name, study type	
18.	DTM03	Biomechanical models and analysis of impact	(M40) Technical Mechanics, Doctoral Academic Studies	
19.	ZRD16A	Selected chapters in mechanics and elasticity theory	(Z01) Safety at Work, Doctoral Academic Studies	
Representative references (minimum 5, not more than 10)				
1.	Grahovac N., Žigić M., Spasić D.: On impact scripts with both fractional and dry friction type of dissipation, INT J BIFURCAT CHAOS, 2012, Vol. 22, No 4, pp. 1-10, ISSN 0218-1274			
2.	Grahovac N., Žigić M.: Modelling of the hamstring muscle group by use of fractional derivatives, Computers and Mathematics with Applications, 2010, Vol. 59, No 5, pp. 1695-1700, ISSN 0898-1221.			
3.	Glavardanos V., Maretić R., Grahovac N.: Buckling of a twisted and compressed rod supported by Cardan joints , European Journal of Mechanics - A: Solids, 2009, Vol. 28, pp. 131-140, ISSN 0997-7538			
4.	N. M. Grahovac, M. M. Zigić, and D. T. Spasić: On multiple impacts with fractional type of dissipation, 1st International Congress of Serbian Society of Mechanics, Beograd: Serbian Society of Mechanics, 10-13 April, 2007, str. 173- 180			
5.	Grahovac N., Žigić M.: Fractional derivative viscoelastic model of the hamstring muscle group, 3rd IFAC Workshop on Fractional Differentiation and its Applications, Ankara, Turkey: 05-07 november, 2008			
6.	Žigić M., Grahovac N.: Dynamical behavior of a polymer gel during impact. Fractional derivative viscoelastic model, 3. International Congress of Serbian Society of Mechanics, Vlasinsko jezero, 5-8 Jul, 2011, pp. 871-878, ISBN 978-86-909973-3-6, UDK: 531/534(082)			
7.	Grahovac N., Žigić M., Spasić D.: On impact scripts with both fractional and dry friction type of dissipation, 4. IFAC Workshop on Fractional Differentiation and Its Applications, Badajoz, 18-20 Oktobar, 2010			
8.	Grahovac N.: Generalized Zener model in the analysis of free vibration of a viscoelastic oscillator, 2. International Congress of Serbian Society of Mechanics, Palić: Serbian Society of Mechanics, 1-5 Jun, 2009, pp. 145-153, ISBN 978-86-7892-173-5, UDK: 531/534(082)			
9.	Žigić M., Grahovac N., Spasić D.: A simplified earthquake dynamics of a column like structure with fractional type of dissipation , 1. International Congress of Serbian Society of Mechanics, Kopaonik: Serbian Society of Mechanics, 10-13 April, 2007, pp. 165-172, ISBN 978-86-909973-0-5, UDK: 531/534(082)			
10.	Kovinčić N., Žigić M., Grahovac N., Spasić D.: On Impact in Biomechanical Systems, International scientific conference on mechanics, 6. International Scientific Conference on Mechanics - Sixth Polyakhov's Reading, Saint Petersburg, 31-3 Januar, 2012, pp. 251-251, ISBN 978-5-91563-101-3			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :		5		
Total of SCI(SSCI) list papers :		3		
Current projects :		Domestic :	1	International : 0

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:		Ivanović V. Dragan	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.04.2007	
Scientific or art field:		Applied Computer Science and Informatics	
Academic career	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	Applied Computer Science and Informatics
PhD thesis	2010	Faculty of Technical Sciences - Novi Sad	Applied Computer Science and Informatics
Bachelor's thesis	2006	Faculty of Technical Sciences - Novi Sad	Informatics
Magister thesis	-		Applied Computer Science and Informatics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	E2E40	XML and WEB Services	(E20) Computing and Control Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
2.	GG11	Fundamentals in Computing	(G00) Civil Engineering, Undergraduate Academic Studies
3.	ISIT20	Object-oriented Programming Platforms	(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies
4.	ISIT32	Technologies and platforms for digital contents and documents management	(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies
5.	ISIT41	eGovernment technologies and systems	(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies
6.	ISIT47	E-learning tools and technologies	(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies
7.	SE0001	Introduction to Programming	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
8.	SES103	Oral and written communication skills	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
9.	SES301	IT Law	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
10.	E2507	Digital Archives	(E20) Computing and Control Engineering, Master Academic Studies (SE0) Software Engineering and Information Technologies, Master Academic Studies

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	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
11.	E2521	Business Process Management	(E20) Computing and Control Engineering, Master Academic Studies (MR0) Measurement and Control Engineering, Master Academic Studies (SE0) Software Engineering and Information Technologies, Master Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
12.	E2525	Contemporary educational technologies and standards	(E20) Computing and Control Engineering, Master Academic Studies (SE0) Software Engineering and Information Technologies, Master Academic Studies
13.	SEM013	E-government technologies	(SE0) Software Engineering and Information Technologies, Master Academic Studies
14.	DRNI02	Selected Topics in Advanced Software Architecture	(E20) Computing and Control Engineering, Doctoral Academic Studies
15.	DRNI06	Selected Topics in Digital Archives	(E20) Computing and Control Engineering, Doctoral Academic Studies
16.	DRNI13	Selected Topics in Scientific-research Activity management	(E20) Computing and Control Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Ivanović, D., Surla, D. & Racković, M. (2010), "A CERIF data model extension for evaluation and quantitative expression of scientific research results", Scientometrics, DOI 10.1007/s11192-010-0228-2, Vol. 86, No. 1, pp. 155-172		
2.	Ivanovic, L., Ivanovic, D., Surla, D. (2012), "A data model of theses and dissertations compatible with CERIF, Dublin Core and EDT-MS", Online Information Review, Vol. 36, No. 4, pp. 568-586		
3.	Ivanović, D., Milosavljević, G., Milosavljević, B. & Surla, D. (2010), "A CERIF-compatible research management system based on the MARC 21 format", Program: Electronic library and information systems, DOI: 10.1108/00330331011064249, Vol. 44, No. 3, pp. 229-251		
4.	Ivanović, D., Surla, D. & Konjović, Z. (2010), "CERIF compatible data model based on MARC 21 format", The Electronic Library, DOI: 10.1108/02640471111111433, Vol. 29, No. 1, pp. 52-70		
5.	Milosavljević, G., Ivanović, D., Surla, D. & Milosavljević, B. (2010), "Automated Construction of the User Interface for a CERIF-Compliant Research Management System", The Electronic Library, Vol. 29, No 5, pp. 565-588		
6.	Kovacevic, A., Ivanovic, D., Milosavljevic, B., Konjovic, Z., Surla, D. (2011), "Automatic extraction of metadata from scientific publications for CRIS systems", Program: electronic library and information systems, Vol. 45, No. 4, pp.376 – 396, DOI: 10.1108/00330331111182094		
7.	Ivanović, L., Ivanović, D., Surla, D. (2012), Integration of a Research Management System and an OAI-PMH Compatible ETDs Repository at the University of Novi Sad, Republic of Serbia, Library resources and Technical services, Vol. 56, No. 2, pp. 104-112		
8.	Ivanović D., Surla D., Racković M.: Journal evaluation based on bibliometric indicators and the CERIF data model, Computer Science and Information Systems (ComSIS), 2012, Vol. 9, No 2, pp. 791-811, ISSN 1820-0214		
9.	Informacioni sistem naučno-istraživačke delatnosti		
10.	Ivanović D.: Sistemi za skladištenje naučnih sadržaja, Zadužbina Andrejević, 2011, ISBN 978-86-7244-916-7		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		72	
Total of SCI(SSCI) list papers :		8	
Current projects :		Domestic :	2
		International :	1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	



Science, arts and professional qualifications



Name and last name:		Jakšić D. Željko	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.10.1989	
Scientific or art field:		Building Engineering - Construction and Architectural Constructions	
Academic carier	Year	Institution	Field
Academic title election:	2008	Faculty of Technical Sciences - Novi Sad	Building Engineering - Construction and Architectural Constructions
PhD thesis	2007	Faculty of Technical Sciences - Novi Sad	Architecture
Magister thesis	1996	Faculty of Architecture - Beograd	Architecture
Bachelor's thesis	1988	Faculty of Architecture - Beograd	Architecture
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG16	Building Engineering 2	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG31	Technology and Building Organization 1	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG405	Finishing Operations and Installation in Facilities	(G00) Civil Engineering, Undergraduate Academic Studies
4.	URZP22	Safety Aspects in the Built Environment	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	URZP24	Fundamentals of Technical Documentation Design	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	Z202	Construction and the Living Environment	(Z20) Environmental Engineering, Undergraduate Academic Studies
7.	Z202A	Building and Environment	(Z01) Safety at Work, Undergraduate Academic Studies
8.	Z423	Natural Materials in Construction	(Z20) Environmental Engineering, Undergraduate Academic Studies
9.	Z202	Graditeljstvo i životna sredina(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
10.	A403	Architectural technology 2	(A00) Architecture, Undergraduate Academic Studies
11.	GG37	Basics of design in civil engineering structures	(G00) Civil Engineering, Undergraduate Academic Studies
12.	ZR302A	Safety at work in construction	(Z01) Safety at Work, Undergraduate Academic Studies
13.	ZRI43A	Management of safety at work process in construction	(Z01) Safety at Work, Undergraduate Academic Studies
14.	ZP514	Planning and organizing activities during events with catastrophic consequences	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Transformacija vojvođanske kuće u tip gradskog stana, Arhitektonski fakultet Beograd, 1996., Beograd		
2.	The Protection of the Residential Function in the Inherited Urban Matrix, International Conference "Architecture - urbanism at the turn of the third millenium, Faculty of Architecture University of Belgrade, Volume 1, Belgrade, November 1996, pp. 213-219.		
3.	Integration of the Habitation Function - Residence Surroundings at a Neighbourhood Unit Level, International Conference "Architecture - urbanism at the turn of the third millenium, Faculty of Architecture University of Belgrade, Volume 1, Belgrade, November 1996, pp. 529 - 535.		
4.	The relationship between traditional heritage and contemporary housing practice - a study, Regional conference CIB-63: "Affordable housing within INDIS'97", 12-14 Novembar 1997., Novi Sad, Yugoslavia, pp. 67-73.		
5.	Architectural and Constructive-Technological Solutions for Balconies and Loggies in Yugoslav Industrialized Systems, 1-st International congress on Balcony 1998, IBK, Proceedings, Berlin, S. 11/1 - S. 11/13.		
6.	Rekonstrukcija panelnih zgrada osavremenjavanjem fasada i balkona, INDIS 2000, "Industrijsko građenje", Zbornik radova, Knjiga I, Novi Sad, str. 57 - 62 (editori R. Folić i S. Vuković).		
7.	Earth used in structuring - low energy buildings, Proceedings, Via Expo - International congress on energy, Sofia, Bulgaria.		
8.	Accessibility leveles of participants in the process of modelling residential environment, INDIS 2006, 10th National and 4th Internacional scientific meeting, Proceedings, Novi Sad, pp. 295 - 302 (editors R. Folić i V. Radonjanin, M. Trivunić).		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	1
		International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Civil Engineering</p>	
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Science, arts and professional qualifications



Name and last name:		Jović Đ. Miomira	
Academic title:		Foreign Language Lecturer	
Name of the institution where the teacher works full time and starting date:		Faculty of Sciences - Novi Sad	
		01.09.2001	
Scientific or art field:		German	
Academic career	Year	Institution	Field
Academic title election:	2005		German
Bachelor's thesis	1973		German
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	F331	German Language – LSP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
2.	NJ01Z	German Language – Elementary	(A00) Architecture, Undergraduate Academic Studies (AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
3.	NJ02L	German Language – Pre-Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
4.	NJ05	German Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
5.	NJ06	German Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies

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<h2 style="text-align: center;">Study Programme Accreditation</h2>					
UNDERGRADUATE ACADEMIC STUDIES				Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
6.	NJ1L	German Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
7.	SSIP22	German Language for Engineers 1	(E01) Power Engineering - Renewable Sources of Electrical Energy, Undergraduate Professional Studies		
8.	NJ01Z	Nemački jezik - osnovni(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies		
9.	NJ02L	Nemački jezik - niži srednji(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies		
10.	F508	German Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies		
11.	nja	German Language in Architecture	(AH0) Architecture, Master Academic Studies		
Representative references (minimum 5, not more than 10)					
Summary data for teacher's scientific or art and professional activity:					
Quotation total :					
Total of SCI(SSCI) list papers :					
Current projects :			Domestic :		International :


	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Civil Engineering</p>	
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Science, arts and professional qualifications



Name and last name:		Katić M. Marina	
Academic title:		Lecturer	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.10.2001	
Scientific or art field:		English	
Academic carieer	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	English
Master's thesis	2009	Faculty of Philology - Beograd	English
Magister thesis	2006	Faculty of Philology - Beograd	Engineering Management
Bachelor's thesis	1987	Faculty of Philosophy - Novi Sad	English
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	AEJ1L	English Language - Elementary	(A00) Architecture, Undergraduate Academic Studies
2.	AEJ2L	English Language intermediate	(A00) Architecture, Undergraduate Academic Studies
3.	AEJ2Z	English intermediate	(A00) Architecture, Undergraduate Academic Studies
4.	AEJ3Z	English Language - upper intermediate	(A00) Architecture, Undergraduate Academic Studies
5.	EJ01L	English Language – Elementary	(G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
6.	EJ01Z	English Language - Elementary	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies

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		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
7.	EJ02L	English Language – Pre-Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
8.	EJ02Z	English Language – Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
9.	EJ03Z	English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
10.	EJ04L	English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
11.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		

		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
12.	EJ2L	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
13.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
14.	EJ3L	English Language – Advanced	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
15.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
16.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
17.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies		
18.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
19.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
20.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
21.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
22.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies		
23.	EJM	English Language – ESP Course	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies		
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		



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	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	Study Programme Accreditation		
UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
26.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies
27.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
28.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
29.	ISIT01	English Language 1	(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
31.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
32.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies
33.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies
34.	EJIIM	English for Specific Purposes	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
35.	ETI10	English Language-Lower	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
36.	SSIP21	English Language	(E01) Power Engineering - Renewable Sources of Electrical Energy, Undergraduate Professional Studies
37.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies
38.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies
39.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies
40.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
41.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies
42.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies
Representative references (minimum 5, not more than 10)			

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
Representative references (minimum 5, not more than 10)			
1.	Marina Katić, Kostadin Pušara, "Standardization of E-Commerce Terminology", Annals of the Faculty of Engineering Hunedoara, Vol.III, Part 2, 2005, ISSN 1584-2665, Edition Mirton, Timisoara (Romania), pp.31-36.		
2.	M.Katić, "O tehnikama prevođenja nekih engleskih termina energetske elektronike", 11th International Symposium on Power Electronics – Ee 2001, Novi Sad, Oct.-Nov.2001, pp.154-157.		
3.	M.Katić, "Terminology of E-Commerce", 7th International Symposium on Interdisciplinary Regional Research – ISIRR 2003, Hunedoara (Romania), Sept. 2003, CD-ROM – Paper 0104.		
4.	M.Katić, "Key Terms of Business Environment", PSU-UNS Int. Conference Energy and Environment, Hat Yai (Thailand), Dec. 2003, .		
5.	Marina Katić, Kostadin Pušara, "Need for E-Commerce Term Standardization and Harmonization", Western Business & Management Conference 2004, Las Vegas (USA), Oct.2004, CD ROM.		
6.	Marina Katić, Kostadin Pušara, "Standardization of E-Commerce Terminology", VIII International Symposium on Interdisciplinary Regional Research - ISSIR 2005, Szeged (Hungary), 19-21. 04. 2005., University of Szeged, CD ROM.		
7.	M.Katić, "Deregulacija u elektroprivredi sa aspekta tumačenja i prevođenja engleskih termina na srpski jezik", III Jugoslovensko savetovanje o elektrodistributivnim mrežama, JUKO-CIRED, Vrnjačka Banja, Okt. 2002, Sveska 4, P-7.04, pp.153-158, (knjiga i CD ROM).		
8.	M.Katić, "Engleski jezik u službi međunarodnog menadžmenta", XII međunarodna konferencija Industrijski sistemi – IS 2002, Vrnjačka Banja, Nov. 2002, pp.146-151		
9.	M.Katić, "Anglicizmi u jeziku tehnike", XLVII Konferencija ETRAN, Herceg Novi, Jun 2003, CD-ROM i knjiga, Sveska 3, pp. 241-244.		
10.	M.Katić, K.Pušara, „Zašto je potrebna standardizacija termina elektronske trgovine“, XLIX Konferencija za ETRAN, Budva, 05.-10. 06. 2005., Zbornik radova, CD-ROM i knjiga, Sveska 3, pp.238-241.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	0
		International :	0

	UNIVERSITY OF NOVI SAD		
	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2>		
UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	



Science, arts and professional qualifications

Name and last name:		Kisin S. Srđan	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.09.1992	
Scientific or art field:		Constructions in Civil Engineering	
Academic carier	Year	Institution	Field
Academic title election:	1998	Faculty of Technical Sciences - Novi Sad	Constructions in Civil Engineering
PhD thesis	1985	Faculty of Civil Engineering - Beograd	Constructions in Civil Engineering
Magister thesis	1980	Faculty of Civil Engineering - Beograd	Constructions in Civil Engineering
Bachelor's thesis	1976	University of Belgrade - Beograd	Constructions in Civil Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG27	Metal Structures 1	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG35	Metal Structures 2	(G00) Civil Engineering, Undergraduate Academic Studies
3.	A305	Bearing structures 1	(A00) Architecture, Undergraduate Academic Studies
4.	GG503	Metal Bridges	(G00) Civil Engineering, Master Academic Studies
5.	GG512	Composite Structures	(G00) Civil Engineering, Master Academic Studies
6.	GG513	Special Metal Structures	(G00) Civil Engineering, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	S. Kisin: " Teorija stabilnosti ", udžbenik, 173 strane, Građevinski fakultet u Sarajevu, Sarajevo, 1986.		
2.	S. Kisin, H. Mujčić: "Zbirka zadataka iz teorije statički određenih linijskih nosača", zbirka zadataka, 213 strana, Građevinski fakultet u Sarajevu, Sarajevo, 1987.		
3.	S. Kisin, H. Mujčić: "Zbirka zadataka iz teorije statički neodređenih linijskih nosača", zbirka zadataka, 357 strana, Građevinski fakultet u Sarajevu, Sarajevo, 1988.		
4.	S. Kisin: "Bočno izvijanje monosimetričnih čeličnih nosača deformabilnog poprečnog preseka", monografija, 86 strana, Građevinski fakultet u Sarajevu, Sarajevo, 1986.		
5.	S. Kisin: "Profilisani limovi u funkciji nosivosti metalnih konstrukcija", monografija, 76 strana, Beograd, IMS, 1994.		
6.	S. Kisin: "Stabilnost metalnih konstrukcija", I izdanje, knjiga, 228 strana, Građevinska knjiga, Beograd, 1997.		
7.	R. Đorđević, S. Kisin, A. Vukić: "Cylindrical Shell as a Foundation ", Časopis BAM 977/94, pp.177 - 186, Budapest, 1994.		
8.	S. Kisin, R. Đorđević: "Modification of Incremental Numerical Analysis Based on Geometrical Nonlinear Process", Časopis BAM 1046/94, pp. 35 - 42, Budapest, 1994.		
9.	S. Kisin, Z. Petrašković : "Profil rovanje nastilj kak sb@zi v metalLeskih sistemah". Montaanlie i specialInie rabotni v stroitelstve, str. 17-20., Moskva, 1996.		
10.	S.Kisin, N. Ravić, J. Kovačević, Z. Hriberšek: "The First Road Bridge on Stay Cables in Bosnia and Herzegovina", Structural Engineering International, SEI Volume 13, Number 3, August 2003., Recent structures		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	0 International : 0

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES	
		Civil Engineering

Science, arts and professional qualifications

Name and last name:			Kočetov-Mišulić Đ. Tatjana		
Academic title:			Assistant Professor		
Name of the institution where the teacher works full time and starting date:			Faculty of Technical Sciences - Novi Sad		
			01.01.1989		
Scientific or art field:			Constructions in Civil Engineering		
Academic carieer	Year	Institution		Field	
Academic title election:	2009	Faculty of Technical Sciences - Novi Sad		Constructions in Civil Engineering	
PhD thesis	2008	Faculty of Technical Sciences - Novi Sad		Constructions in Civil Engineering	
Magister thesis	1997	Faculty of Technical Sciences - Novi Sad		Constructions in Civil Engineering	
Bachelor's thesis	1988	Faculty of Technical Sciences - Novi Sad		Constructions in Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name		Study programme name, study type	
1.	GG203	Actions on Structures		(G00) Civil Engineering, Undergraduate Academic Studies	
2.	GG30	Concrete Structures		(G00) Civil Engineering, Undergraduate Academic Studies	
3.	GG34	Timber Structures		(G00) Civil Engineering, Undergraduate Academic Studies	
4.	GI308A	Fundamentals in Civil Engineering		(GI0) Geodesy and Geomatics, Undergraduate Academic Studies	
5.	A305	Bearing structures 1		(A00) Architecture, Undergraduate Academic Studies	
6.	GG37	Basics of design in civil engineering structures		(G00) Civil Engineering, Undergraduate Academic Studies	
7.	GG411	Masonry structures		(G00) Civil Engineering, Undergraduate Academic Studies	
8.	GH407	Concrete structures - Hydrotechnics		(G00) Civil Engineering, Undergraduate Academic Studies	
9.	GP406	Concrete structures - Roads		(G00) Civil Engineering, Undergraduate Academic Studies	
10.	GG514	Special Timber Structures		(G00) Civil Engineering, Master Academic Studies	
11.	GG517	Damages and Repair of Masonry, Steel and Timber Structures		(G00) Civil Engineering, Master Academic Studies	
12.	URZP62	Assessment of Damaged Structures		(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies	
13.	AD0009	Complex Timber Structures		(AD0) Digital Techniques, Design and Production in Architecture and Urban Planning, Master Academic Studies	
Representative references (minimum 5, not more than 10)					
1.	Zakić, B., Kočetov Mišulić, T., Čakić, B. (1998): "Montažne drvene kuće u svetu i kod nas". Univerzitet u Prištini, Priština, SRJ, 105 str.				
2.	Zakić, B., Lekić, R., Đukić, Lj., Kočetov, T. (1992): "Naponsko stanje u truss joist nosačima". "Materijali i konstrukcije", br. 1-2, Beograd, SRJ, str. 30-36.				
3.	Zakić, B., Kočetov Mišulić, T. (2000): "Osnovi plastične teorije kod drveta". "Materijali i konstrukcije", Beograd, SRJ, 43 br. 3-4, str. 37-40.				
4.	Zakić, B., Kočetov, T. (1994): "Composite beam structures - wood and concrete". Proceedings of 4th ASCCS International Conference on Steel-Concrete Composite Structures, Košice, Slovakia, pp. 328-334.				
5.	Kočetov Mišulić, T., Gramatikov, K. (2003): "Proračun i ispitivanje veza u drvenim konstrukcijama prema EC-5 i EN standardima". Zbornik radova INDIS 2003. - 9.og nacionalnog simpozijuma, Novi Sad, SCG, str. 291-298.				
6.	Kočetov Mišulić, T., Stevanović, B. (2005): "Preporuke za održavanje, praćenje, i ocenu stanja drvenih konstrukcija". Zbornik radova IV naučno-stručnog savetovanja Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor, str.175-180.				
7.	Stevanović, B., Kočetov Mišulić, T. (2005): "Faktori obezbeđenja trajnosti i zaštita drvenih konstrukcija". Zbornik radova IV naučno-stručnog savetovanja Ocena stanja, održavanje i sanacija građevinskih objekata i naselja, Zlatibor, SCG, str.181-186.				
8.	Kočetov Mišulić T., Stevanović B. (2008): "Eksperimentalna podloga za uvođenje klasa čvrstoće četinarske rezane građe na domeće tržište" „Materijali i konstrukcije“, br. 4, Beograd, str. 50-62.				
9.	Kočetov Mišulić, T., Gramatikov, K. (2005): "Experimentally supported investigation of in row nailed connections under monotone and cyclic loadings". Proceedings of the 11th International MASE Symposium, Ohrid, Republic Macedonia, SI-2, pp. 275-280.				
10.	Zakić, B., Janković, D., Kovačević, D., Kočetov, T. (1990): "Izmereni smičući i glavni naponi kod lameliranih lepljenih konstrukcija". Zbornik radova IX Kongresa JUDIMK-a, Novi Sad, SFRJ, Knjiga II, str. 265-273.				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			0		
Total of SCI(SSCI) list papers :			0		
Current projects :			Domestic :	1	International :
					0

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:	Kolaković R. Srđan		
Academic title:	Full Professor		
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad 01.09.2002		
Scientific or art field:	Hydrotechnics		
Academic carieer	Year	Institution	Field
Academic title election:	2003	Faculty of Technical Sciences - Novi Sad	Hydrotechnics
Magister thesis	1998	Faculty of Civil Engineering - Beograd	Hydrotechnics
PhD thesis	1993	Faculty of Civil Engineering Subotica - Subotica	Hydrotechnics
Bachelor's thesis	1982	Faculty of Civil Engineering Subotica - Subotica	Hydrotechnics



List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type
1.	GG18	Fundamentals in Hydromechanics and Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG301	Hydrotechnical Facilities and Systems	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GH406	Hydrotechnical Ameliorations	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GI308A	Fundamentals in Civil Engineering	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
5.	URZP59	Flood Defense Measures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	Z210	Fundamentals of Water Protection	(Z01) Safety at Work, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
7.	Z417	Methods and Systems for Water Treatment	(Z20) Environmental Engineering, Undergraduate Academic Studies
8.	Z417	Postupci i postrojenja za tretman voda(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
9.	GG506	Professional Practice	(G00) Civil Engineering, Master Academic Studies
10.	GH505	Framework Directives E3 (WDF)	(G00) Civil Engineering, Master Academic Studies
11.	MPK028	Hydrotechnical objects and systems	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engleskom), Master Academic Studies
12.	DGI002	Selected Chapters in Engineering Geodesy	(GI0) Geodesy and Geomatics, Doctoral Academic Studies
13.	DGI019	Selected Chapters in Municipal Information Systems	(GI0) Geodesy and Geomatics, Doctoral Academic Studies
14.	GD006	Selected Chapters in Hydraulics	(G00) Civil Engineering, Doctoral Academic Studies
15.	GD016	Selected Chapters in Water Regulation and Protection	(G00) Civil Engineering, Doctoral Academic Studies
16.	GD026	Selected Chapters in Hydro-informatics	(G00) Civil Engineering, Doctoral Academic Studies

Representative references (minimum 5, not more than 10)



1.	Trajkovic, S., Kolakovic, S.: Evolution of Reference Evapotranspiration Equations under Humid Conditions, Wather Resources Mangement, 2009, vol. 23 br. 14, str. 3057-3067 UDK: doi: 10.1007/s11269-009-9423-4
2.	Trajkovic, S., Kolakovic, S.: Comparison of Simplified Pan-Based Equations for Estimating Reference Evapotranspiration, Journal of Irrigation and Drainage Engineering, American Society of Civil Engineers (ASCE), 136(2), 137-140, 2010., ISSN 0733-9437
3.	Trajkovic S., Kolakovic S., Estimating Reference Evapotranspiration Using Limited Weather Data, Journal of Irrigation and Drainage Engineering -ASCE, Vol. 135, Number 4. str. 443-449 ISSN 0733-9437, 2009.
4.	Trajkovic S., Kolakovic S., Wind-adjusted Turc equation for estimating reference evapotranspiration at humid European locations, Hidrology Research (formerly Nordic Hidrology), 2009, Vol. 40, No. 1, str. 45- 52, ISSN 0029-1277.
5.	Stipic M., Prodanovic D., Kolakovic S., Rationalization and reliability improvement of fire fighting systems in big cities, Urban Water, 008, vol. 6 br. 2, str. 169-181, ISSN 1462-0758.
6.	Kolakovic S., Stevanovic D., Miličević D., Trajković S., Milenković S., Kolaković S.S., Anđelković Lj.: EFFECTS OF REACTIVE FILTERS BASED ON MODIFIED ZEOLITE IN DAIRY INDUSTRY WASTEWATER TREATMENT PROCESS, Chemical Industry & Chemical Engineering Quarterly, DOI:10.2298/CICEQ120629092K
7.	HIDROTEHNIČKE MELIORACIJE – ODVODNJAVANJE (dopunjeno izdanje sa zadacima i CD diskom sa softverom za proračun ETP) , autori: Srđan Kolaković i Slavša Trajković, Edicija "Tehničke nauke", Fakultet tehničkih nauka – Novi Sad i Građevinsko-arhitektonski fakultet u Nišu (zajednički udžbenik na dva fakulteta), ISBN 186-789-002-5, 626.86(075.8) 335 strana.
8.	O PRELIVIMA UZ NASUTE BRANE, (monografija) , G.Hajdin, S.Kolaković, L.Hovanj, Đ.Fabian, Građevinski fakultet - Subotica, 1998., ISBNi 86-80297-22-4Naučna knjiga i monografija nacionalnog značaja



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>				
Representative references (minimum 5, not more than 10)					
9.	PUBLIC OPINION SURVEY AS A FORM OF PUBLIC PARTICIPATION IN THE IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE-LESKOVAC FIELD IRRIGATION, FACTA UNIVERSITAS, SERIES:ARCHITECTURE AND CIVIL ENGINEERING, 3 (2), 173-184, 2005, 14, Trajković, S., Kolaković, S., Injatović, M.				
10.	Kolakovic S., Fabian Đ., Santrac P.; STATE OF CHANNEL BEGA 300 YEARS AFTERWARD ITS COMPLETION, Workshop on the Bega Channel, Subotica 19-21 october 2001				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :				0	
Total of SCI(SSCI) list papers :				6	
Current projects :				Domestic :	<div style="display: flex; justify-content: space-between;"> 2 International : 3 </div>

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:			Kovačević I. Dušan
Academic title:			Full Professor
Name of the institution where the teacher works full time and starting date:			Faculty of Technical Sciences - Novi Sad
			22.10.1985
Scientific or art field:			Theory of Construction
Academic career	Year	Institution	Field
Academic title election:	2011		Theory of Construction
PhD thesis	2001	Faculty of Civil Engineering - Beograd	Theory of Construction
Magister thesis	1992	Faculty of Technical Sciences - Novi Sad	Theory of Construction
Bachelor's thesis	1985	Faculty of Technical Sciences - Novi Sad	Theory of Construction
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG29	Structural Stability and Dynamics	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG36	Theory on Plates and Shells	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG403	Structure Testing	(G00) Civil Engineering, Undergraduate Academic Studies
4.	MG402	Computer Aided Structural Modeling	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
5.	A502	Theory of structures and structural systems	(A00) Architecture, Undergraduate Academic Studies
6.	ASO15	Structural Systems in Scene Design	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
7.	ASO21	Structures, Materials and Technologies in Scene Design	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
8.	GG413	FEM modeling in structural analysis	(G00) Civil Engineering, Undergraduate Academic Studies
9.	GG506	Professional Practice	(G00) Civil Engineering, Master Academic Studies
10.	GG515	Finite Element Method	(G00) Civil Engineering, Master Academic Studies
11.	GD011	Selected Chapters in FEM	(G00) Civil Engineering, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies
12.	GD025	Selected topics in project management in construction	(G00) Civil Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	D. Kovačević, I. Budak, Aco Antić, A. Nagode, B. Kosec: FEM Modeling and Analysis in Prevention of the Waterway Dredger's Crane Serviceability Failure, Engineering Failure Analysis, ISSN: 1350-6307, DOI: 10.1016/j.engfailanal.2012.10.009, ELSEVIER		
2.	D. Kovacevic, M. Sokovic, I. Budak, A. Antic, B. Kosec: Optimal Finite Elements Method (FEM) Model for The Jib Structure of a Waterway Dredger, Metallurgy Vol.51, No1, 113-116, ISSN0543-5846, METABK 51(1) 113-116 (2012), UDC-UDK 669.14.018.298:669.18=111		
3.	D. Kovacevic, I. Budak, A. Antic, B Kosec: Special Finite Elements: Theoretical Background and Application, Technical Gazette, ISSN 1330-3651, No. 4 18 (2011) 649-655, UDC/UDK 519.61:624.046		
4.	A. Nagode, G. Klančnik, M. Bizjak, D. Kovačević, B. Kosec, E. Dervarič, B. Zorc, L. Kosec: Structural and Thermodynamic Analysis of Whiskers on the Surface of Grey Cast Iron, Technical Gazette, ISSN 0543-5846, UDC – UDK 669.14.018.298:669.18=111, pp. 11-14, Zagreb, 2012.		
5.	Antić,A., Kozak, D.,Kosec, B., Šimunović, G., Šarić, T., Kovačević, D., Čep, R: Influence of Tool Wear on the Mechanism of Chips Segmentation and Tool Vibration, Technical Gazette, ISSN 1330-3651, Zagreb, Article in Press, 2012.		
6.	D. Kovacevic, S. Rankovic: FEM Modeling of Spatial Structural Systems in Evaluation of the Real Structural Performances, Facta Universitatis, Series: Architecture and Civil Engineering, ISSN 0354-4605, Nis, 2012.		
7.	D. Kovacevic: Model for RC Frames Loaded by Seismic Forces, Invited paper , The 16th European Conference of Fracture (ECF16) - Mini-symposium: Integrity of Dynamical Systems, Proceedings, ISBN 978-1-4020-4971-2, pp. 779-786, Alexandroupoulos, Greece, 2006.		
8.	R. Folić & D. Kovačević: Link Finite Elements Application In FEM Structural Modeling, The 11th International Symposium of Mathematics and its Applications, Invited paper, Proceedings, pp12-23, Timișoara, 2006.		
9.	D. Kovačević, Ž. Janjić & I. Džolev: Special Finite Elements - Why and Where? INDIS 2009, 5th International Scientific Conference, Invited paper, ISBN 978-86-7892-221-3, Novi Sad, pp. 63-72, 2009.		
10.	Dušan Kovačević: MKE modeliranje u analizi konstrukcija, 336 str, Građevinska knjiga, Beograd, 2006.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :			82
Total of SCI(SSCI) list papers :			5



	UNIVERSITY OF NOVI SAD					
	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
	Study Programme Accreditation					
UNDERGRADUATE ACADEMIC STUDIES			Civil Engineering			
Current projects :	Domestic :	2	International :	0		

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:		Kovačić N. Ivana	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		21.05.1998	
Scientific or art field:		Mechanics	
Academic carier	Year	Institution	Field
Academic title election:	2009	Faculty of Technical Sciences - Novi Sad	Mechanics
PhD thesis	2002	Faculty of Technical Sciences - Novi Sad	Mechanics
Magister thesis	1999	Faculty of Technical Sciences - Novi Sad	Mechanics
Bachelor's thesis	1995	Faculty of Technical Sciences - Novi Sad	Mechanics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	F107	Technical Mechanics	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
2.	GG14	Mechanics 2	(G00) Civil Engineering, Undergraduate Academic Studies
3.	M103	Mechanics 1	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
4.	M107	Mechanics 2	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
5.	M201	Mechanics 3	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
6.	M44071	Noise, Vibration and Design	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
7.	DM401	Selected chapters in Analytical Mechanics	(M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies
8.	DM408	Nonlinear Oscillations	(M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies
9.	DZ003	Selected Chapters in Mechanics	(M00) Mechanical Engineering, Doctoral Academic Studies
10.	FDS143	Selected Chapters in Technical Mechanics	(F00) Graphic Engineering and Design, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Metod polja u neholonomnoj mehanici i teoriji nelinearnih oscilacija, Fakultet tehničkih nauka, Novi Sad, 2002		
2.	Samopobudne oscilacije u procesu rezanja, Fakultet tehničkih nauka, Novi Sad, 1999		
3.	Zbirka rešenih zadataka iz Statike I, Edicija „Tehničke knjige-udžbenici“ 127 , Fakultet tehničkih nauka, Novi Sad, 2006.		
4.	Zbirka rešenih zadataka iz Statike II, Edicija „Tehničke knjige-udžbenici“ 128 , Fakultet tehničkih nauka, Novi Sad, 2006.		



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
Representative references (minimum 5, not more than 10)			
5.	Cveticanin, L., Kovacic, I., Parametrically excited vibrations of the oscillator with strong cubic negative non-linearity, Journal of Sound and Vibration, 2007, Vol. 304, No 1-2, pp. 201-212.		
6.	Kovacic I., Adiabatic invariants of some time-dependent oscillators, Journal of Physics A: Mathematical and General, 2007, Vol. 40, No 3, pp. 455-470.		
7.	Cveticanin, L., Kovacic, I., On the dynamics of bodies with continual mass variation, Journal of Applied Mechanics-TRANSACTIONS OF THE ASME, 2007, Vol. 74, pp. 810-815.		
8.	Kovacic I., Adiabatic invariants of oscillators with one degree of freedom, Journal of Sound and Vibration, 2007, Vol. 300, No 3-5, pp. 695-708.		
9.	Kovacic I., Conservation laws of two coupled non-linear oscillators, International Journal of Non-Linear Mechanics, 2006, Vol. 41, No. 5, pp 751-760.		
10.	Kovacic, I., Analysis of a weakly non-linear autonomous oscillator by means of the field method, International Journal of Nonlinear Mechanics, 2005, Vol. 40. No 5, pp 775-784.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		181	
Total of SCI(SSCI) list papers :		39	
Current projects :		Domestic :	International :
		2	1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Civil Engineering</p>	
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Science, arts and professional qualifications

Name and last name:		Kozmidis-Petrović F. Ana	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.09.1975	
Scientific or art field:		Physics	
Academic career	Year	Institution	Field
Academic title election:	1997	Faculty of Technical Sciences - Novi Sad	Physics
PhD thesis	1984	Faculty of Sciences - Novi Sad	Physics
Magister thesis	1980	Faculty of Mathematics - Beograd	Physical Science
Bachelor's thesis	1972	Faculty of Sciences - Novi Sad	Physical Science
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	E103	Physics	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
2.	GG06	Civil Engineering Physics	(G00) Civil Engineering, Undergraduate Academic Studies
3.	M101	Technical Physics	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	ZR440	Influence of radiation on health and occupational safety	(Z01) Safety at Work, Undergraduate Academic Studies
5.	ZC008	Technical physics	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
6.	DZ01FS	Selected Chapters in Physics	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies (Z00) Environmental Engineering, Specialised Academic Studies
7.	SZD017	Solid Materials in the Environment	(Z00) Environmental Engineering, Specialised Academic Studies

		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
<h2 style="text-align: center;">Study Programme Accreditation</h2>					
UNDERGRADUATE ACADEMIC STUDIES				Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
8.	DZ01F	Selected Chapters in Physics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G10) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies		
9.	FDS141	Selected Chapters in Colour Management	(F00) Graphic Engineering and Design, Doctoral Academic Studies		
10.	ZD017	Solid Materials in the Environment	(Z00) Environmental Engineering, Doctoral Academic Studies		
Representative references (minimum 5, not more than 10)					
1.	D. M. Petrović, A. F. Petrović, V. M. Leovac, S. R. Lukić: Thermal decomposition of Cu(II) complexes with salicyldehyde S-methylthiosemicarbazone, Journal of Thermal Analysis, 42, 1165-1170, 1994.				
2.	S.R. Lukić, D. M. Petrović, A. F. Petrović, F. Skuban, I.I. Turyanitsa: Tendency towards crystallization of Ge-As-Te system glasses, Journal of Materials Science Lett., 15,.				
3.	A. F. Petrović, S. R. Lukić, D. M. Petrović, E. Z. Ivegeš, V. M. Leovac: Metal complex with pyrazole derived ligands. Part IV. Thermal decomposition of Cobalt(II) complexes with 3(5)-amino-4-acetyl 5(3) methylpyrazole, Journal of Thermal Analysis, 47, 879-886,				
4.	S. R. Lukić, D. M. Petrović, A. F. Petrović: Effect of copper on conductivity of amorphous AsSe ₂ , Journal of Non-Crystalline Solids, 241, 74-77, 1998.				
5.	S. R. Lukić, V. M. Leovac, A. F. Petrović, S. J. Skuban, V. I. Češljević, M. M. Garić: Metal Complexes with Pyrazole-derived Ligands. XIII. Synthesis and Thermal Studies of Zn(II) Complexes with 3-amino-4-acetyl-5-methylpyrazole, Synth.React.Inorg. Met.-Org.Chem.,2002				
6.	S. R. Lukić, S. J. Skuban, D. M. Petrović, A. F. Petrović, M. Garić, Characteristics of complex non-crystalline chalcogenides from the Ge-As-S-Se-I system, Journal of Optoelectronics & Advanced Materials, 6(3), 755-768, 2004.				
7.	A. F. Petrović, S.R. Lukić, D.D. Štrbac: Critical rate of cooling glassy melts under conditions of continuous nucleation. The application to some chalcogenide glasses, Journal of Optoelectronics & Advanced Materials, 6(4) 1167-1177, 2004.				
8.	S. R. Lukić, D. M. Petrović, Ž. N. Cvejić, A F. Petrović, F. Skuban: Thermally-induced Structural Changes in Copper-containing Chalcogenide Thin Films, Journal of Optoelectronics & Advanced Materials, 3(2), 337-340, 2001.				
9.	S.R. Lukić, D.M. Petrović, G.R.Štrbac, A.F.Petrović, M Šiljegović : Effect of sulfur atom substitute with selenium on stability of glassy Ge ₂₀ As ₁₄ SxSe _{52-x} 14, Journal of Physics and Chemistry of Solids 66, 1683-1686 (2005)				
10.	A.F.Kozmidis-Petrovic, G.R.Strbac, D.D.Strbac, Kinetics of non-isothermal crystallization of chalcogenide, J.Non-Cyst.Solids, 2014–2019, 353(2007)2014				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			153		
Total of SCI(SSCI) list papers :			25		
Current projects :			Domestic :	1	International : 0

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:	Krnjetin S. Slobodan		
Academic title:	Full Professor		
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad 15.09.2000		
Scientific or art field:	Environment Protection Engineering		
Academic carieer	Year	Institution	Field
Academic title election:	2010		Environment Protection Engineering
PhD thesis	1999	Faculty of Technical Sciences - Novi Sad	Civil Engineering
Magister thesis	1991	Faculty of Technical Sciences - Novi Sad	Civil Engineering
Bachelor's thesis	1979	Faculty of Technical Sciences - Novi Sad	Civil Engineering



List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type
1.	A310	Ecology and the Built Environment	(A00) Architecture, Undergraduate Academic Studies
2.	GG407	Ecology and Protection of Built Environment	(G00) Civil Engineering, Undergraduate Academic Studies
3.	URZP15	Work safety during interventions	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	Z202	Construction and the Living Environment	(Z20) Environmental Engineering, Undergraduate Academic Studies
5.	Z202A	Building and Environment	(Z01) Safety at Work, Undergraduate Academic Studies
6.	Z423	Natural Materials in Construction	(Z20) Environmental Engineering, Undergraduate Academic Studies
7.	ZP503	Fire Protection Planning and Design	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
8.	ZP505	Fire Safety Engineering Design of Structures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
9.	ZR404	Occupational Safety Systems, Means and Equipment	(Z01) Safety at Work, Undergraduate Academic Studies
10.	Z202	Graditeljstvo i životna sredina(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
11.	Z423	Prirodni materijali u graditeljstvu(uneti naziv na engleskom)	(Z20) Environmental Engineering, Undergraduate Academic Studies
12.	ASI322	Ecology and Design	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
13.	IM1715	Risks and Hazards at Work and in the Working Environment	(I20) Engineering Management, Undergraduate Academic Studies
14.	ZP509	Investigation of Fire and Explosion	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies (I20) Engineering Management, Master Academic Studies
15.	IM2718	Fire Risk Management in Industry	(I20) Engineering Management, Master Academic Studies

Representative references (minimum 5, not more than 10)



1.	Krnjetin S.. Graditeljstvo i zaštita životne sredine, Prometej, Novi Sad, 2001. str.386
2.	Krnjetin S.: Građevinarstvo i urbanizam, 1989. VTŠ, Novi Sad,
3.	Krnjetin S.: Monografija Graditeljstvo i zaštita životne sredine, (drugo izmenjeno i dopunjeno izdanje), Prometej, Novi Sad, 2004. str. 455
4.	FIRE TEST 2 NOVI SOFTVER ZA POŽARNU ANALIZU UGRADA (VIZUEL BASIC), 1999. (prihvaćen i realizovan u najvećim osiguravajućim kompanijama Dunav osiguranjeBeograd i DDOR Novi Sad
5.	Krnjetin S.: Održiva arhitektura - niskoenergetske zgrade napravljene od zemlje, EKO - konferencija 2005. u Novom Sadu
6.	Krnjetin S., Krklješ M., Vrbaški B.: Zelena arhitektura - krovne bašte, XII Međunarodna EKO konferncija o zaštiti životne sredine gradova, Novi Sad, 2009.
7.	Vrbaški B., Krnjetin S.: Strategic Envirinmental Impact Assessment - Experiences of the Serbia, Časopis Prostor 17 (2009) 1(37), Arhitektonski fakultet, Zagreb, pp 186-191, 2009.
8.	Vrbaški B., Krnjetin S.:Problems associated with the preparation of strategic environmental impact assessment of plans, Časopis Ecologica 16 (2009), Beograd,
9.	Krnjetin S., Krnjetin O.: Modeling the evacuation of people in the fire, Monitoring and expertizse in safety engineering - Scientific and expert journal, No.3. 1012, VTSS, Novi Sad and ST.Petersburg University of State fire service of emercom of russia, 2012. ISSN 2217-6608

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>				
Representative references (minimum 5, not more than 10)					
10.	Krnjetin S., Konstatinović D., Zeković M.: Building with Earth Materials - reevaluting tradition of the region - Research Overview Časopis ECOLOGICA 14 (2007) No 50, Beograd,				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :		1			
Total of SCI(SSCI) list papers :		0			
Current projects :		Domestic :	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">1</td> <td style="width: 50%;">International : 0</td> </tr> </table>	1	International : 0
1	International : 0				

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	



Science, arts and professional qualifications

Name and last name:		Lađinović Ž. Đorđe	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 17.11.1980	
Scientific or art field:		Theory of Construction	
Academic carieer	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Theory of Construction
PhD thesis	2002	Faculty of Technical Sciences - Novi Sad	Theory of Construction
Magister thesis	1995	Faculty of Technical Sciences - Novi Sad	Theory of Construction
Bachelor's thesis	1980	Faculty of Technical Sciences - Novi Sad	Civil Engineering
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG22	Structural Analysis 1	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG25	Theory on Concrete Structures 1	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG26	Structural Analysis 2	(G00) Civil Engineering, Undergraduate Academic Studies
4.	URZP58	Earthquake Impact on Civil Engineering Structures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	A311	Bearing structures 2	(A00) Architecture, Undergraduate Academic Studies
6.	A502	Theory of structures and structural systems	(A00) Architecture, Undergraduate Academic Studies
7.	GG37	Basics of design in civil engineering structures	(G00) Civil Engineering, Undergraduate Academic Studies
8.	GG502	Seismic Analysis of Structures	(G00) Civil Engineering, Master Academic Studies
9.	GG516	Nonlinear Analysis of Structures	(OM1) Mathematics in Engineering, Master Academic Studies (G00) Civil Engineering, Master Academic Studies
10.	GG522	Design of Tall Buildings	(G00) Civil Engineering, Master Academic Studies
11.	GG530	Seismic Analysis of Engineering Structures	(G00) Civil Engineering, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Folić R., Lađinović Đ.: Three dimensional analysis of tall buildings subjected to earthquake loading. Facta Universitatis – Architecture and Civil Engineering, Vol. 1, No 2 (ISSN 0354-4605), 1995, pp. 153 -166.		
2.	Folić R., Alendar V., Lađinović Đ.: EC8 - Design of Earthquake Resistant Structure. MASE, 7-th International Symposium, Ohrid, Republic of Macedonia, October 2-4, 1997, Volume 1, General reports, pp. VR14/1-12.		
3.	Lađinović Đ., Nenadić G., Đukić Lj.: Varadinska duga – dinamička analiza glavne mostovske konstrukcije. Časopis "Izgradnja" br. 4, Beograd, april 2001., str. 117-124.		
4.	Lađinović Đ., Folić R.: Seismic analysis of building structures using damage spectra. International Conference in Earthquake Engineering SE 40EEE, Skopje, 26 – 29 August 2003, CD-ROM – Paper Reference 0067, pp. 1-8.		
5.	Lađinović Đ., Folić R.: Non-linear analysis of multi-storey building structures by using equivalent SDOF model. Bulletin for Applied Mathematics, BAM-2080/2003 (CIII), Technical University of Budapest, 2003., pp. 495-502.		
6.	Lađinović Đ., Folić R.: Analiza konstrukcija zgrada na zamljotresna dejstva. Časopis "Materijali i konstrukcije" br. 3-4, JUDIMK, Beograd, 2004, str. 31-64.		
7.	Lađinović Đ.: Statika konstrukcija 1. Fakultet tehničkih nauka Novi Sad, 2007		
8.	Lađinović Đ.: Savremene metode seizmičke analize konstrukcija zgrada. Materijali i konstrukcije (ISSN 0543-0798), 2008, Vol. 51 (2), str. 25-40.		
9.	Lađinović Đ., Radujković A., Rašeta A.: Seismic Performance Assessment Based On Damage Of Structures – Part 1: Theory. Facta Universitatis - series: Architecture and Civil Engineering (ISSN 0354-4605), Vol. 9, No 1, 2011, pp. 77-88.		
10.	Lađinović Đ.: Estimation of Deformation and Strength Demands for Performance Seismic Design. Seminar: Seismic Design Of Structures, Serbian Chamber of Engineers and Bulgarian Chamber in Investment design, Beograd, April 08, 2011.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		35	
Total of SCI(SSCI) list papers :		1	
Current projects :		Domestic :	2
		International :	0


	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	



Science, arts and professional qualifications



Name and last name:		Ličen S. Branislava	
Academic title:		Lecturer	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		07.04.2005	
Scientific or art field:		English	
Academic career	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	English
Bachelor's thesis	2009	Faculty of Philosophy - Novi Sad	Philology
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	AEJ1L	English Language - Elementary	(A00) Architecture, Undergraduate Academic Studies
2.	AEJ2L	English Language intermediate	(A00) Architecture, Undergraduate Academic Studies
3.	AEJ2Z	English intermediate	(A00) Architecture, Undergraduate Academic Studies
4.	AEJ3Z	English Language - upper intermediate	(A00) Architecture, Undergraduate Academic Studies
5.	E2110	Izborni strani jezik 1	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
6.	EJ01L	English Language – Elementary	(G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
7.	EJ01Z	English Language - Elementary	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies

		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
8.	EJ02L	English Language – Pre-Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
9.	EJ02Z	English Language – Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
10.	EJ03Z	English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
11.	EJ04L	English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
12.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		

		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
13.	EJ2L	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
14.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
15.	EJ3L	English Language – Advanced	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
16.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
17.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
18.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies		
19.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
20.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
21.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
22.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
23.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies		
24.	EJM	English Language – ESP Course	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies		
25.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
26.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		



	UNIVERSITY OF NOVI SAD		
	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	Study Programme Accreditation		
UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
27.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies
28.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
29.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
30.	ISIT07	English Language 2	(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies
31.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
32.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
33.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies
34.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies
35.	EJIIM	English for Specific Purposes	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
36.	ETI05	English language - Elementary	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
37.	ETI10	English Language-Lower	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
38.	ETI15	Engleski jezik - srednji	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
39.	ETI20	Engleski jezik - napredni	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
40.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies
41.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies
42.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies
43.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
44.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies



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	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
45.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	"Formal and Aesthetic Aspects of Nadine Gordimer's Short Story", Romanian Journal of English Studies, University of the West Timisoara, br. 7, 2010., str.191-198.		
2.	"Summarization Skills of Engineering Students' Reading in a Second Language", Jezik struke, izazovi i perspektive, Univerzitet u Beogradu, 2011., str. 291-299.		
3.	"On Race, Ethnicity and Gender in Nadine Gordimer's 'Jump and Other Stories", Selected Papers in Literature and Culture from the 9th HUSSE Conference, Pecs, 2010., str. 285-290.		
4.	"Living in the Interregnum: Nadine Gordimer's 'Conservationist', 'Burger's Daughter' and 'July's People'", B.A.S. Conference on British and American Studies, University of the West Timisoara, br.XXI, maj 2011., str. 28.		
5.	"Preispitivanje istorijskog konteksta u Barnsovom romanu Floberov papagaj", Sveske, br.100, Pančevo, jun 2011., str. 69-77.		
6.	"Kreiranje udžbenika za stručni engleski jezik za studente različitog predznanja", Jezik struke, teorija i praksa, Univerzitet u Beogradu, 2009., str.445-454.		
7.	"Istorijat nastave stručnog engleskog jezika na FTN-u u Novom Sadu", Jezik struke, teorija i praksa, Univerzitet u Beogradu, 2009., str. 170-176.		
8.	Zajednica i pojedinac u delima Toni Morison u romanima Najplavlje oko, Sula, Voljena i Katreno luče, 2009.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	0 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications

Name and last name:		Lončarević M. Ivana	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.06.2004	
Scientific or art field:		Physics	
Academic career	Year	Institution	Field
Academic title election:	2010		Physics
PhD thesis	2010	Faculty of Physics - Beograd	Physical Science
Magister thesis	2008	Faculty of Physics - Beograd	Physical Science
Bachelor's thesis	2003	Faculty of Sciences - Novi Sad	Physical Science
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	E103	Physics	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
2.	EOS06	Physics	(E01) Power Engineering - Renewable Sources of Electrical Energy, Undergraduate Professional Studies
3.	GG06	Civil Engineering Physics	(G00) Civil Engineering, Undergraduate Academic Studies
4.	H101	Physics	(F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (H00) Mechatronics, Undergraduate Academic Studies
5.	IAFI01	Colors and Light	(F10) Engineering Animation, Undergraduate Academic Studies
6.	M101	Technical Physics	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	ETI06	Physics	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
8.	ZC008	Technical physics	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Budinski-Petković Lj., Lončarević I., Petković M., Jaksic Z., Vrhovac S.: Percolation in random sequential adsorption of extended objects on a triangular lattice, Physical Review E, 2012, Vol. 85, No 061117, pp. 1-8		
2.	Budinski-Petković Lj., Lončarević I., Jakšić Z., Vrhovac S., Švrakić N.: Simulation study of anisotropic random sequential adsorption of extended objects on a triangular lattice, Physical Review E, 2011, Vol. 84, No 5, pp. 5160-1		
3.	Šćepanović J., Lončarević I., Budinski-Petković Lj., Jakšić Z., Vrhovac S.: Relaxation properties in a diffusive model of k-mers with constrained movements on a triangular lattice, Physical Review E, 2011, Vol. 84, No 031109, pp. 1-13		
4.	Lončarević I., Budinski-Petković Lj., Vrhovac S., Belić A.: Generalized random sequential adsorption of polydisperse mixtures on a one-dimensional lattice, Journal of Statistical Mechanics: Theory and Experiment, 2010, ISSN 1742-5468		
5.	Lončarević I., Budinski-Petković Lj., Vrhovac Lj., Belić A.: Adsorption, desorption, and diffusion of k-mers on a one-dimensional lattice, Physical Review E, 2009, Vol. 80, No 2		
6.	Budinski-Petković Lj., Vrhovac S., Lončarević I.: Random sequential adsorption of polydisperse mixtures on discrete substrates, Physical Review E, 2008, Vol. 78, No 061603, pp. 1-7		
7.	Lončarević I., Budinski-Petković Lj., Vrhovac S.: Simulation study of random sequential adsorption of mixtures on a triangular lattice, The European Physical Journal E, 2007, Vol. 24, pp. 19-26, ISSN 1292-8941		

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	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
Representative references (minimum 5, not more than 10)			
8.	Lončarević I., Budinski-Petković Lj., Vrhovac S.: Reversible random sequential adsorption of mixtures on a triangular lattice, Physical Review E, 2007, Vol. 76, No 031104, pp. 1-9		
9.	Lončarević I.: Irreversible deposition of extended objects with diffusional relaxation on discrete substrates, The European Physical Journal B, 2010, No 73, pp. 439-445		
10.	Satarić M., Kozmidis-Luburić U., Budinski-Petković Lj., Lončarević I.: Intrinsic Electric Fields as a Control mechanism of Intracellular Transport along Microtubules, Journal of Computational and Theoretical Nanoscience, 2009, Vol. 6, pp. 721-731, ISSN 1546-1955		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		12	
Current projects :		Domestic :	International :
		1	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:	Malešev M. Mirjana		
Academic title:	Associate Professor		
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad 16.01.1984		
Scientific or art field:	Materials in Civil Engineering, Condition Assessment and Construction		
Academic career	Year	Institution	Field
Academic title election:	2008	Faculty of Technical Sciences - Novi Sad	Materials in Civil Engineering, Condition Assessment and Construction Sanation
PhD thesis	2003	Faculty of Civil Engineering - Beograd	Materials in Civil Engineering and Concrete Technology
Magister thesis	1994	Faculty of Technical Sciences - Novi Sad	Materials in Civil Engineering and Concrete Technology
Bachelor's thesis	1983	Faculty of Technical Sciences - Novi Sad	Constructions in Civil Engineering



List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type
1.	A202	Structures, Materials and Building	(A00) Architecture, Undergraduate Academic Studies
2.	GG09	Materials in Construction 2	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG21	Concrete Technology	(G00) Civil Engineering, Undergraduate Academic Studies
4.	URZP13	Building materials and structures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	GG504	Durability and Assessment of Concrete Structures	(G00) Civil Engineering, Master Academic Studies
6.	GG517	Damages and Repair of Masonry, Steel and Timber Structures	(G00) Civil Engineering, Master Academic Studies
7.	GG518	Repair of Concrete Structures	(G00) Civil Engineering, Master Academic Studies
8.	GG521	Construction Business and Regulative	(G00) Civil Engineering, Master Academic Studies
9.	GP502	Bridge Management	(G00) Civil Engineering, Master Academic Studies
10.	URZP62	Assessment of Damaged Structures	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
11.	GS009	Energy-efficient materials and diagnostic of building thermotechnical performances	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
12.	GS010	The design of energy efficient buildings	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
13.	GS011	Energy revitalization of buildings	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
14.	SDGI1A	Odabrana poglavlja iz građevinskih materijala i konstrukcija	(G10) Geodesy and Geomatics, Specialised Academic Studies
15.	GD005	Selected Chapters in Concrete Theory and Technology	(G00) Civil Engineering, Doctoral Academic Studies
16.	GD008	Contemporary Methods in Concrete Structure Design	(G00) Civil Engineering, Doctoral Academic Studies
17.	GD015	Rheology of Concrete Structures	(G00) Civil Engineering, Doctoral Academic Studies

Representative references (minimum 5, not more than 10)



1.	Malešev, M. (1994) Primena metode ultrazvuka pri određivanju otpornosti betona na dejstvo mraza, Magistarska teza
2.	Malešev, M. (2003) Parametarska analiza uticaja novih vrsta cementa proizvedenih prema EN 197-1 na osnovna svojstva betona, Doktorska disertacija
3.	Malešev, M., Folić, R., Muravljov, M., Radonjanin, V. (1996): Eksperimentalno istraživanje zavisnosti između brzine ultrazvuka i otpornosti betona na dejstvo mraza, XX Kongres JUDIMK, Cetinje, str. 73 - 79.
4.	Radonjanin, V., Malešev, M. (1997): Concrete Quality Control by Using Statistical Methods, Bulletins for Applied & Computer Mathematics, BAM-1324, Vol.LXXXIB, Budapest, Hungary, pp. 95-104.
5.	Stojanović G., Radovanović M., Malešev M., Radonjanin V.: Monitoring of Water Content in Building Materials Using a Wireless Passive Sensor, Sensors, 2010, Vol. 10, No 5, pp. 4270-4280, ISSN 1424-8220, UDK: 10.3390/s100504270
6.	Malešev M., Radonjanin V., Radeka M., Milovanović V., Lukić I.: Basic properties of structural lightweight aggregate concrete in relation to type and quantity of cementitious materials - part 1, 1. International Symposium about Research and Application of Modern Achievements in Civil Engineering in the Field of Materials and Structures, Tara: Društvo za ispitivanje i istraživanje materijala i konstrukcija Srbije, Beograd, 19-21 Oktobar, 2011, pp. 159-168, ISBN 978-86-87615-02-1

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>			
Representative references (minimum 5, not more than 10)				
7.	Radonjanin V., Malešev M., Radeka M., Lukić I., Milovanović V.: Basic properties of structural lightweight aggregate concrete in relation to type and quantity of cementitious materials - part 2, 1. International Symposium about Research and Application of Modern Achievements in Civil Engineering in the Field of Materials and Structures, Tara: Društvo za ispitivanje i istraživanje materijala i konstrukcija Srbije, Beograd, 19-21 Oktobar, 2011, pp. 169-178, ISBN 978-86-87615-02-1			
8.	Malešev M., Radonjanin V., Emhemd Saed M., Milovanović V.: Zeleni betoni-nove mogućnosti održivog građevinarstva, 12. Konferencija Savremena građevinska praksa, Andrevlje: Fakultet tehničkih nauka i Društvo građevinskih inženjera Novog Sada, 19-20 Maj, 2011, pp. 209-226, ISBN 978-86-7892-324-1			
9.	Marinković S., Radonjanin V., Malešev M., Ignjatović I.: Comparative environmental assessment of natural and recycled aggregate concrete, Waste Management, 2010, Vol. 30, No 11, pp. 2255-2264, ISSN 0956-053X, UDK: doi: 10.1016/j.wasman.2010.04.012			
10.	Maksimović M., Stojanović G., Radovanović M., Malešev M., Radonjanin V., Radosavljević G., Smetana W.: Application of a LTCC sensor for measuring moisture content of building materials, Construction and Buildings Materials, 2012, Vol. 26, No 1, pp. 327-333, ISSN 0950-0618(02)00045-4, UDK: 10.1016/j.conbuildmat.2011.06.029			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :	4			
Total of SCI(SSCI) list papers :	1			
Current projects :	Domestic :	2	International :	1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications

Name and last name:		Malešević B. Erika	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 15.09.2007	
Scientific or art field:		Organization, Construction Technology and Management	
Academic carier	Year	Institution	Field
Academic title election:	2003	Faculty of Civil Engineering Subotica - Subotica	Organization, Construction Technology and Management
PhD thesis	1995	Faculty of Economics - Beograd	Economic Science
Magister thesis	1983	Faculty of Economics - Beograd	Economic Science
Bachelor's thesis	1974	Faculty of Economics - Subotica	Economic Science
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG02	Sociology and Economics in Civil Engineering	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG104	Economics of Civil Engineering	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG105	Sociology of Work	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GG521	Construction Business and Regulative	(G00) Civil Engineering, Master Academic Studies
5.	GM502	Management in Construction	(G00) Civil Engineering, Master Academic Studies
6.	GM503	Management in a Construction Company	(G00) Civil Engineering, Master Academic Studies
7.	GM504	Selected Chapters in Construction Economy	(G00) Civil Engineering, Master Academic Studies
8.	Z513A	Economics and the environmental protection	(Z20) Environmental Engineering, Master Academic Studies
9.	Z513	Ekonomija i zaštita životne sredine(uneti naziv na engleskom)	(Z20) Environmental Engineering, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Upravljanje investicijama, Autori: Dr E. Malešević, Đ. Malešević, izd. Proleter, Bečej 2011.		
2.	Upravljanje projektima u funkciji menadžmenta poslovnog sistema,Pregledni članak,Zbornik radova,Gf.Subotica,2006		
3.	Metodološki problemi ekonomske i društvene ocene investicionih projekata,Izgradnja,br.5.2001 Beograd.,str.171-145		
4.	Analiza rizika investicionih projekta sa ocenom tehničkih faktora profitabilnosti.Privredna izgradnja br.5,Novi Sad,2001, ad,		
5.	Primena stabla odlučivanja prilikom donošenja investicione odluke,Računovodstvo,br.6.2002,Beograd,str.14-21.,naučni rad		
6.	Significance of communications in conflicts" decrease in project management,Međunarodna konferenija iz projekt menadžmenta IPMA 2004, Budimpešta		
7.	Uloga vrednosne analize u vrednovanju investicionih projekta,Internacionalni naučno-stručni skup Građevinarstvo-nauka i praksa,2007,Žabljak,str.873-879		
8.	Upravljanje indirektnim troškovima građenja,Autori:Dr E.Malešević,Mr A Segedi,Internacionalni simpozijum iz projekt menažmenta,YUPMA 2006,Zlatibor,Zbornik radova,str.299-304		
9.	Malesevic,E.,Trivunic,M.,Mucenski,V., SUCESS ANALYSIS OF THE PROJECT USING THE MODEL OF BALANCED SCOREARD,8th International conference Organization,technology and management inconstruction, Umag,Croatia, 2008, str.31-1 - 31-8,ISBN 95396245-92		
10.	Dražić,J., Malešević,E., Aleksić,I., (2012):Influence of Life Cycle Costs on the Choice of Optimal Variation of Floor Covering,4-th ernational Conference Civil Engineering – Science and Practice,Zbornik radova,Univerzitet Crne Gore,Građevinski Fakultet u Podgorici,Žabljak,str 2351-2358, ISBN: 978-86-82707-21-9		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	0 International : 0

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:	Milutin N. Darko		
Academic title:	Assistant Professor		
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad 01.10.2007		
Scientific or art field:	Hydrotechnics		
Academic carieer	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Hydrotechnics
PhD thesis	1998	Faculty of Civil Engineering - Beograd	Hydrotechnics
Bachelor's thesis	1988	Faculty of Civil Engineering - Beograd	Hydrotechnics
Magister thesis	-		Hydrotechnics



List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type
1.	GG18	Fundamentals in Hydromechanics and Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG301	Hydrotechnical Facilities and Systems	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GH502	Hydrology with Hydrometry	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GI021	Structure Value Assessment	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
5.	URZP16	Climatology	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
6.	URZP48	Fundamentals of Climatology and Hydrology	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
7.	URZP57	Natural Hazards	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
8.	URZP59	Flood Defense Measures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
9.	GH505	Framework Directives E3 (WDF)	(G00) Civil Engineering, Master Academic Studies
10.	MPK004	Fundamentals of Hydromechanics and hydrotechinc	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engleskom), Master Academic Studies
11.	MPK022	hydrometric	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engleskom), Master Academic Studies

Representative references (minimum 5, not more than 10)



1.	Milutin D., and J.J. Bogardi, On Two Decomposition Schemes for Optimization of Multiple-Reservoir Systems, abstract, Annales Geophysicae, Part II: Oceans, Atmosphere, Hydrology & Nonlinear Geophysics, , XX General Assembly of European Geophysical Society, Hmburg, Germany, Suppl. II to Vol. 13, EGS, p. C462, 1995
2.	Bogardi, J.J. and D. Milutin, Sequential Decomposition in the Assessment of Long Term Operation of Large Scale Systems, in S.P. Simonovic, Z. Kundzewicz, D. Rosbjerg and K. Takeuchi (eds.), Modelling and Management of Sustainable Basin Scale Water Resource Systems, Proceedings of an international symposium held during the XXI General Assembly of the International Union of Geodesy and Geophysics, Boulder, Colorado, IAHS Publ. No. 231, 233 240, 1995.
3.	Milutin, D. and J.J. Bogardi, Performance Criteria for Multiunit Reservoir Operation and Water Allocation Problems, Presented at the Third IHP/IAHS George Kovacs Colloquium: Risk, Reliability, Uncertainty and Robustness of Water Resources Systems, UNESCO, Paris, 19 21 September 1996. To appear in International Hydrology Series, Cambridge University Press, eds: J.J. Bogardi and Z.W. Kundzewicz (under publication).
4.	Prohaska, S. and D. Milutin, Matimaticeskaya model prognozirovaniya sostoyanii vodohranilisc v realnom vremeni (Mathematical Model for the Real Time Forecasting of Inflows to a System of Hydropower Plants), Proceedings of the XV Conference of the Danube Countries on Hydrologic Forecasting, Varna, Bulgaria, 1990 (in Russian).
5.	Milutin, D. and J.J. Bogardi, Reliability Criteria in the Assessment of a Multiple Reservoir Operational Strategy Under Mediterranean Conditions, Proceedings of the European Symposium on Water Resources Management in the Mediterranean Under Drought or Water Shortage Conditions: Economic, Technical, Environmental and Social Issues (Nicosia, Cyprus), Balkema, Rotterdam, The Netherlands, 265 271, 1995
6.	Milutin, D., Interactive Water Resources Management Support System for Tunisia, a poster presented at The Forum of the UNESCO International School for Science for Peace on "Water Security in the Third Millennium: Mediterranean Countries towards a Regional Vision", Como, Italy, 1999
7.	Louati, M.E.H. and D. Milutin, Joint Operation of a Multiple Reservoir – Interbasin Water Transfer System: The Tunisian Case Study, presented at The Second World Water Forum (Session: Water-Use Management), The Hague, The Netherlands, March 17, 2000.

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
Representative references (minimum 5, not more than 10)			
8.	Bogardi, J.J.K.M., B.A.H.V. Brorens, M.D.U.P. Kularathna, D. Milutin and K.D.W. Nandalal, Long Term Assessment of a Multi Unit Reservoir System Operation: The ShellDP Program Package Manual, Report Series, Report 59, Department of Water Resources, Wageningen Agricultural University, The Netherlands, 272pp, 1995.		
9.	Bogardi, J.J., D. Milutin, M.E.H. Louati and G. Keser, The Performance of a Long Term Operational Policy of Multi Unit Reservoir Systems Under Drought Conditions, Proceedings of the VIII IWRA World Congress: Satisfying Future National and Global Demands, Cairo, Egypt, 1994.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		15	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	<div style="display: flex; justify-content: space-between;"> 2 International : 5 </div>

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES	
	Civil Engineering	



Science, arts and professional qualifications



Name and last name:		Mirović Đ. Ivana	
Academic title:		Lecturer	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.04.1990	
Scientific or art field:		English	
Academic career	Year	Institution	Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad	English
Bachelor's thesis	1984	Faculty of Philosophy - Novi Sad	English
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	AEJ1L	English Language - Elementary	(A00) Architecture, Undergraduate Academic Studies
2.	AEJ2L	English Language intermediate	(A00) Architecture, Undergraduate Academic Studies
3.	AEJ2Z	English intermediate	(A00) Architecture, Undergraduate Academic Studies
4.	AEJ3Z	English Language - upper intermediate	(A00) Architecture, Undergraduate Academic Studies
5.	EJ01L	English Language – Elementary	(G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
6.	EJ01Z	English Language - Elementary	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
7.	EJ02L	English Language – Pre-Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies

		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
8.	EJ02Z	English Language – Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
9.	EJ03Z	English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
10.	EJ04L	English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies		
11.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
12.	EJ2L	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		

		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
13.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
14.	EJ3L	English Language – Advanced	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
15.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
16.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
17.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies		
18.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
19.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
20.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
21.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
22.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies		
23.	EJM	English Language – ESP Course	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies		
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		
26.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies		
27.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
28.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
29.	ISIT07	English Language 2	(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies		
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies		



		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
31.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies		
32.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies		
33.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies		
34.	EJIM	English for Specific Purposes	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies		
35.	ETI05	English language - Elementary	(E02) Electronics and Telecommunications, Undergraduate Professional Studies		
36.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
37.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
38.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies		
39.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies		
40.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies		
41.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies		
Representative references (minimum 5, not more than 10)					
1.	Prevod monografije: Nenad Teofanov: Ultramodulation Spaces and Pseudodifferential Operators, Zadužbina Andrejević				
2.	Prevod publikacije o Fakultetu tehničkih nauka, Faculty of Technical Sciences, 2004				
3.	Vesna Bogdanović i Ivana Mirović: Engleski jezik 1 za grafičko inženjerstvo i dizajn, FTN izdavaštvo, Novi Sad, 2007				
4.	Ivana Mirović i Vesna Bogdanović: Engleski jezik 2 za grafičko inženjerstvo i dizajn, FTN izdavaštvo, Novi Sad, 2011				
5.	I. Mirović, V. Bogdanović, B. Ličen: Istorijat nastave stručnog engleskog jezika na FTN u Novom Sadu. međunarodna konferencija Jezik struke, teorija i praksa, Beograd, 2008				
6.	V. Bogdanović, I. Mirović, B. Ličen: Kreiranje udžbenika za engleski jezik za studente različitog predznanja, međunarodna konferencija Jezik struke, teorija i praksa, Beograd, 2008				
7.	I. Mirović, B. Ličen, V. Bogdanović: Summarization skills of engineering students reading in a second language, Language for Specific Purposes, Challenges and Prospects, Belgrade, 2011				



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
Representative references (minimum 5, not more than 10)			
8.	Mirović I, Gak D., Bogdavić V.: Trust me - I'm an engineer or: Why we should challenge our students with demanding tasks, 5th International Conference on the Importance of Learning Professional Foreign Languages for Communication between Cultures, Celje, Slovenia, 2012		
9.	Gak D, Bogdanović V, Mirović I, : Questionnaire - an instrument for collecting valuable data from teachers of business English courses, 5th International Conference on the Importance of Learning Professional Foreign Languages for Communication between Cultures, Celje, Slovenia, 2012		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	0 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:		Navalušić V. Slobodan	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.12.1975	
Scientific or art field:		Machine Elements, Construction Principles, Machine and Mechanizm	
Academic carieer	Year	Institution	Field
Academic title election:	2006	Faculty of Technical Sciences - Novi Sad	Machine Elements, Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng. Communication
PhD thesis	1996	Faculty of Technical Sciences - Novi Sad	Machine Elements, Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng. Communication
Magister thesis	1986	Faculty of Technical Sciences - Novi Sad	Machine Elements, Construction Principles, Machine and Mechanizm Theory, Power and Motion Transfer and Eng. Communication
Bachelor's thesis	1975	Faculty of Technical Sciences - Novi Sad	Thermal Energetics and Thermotechnics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	A555	Perspective	(G10) Geodesy and Geomatics, Undergraduate Academic Studies
2.	EOS03	Fundamentals in Mechanical Engineering(Machine elements and Materials)	(E01) Power Engineering - Renewble Sources of Electrical Energy, Undergraduate Professional Studies
3.	F202	Fundamentals in Mechanical Engineering	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
4.	GG03	Descriptive Geometry	(G00) Civil Engineering, Undergraduate Academic Studies
5.	GI104	Descriptive Geometry in Geomatics	(G10) Geodesy and Geomatics, Undergraduate Academic Studies
6.	M108	Engineering Graphic Communications	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
7.	M2610	Graphic Communications and CAD	(H00) Mechatronics, Undergraduate Academic Studies
8.	S012	Descriptive Geometry and Engineering Drawing	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
9.	IA013	Interactive Engineering Graphics	(F10) Engineering Animation, Undergraduate Academic Studies
10.	ASO5	Descriptive Geometry with Perspective 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
11.	ASO9	Descriptive Geometry with Perspective 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
12.	ZC007	Engineering Graphic Communications	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
13.	M2511	Methodology of Design	(M22) Mechanization and Construction Engineering, Master Academic Studies
14.	M2655	Maintenance of Agricultural Machinery	(M22) Mechanization and Construction Engineering, Master Academic Studies
15.	AD0013	Theory of curves and surfaces	(AD0) Digital Techniques, Design and Production in Architecture and Urban Planning, Master Academic Studies
16.	DM213	Contemporary Methods of Designing and Machine Constructing	(M00) Mechanical Engineering, Doctoral Academic Studies
17.	DM409	Selected Chapter in Power and Motion Transmission	(M00) Mechanical Engineering, Doctoral Academic Studies
18.	AID04	Haptic devices usage in the virtual environment	(F20) Engineering Animation, Doctoral Academic Studies



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	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>			
Representative references (minimum 5, not more than 10)				
1.	Milojević, Z., Navalusić, S., Zeljković, M.: " NC VERIFICATION AS A COMPONENT OF VIRTUAL MANUFACTURING", Academic Journal of Manufacturing Engineering, Vol. 5, No 2-2007., Editura Politehnica, žitimisoara, Romania, pp: 48-54, 2007. ISSN: 1583-7904			
2.	Milojević, Z., Navalusić, S., Zeljković, M.: " DEVELOPMENT OF THE MODULE FOR REAL'TIME VERIFICATION OF NC MACHINING PROGRAM", Journal Manufacturing Engineering Manufacturing Accuracy Increasing problems, Wroclaw, 2007			
3.	Milojević, Z., Navalusić, S., Zeljković, M.: " AN EXACT APPROACH TO 3-AXIS MILLING NC SIMULATION AND VERIFICATION", Journal Manufacturing Engineering Vol.3, No.5, Kosicah, 2006., pp. 14-17			
4.	Milojević, Z., Navalusić, S., Zeljković, M.: " DEVELOPMENT OF THE MODULE FOR VERIFICATION OF NC MACHINING PROGRAM ", Journal of Machine Engineering, Vol.5 No. 1-2, Intelligent Machines and factories, Wroclaw, 2005. god., pp. 177-185			
5.	Zeljko, M., Zeljković, Ž., Navalusić, S., Milojević, Z.: " SOFTWARE SOLUTION DEVELOPMENT FOR THE GRINDING WHEEL PROFILING CYCLE ON THE CNC GRINDING MACHINE", Journal of Machine Engineering, Vol.4 No. 1-2, Machine tools and factories of the knowledge, Wroclaw, 2004. god., pp. 254-262			
6.	Desnica E., Letić D., Gligorić R., Navalusić S.: Implementation of information technologies in higher technical education, Metalurgia international, 2012, Vol. 17, No 3, pp. 76-82, ISSN 1582-2214			
7.	Milojević Z., Navalusić S., Milankov M., Obradović R., Harhaji V., Desnica E.: System for femoral tunnel position determination based on the X - ray , HealthMED, 2011, Vol. 5, No 4, pp. 894-900, ISSN 1840-2991			
8.	Desnica E., Letić D., Navalusić S.: Concept of distance learning model in graphic communication teaching at university level education, Technics Technologies Education Management, 2010, Vol. 5, No 2, pp. 378-388, ISSN 1840-1503			
9.	Milojević Z., Navalusić S., Milankov M., Obradović R., Desnica E., Harhaji V.: Methodology for 3D femur approximate model generation, HealthMED, 2011, Vol. 5, No 5, pp. 1211-1217, ISSN 1840-2991			
10.	Navalusić, S., R. Gatalo, M. Zeljković: Automated Gearbox Design Based on Principles of Expert System Building, JSPE Publication Series No.1, Advancement of Intelligent Production, edited by Eiji Usui, Elsevier Science B. V., Amsterdam - Lausanne - New York - Oxford - Shannon - Tokyo, 1994, pp. 45-50			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :	0			
Total of SCI(SSCI) list papers :	4			
Current projects :	Domestic :	0	International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:		Novaković N. Branislava	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		05.12.1997	
Scientific or art field:		Deformable Body Mechanics	
Academic carieer	Year	Institution	Field
Academic title election:	2011		Deformable Body Mechanics
PhD thesis	2006	Faculty of Technical Sciences - Novi Sad	Deformable Body Mechanics
Magister thesis	2001	Faculty of Technical Sciences - Novi Sad	Deformable Body Mechanics
Bachelor's thesis	1987	Faculty of Technical Sciences - Novi Sad	Theory of Construction
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG15	Strength of Materials	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG410	Selected Chapters in the Theory of Elasticity	(G00) Civil Engineering, Undergraduate Academic Studies
3.	H202	Strength of materials	(H00) Mechatronics, Undergraduate Academic Studies
4.	M2412	Theory of Elasticity	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
5.	M4402	Dynamics and Stability of Constructions	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
6.	BMI96	Mechanics	(BM0) Biomedical Engineering, Undergraduate Academic Studies
7.	II1004	Mechanics and Industrial Engineering	(I10) Industrial Engineering, Undergraduate Academic Studies
8.	M2546	Selected Chapters in the Theory of Elasticity	(M22) Mechanization and Construction Engineering, Master Academic Studies
9.	M4503	Higher Course in Elasticity	(M40) Technical Mechanics and Technical Design, Master Academic Studies
10.	DAU003	Selected Chapters in Mechanics	(E20) Computing and Control Engineering, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies
11.	DM403	Mathematical Rod Theory	(M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies
12.	DZ003	Selected Chapters in Mechanics	(M00) Mechanical Engineering, Doctoral Academic Studies
13.	ZRD16A	Selected chapters in mechanics and elasticity theory	(Z01) Safety at Work, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Atanackovic, T. M., Novakovic, B. N.: ON A FRACTIONAL DERIVATIVE TYPE OF A VISCOELASTIC BODY. Theoretical and Applied Mechanics. Vol. 28-29, pp 27-37, Belgrade 2002		
2.	B. N. Novakovic, T. M. Atanackovic.: ON STABILITY OF THE COLUMN WITH A STEP CHANGE IN A CROSS SECTION. Iranian Journal of Science and Technology. Vol 28, No B4, 2004		
3.	T. M. Atanackovic, B. N. Novakovic, : OPTIMAL SHAPE OF AN ELASTIC COLUMN ON ELASTIC FOUNDATION. European Journal of Mechanics A/Solids. Vol.25, No 1, pp 154-165, 2006		
4.	Branislava N. Novaković: O STABILNOSTI ŠTAPA NA ELASTIČNOJ PODLOZI, Međunarodna konferencija 2006 SAVREMENI PROBLEMI U GRAĐEVINARSTVU, Subotica, 2-3 Jun 2006		
5.	Novakovic B., Atanackovic T.: ON THE OPTIMAL SHAPE OF AN ELASTIC ROD ON ELASTIC FUONDATION, The First International Conference on Computational Mechanics, Belgrade, November 15-17, 2004		
6.	B. N. Novakovic, STABILITY OF THE COLUMN WITH A STEP CHANGE, 23th Congress of Theoretical and Applied Mechanics, Belgrade, October 12-13, 2001		
7.	B. N. Novakovic, ON STABILITY OF THE COLUMN WITH A STEP CHANGE, ISIRR 2002, Novi Sad, October 2002		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
Representative references (minimum 5, not more than 10)			
8.	Atanackovic T., Novakovic B. : STABILITY OF AN ELASTIC ROD ON ELASTIC FOUNDATION, 24th Congress of Theoretical and Applied Mechanics, Belgrade, October 9-10, 2003.		
9.	B. N. Novaković, T. M. Atanacković: STABILNOST ELASTIČNOG ŠTAPA NA ELASTIČNOJ PODLOZI, INDIS 2003, 9th National and 3rd International scientific meeting, Novi Sad,		
10.	Atanackovic T.M., Novakovic B.N.: OPTIMAL SHAPE OF AN ELASTIC, 25th Congress of Theoretical and Applied Mechanics, Novi Sad, June 1-3, 2005.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		2	
Total of SCI(SSCI) list papers :		5	
Current projects :		Domestic :	<div style="display: flex; justify-content: space-between;"> 1 International : 0 </div>

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6 Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES	
	Civil Engineering	



Science, arts and professional qualifications



Name and last name:			Radeka M. Miroslava		
Academic title:			Associate Professor		
Name of the institution where the teacher works full time and starting date:			Faculty of Technical Sciences - Novi Sad		
			01.12.1979		
Scientific or art field:			Materials in Civil Engineering, Condition Assesment and Construction		
Academic carieer	Year	Institution		Field	
Academic title election:	2008	Faculty of Technical Sciences - Novi Sad		Materials in Civil Engineering, Condition Assesment and Construction Sanation	
PhD thesis	1998	Faculty of Technology - Novi Sad		Material Science and Engineering Materials	
Magister thesis	1985	Faculty of Technology - Novi Sad		Material Science and Engineering Materials	
Bachelor's thesis	1979	Faculty of Technology - Novi Sad		Technological Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name		Study programme name, study type	
1.	GG04	Materials in Construction 1		(G00) Civil Engineering, Undergraduate Academic Studies	
2.	GG09	Materials in Construction 2		(G00) Civil Engineering, Undergraduate Academic Studies	
3.	GG405	Finishing Operations and Installation in Facilities		(G00) Civil Engineering, Undergraduate Academic Studies	
4.	URZP13	Building materials and structures		(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies	
5.	Z202	Graditeljstvo i životna sredina(uneti naziv na engleskom)		(Z20) Environmental Engineering, Undergraduate Academic Studies	
6.	GS001	Energy Efficiency and Certification of Buildings		(G10) Energy Efficiency in Buildings, Specialised Academic Studies	
7.	GS013	Special topics of building physics and thermodynamics		(G10) Energy Efficiency in Buildings, Specialised Academic Studies	
8.	SDGI5A	Selected chapters from the energy efficiency of buildings		(G10) Geodesy and Geomatics, Specialised Academic Studies	
9.	GD012	Selected Chapters in Science on Materials		(G00) Civil Engineering, Doctoral Academic Studies	
10.	GD023	Energy Efficiency of Construction Structures		(G00) Civil Engineering, Doctoral Academic Studies	
Representative references (minimum 5, not more than 10)					
1.	Praktikum sa zbirkom rešenih zadataka za VEŽBE iz predmeta MATERIJALI U GRAĐEVINARSTVU 1, 2008				
2.	1.Radeka, M., Ranogajec, J., Marinković-Nedučin, R., Živanović, B. (1995): Compaction Mechanism as the Function of Atomised Powder Particle Size. <i>Ceramics International</i> , Vol. 21, No. 4, pp. 249-255.				
3.	2.Đurić, M., Marinković-Nedučin, R., Ranogajec, J., Radeka, M. (1995): Particle Size as a Factor Influencing Compressibility of Ceramic Powder. <i>Ceramics International</i> , Vol. 21, No. 4, pp. 227-230.				
4.	3. Đurić, M., Ranogajec, J., Radeka, M., Marinković-Nedučin, R. (1995): Deformation Stress Analysis on Ceramic Powders with Variable Particle Size Range. <i>J. Can. Cer. Soc.</i> , Vol. 64, No. 4, pp.7-12.				
5.	4. Đurić, M., Ranogajec, J., Radeka, M., Živanović, B. (2000): Influence of Amorphous Phase Quantity on some Characteristics of Sintered Ceramic Tiles. <i>J. Can. Cer. Soc.</i> , Vol.68, No.2., pp. 52-57.				
6.	5.Ranogajec, J., Đurić, M., Radeka, M., Jovanović P. (2000): Influnce of Particle Size and Furnace Atmosphere on the Sintering of Powder for Tiles Production. <i>Ceramics Silikaty</i> , Vol. 44, No.2., pp.71-77.				
7.	6. Radeka, M., Đurić, M., Ranogajec, J., Živanović, B. Petrašinović-Stojkanović Lj. (2000): Transport Characteristics of Ceramic Particles During Compaction. <i>cfi/Ber. DKG</i> , Vol.77, No.4, pp. 24-29.				
8.	7. Radeka, M., Ranogajec, J., Marinković-Nedučin, R., Kiurski, J. (2003): Texture Modeling of Ceramic Roofing Tile Systems as a Means of Improving Frost Resistance Characteristics, <i>Tile&Brick International</i> , Vol.19, No.2, pp.86-93.				
9.	1.Kiurski J., Ranogajec J., Ujhelji A, Radeka M.,Bokorov M.: Evaluation of the Effect of Lichens on Ceramic Roofing Tiles by Scanning Electron Microscopy and Energy-Dispersive Spectroscopy Analyses, <i>Scanning</i> Vol. 27., (2005) 113-119.				
10.	1. Kiurski J., Ranogajec J., Ujhelji A.,Radeka M., Bokorov M., Balint J., Borbelj-Mesaros A. : Biochemical Corrosion of Ceramic Roofing Tiles by Lichen Actions, <i>Interceram</i> , Vol 54 (2005) [5] 340-343.				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			11		
Total of SCI(SSCI) list papers :			11		
Current projects :			Domestic :	2	International : 1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications

Name and last name:		Radivojević D. Radoš	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.09.1991	
Scientific or art field:		Sociology	
Academic career	Year	Institution	Field
Academic title election:	2001	Faculty of Technical Sciences - Novi Sad	Sociology
PhD thesis	1990	Faculty of Philosophy - Novi Sad	Sociology
Magister thesis	1983	Faculty of Philosophy - Beograd	Sociology
Bachelor's thesis	1973	Faculty of Philosophy - Beograd	Sociology
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	E106	Sociology of Technique	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
2.	E251	Sociological Aspects of Technical Development	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
3.	E251A	Sociological Aspects of Technical Development	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies
4.	F108	Sociology of Culture	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
5.	GG02	Sociology and Economics in Civil Engineering	(G00) Civil Engineering, Undergraduate Academic Studies
6.	GG105	Sociology of Work	(G00) Civil Engineering, Undergraduate Academic Studies
7.	M318	Sociology of Technique	(F10) Engineering Animation, Undergraduate Academic Studies (G10) Geodesy and Geomatics, Undergraduate Academic Studies (H00) Mechatronics, Undergraduate Academic Studies
8.	Z310	Social Ecology	(Z20) Environmental Engineering, Undergraduate Academic Studies
9.	A206	Sociology and Economy of the Built Environment	(A00) Architecture, Undergraduate Academic Studies
10.	ASO311	Sociology of Art and Culture	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
11.	ETI41	Sociology of Technique	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
12.	IM1003	Sociology of Work	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
13.	A005S	Urban sociology and economics: selected chapters	(A00) Architecture, Specialised Academic Studies
14.	ZRMI3A	Sociological and Legal Aspects of Occupational Safety	(Z01) Safety at Work, Master Academic Studies
15.	A005	Urban Sociology and Economics – Selected Chapters	(A00) Architecture, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Sociologija nauke, Stylos, Novi Sad, 1997.		
2.	Tehnika i društvo, Fakultet tehničkih nauka, Novi Sad, 2003.		
3.	Sociologija naselja, Fakultet tehničkih nauka, Novi Sad, 2004.		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
Representative references (minimum 5, not more than 10)			
4.	Fakultet tehničkih nauka-Razvoj, delatnost, rezultati, Novi Sad, 2006.		
5.	Karakteristike inženjersko ekonomskog proučavanja organizacije rada, Sociološki pregled br. 1-2, Beograd, 1984.		
6.	Socijalizam kao neproduktivni sistem, Sociološki pregled br 1-2, Beograd, 1994.		
7.	Karakteristike empirijskog proučavanja organizacije rada, Sociologija br 4, 1985.		
8.	Milićeva sociologija saznanja, Sociologija br 4, Beograd, 1997.		
9.	Socio-psychological consequences of the flood-an Example of Jasa Tomic, Editors:Stevan Bruk&Tiosav Petkovic, Belgrade, 2006.		
10.	Gordana Vuksanović, Radoš Radivojević, THE ROLE OF CHILDREN IN INVESTIGATING AND ELIMINATING THE CONSEQUENCES OF NATURAL DISASTERS		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		3	
Current projects :		Domestic :	International :
		2	1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Civil Engineering</p>		
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Science, arts and professional qualifications



Name and last name:	Radonjanin S. Vlastimir		
Academic title:	Associate Professor		
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad 01.11.1987		
Scientific or art field:	Materials in Civil Engineering, Condition Assessment and Construction		
Academic career	Year	Institution	Field
Academic title election:	2008	Faculty of Technical Sciences - Novi Sad	Materials in Civil Engineering, Condition Assessment and Construction Sanation
PhD thesis	2003	Faculty of Civil Engineering - Beograd	Materials in Civil Engineering and Concrete Technology
Magister thesis	1994	Faculty of Technical Sciences - Novi Sad	Materials in Civil Engineering and Concrete Technology
Bachelor's thesis	1982	Faculty of Civil Engineering - Beograd	Civil Engineering



List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type
1.	A202	Structures, Materials and Building	(A00) Architecture, Undergraduate Academic Studies
2.	GG09	Materials in Construction 2	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG21	Concrete Technology	(G00) Civil Engineering, Undergraduate Academic Studies
4.	URZP13	Building materials and structures	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
5.	GG504	Durability and Assessment of Concrete Structures	(G00) Civil Engineering, Master Academic Studies
6.	GG506	Professional Practice	(G00) Civil Engineering, Master Academic Studies
7.	GG517	Damages and Repair of Masonry, Steel and Timber Structures	(G00) Civil Engineering, Master Academic Studies
8.	GG518	Repair of Concrete Structures	(G00) Civil Engineering, Master Academic Studies
9.	GP502	Bridge Management	(G00) Civil Engineering, Master Academic Studies
10.	URZP62	Assessment of Damaged Structures	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
11.	GS009	Energy-efficient materials and diagnostic of building thermotechnical performances	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
12.	GS010	The design of energy efficient buildings	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
13.	GS011	Energy revitalization of buildings	(G10) Energy Efficiency in Buildings, Specialised Academic Studies
14.	SDGI1A	Odabrana poglavlja iz građevinskih materijala i konstrukcija	(G10) Geodesy and Geomatics, Specialised Academic Studies
15.	GD005	Selected Chapters in Concrete Theory and Technology	(G00) Civil Engineering, Doctoral Academic Studies
16.	GD008	Contemporary Methods in Concrete Structure Design	(G00) Civil Engineering, Doctoral Academic Studies
17.	GD013	Earthquake Engineering	(G00) Civil Engineering, Doctoral Academic Studies
18.	GD015	Rheology of Concrete Structures	(G00) Civil Engineering, Doctoral Academic Studies

Representative references (minimum 5, not more than 10)



1.	Radonjanin,V. (2003): Prilog istraživanju osnovnih karakteristika betona modifikovanih polimerima sa aspekta njihove primene u armiranobetonskim konstrukcijama, Magistarska teza
2.	Radonjanin,V.(1994): Parametarska analiza karakteristika reparaturnih maltera sa aspekta njihove primene pri sanaciji armiranobetonskih konstrukcija, Doktorska disertacija
3.	Folić, R., Radonjanin, V. (1998): Experimental research on polymer modified concrete, ACI Materials Journal, VOL. 95 No. 4, July/August 1998, pp.463-470.
4.	Marinkovic Snezana B, Radonjanin Vlastimir S, Malesev Mirjana, Ignjatovic IS,Comparative environmental assessment of natural and recycled aggregate concrete (Article), WASTE MANAGEMENT, (2010), vol. 30 br. 11, str. 2255-2264
5.	Stojanovic Goran M, Radovanovic Milan, Malesev Mirjana, Radonjanin Vlastimir S, Monitoring of Water Content in Building Materials Using a Wireless Passive Sensor (Article), SENSORS, (2010), vol. 10 br. 5, str. 4270-4280
6.	Maksimovic M.; Stojanovic G., Radovanovic M.; Malesev M.; Radonjanin V., Radosavljevic G.; Smetana W (2012).: Application of a LTCC sensor for measuring moisture content of building materials, Elsevier - Construction and Building Materials, Volume 26, Issue 1, January 2012, pp. 327–333 (http://dx.doi.org/10.1016/j.conbuildmat.2011.06.029)
7.	Folić, R., Radonjanin, V., Malešev, M. (2002): The assessment of the Structure of Novi Sad Open University Damaged in Fire, Journal "Construction and Building Materials", No. 16 (2002), Elsevier Science, London, pp.427 - 440.

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>			
Representative references (minimum 5, not more than 10)				
8.	Matić B., Tepić J., Sremac S., Radonjanin V., Matić D., Jovanović P.: Development and evaluation of the model for the surface payment temperature prediction, Journal "Metalurgija", Croatian metallurgical society, Zagreb, Croatia, ISSN: 0543-5846, 2012 (UDC – UDK 621.747.621.006.2:658.564=111), pp.329-332			
9.	Pavlović, P., Folić, R., Radonjanin, V., Tatomirović, M. (1997): The Testing and Repair of Steel Silo, Journal "Construction and Building Materials", Vol. 11. No. 5-6 (1997), Elsevier Science, London, pp.353-363.			
10.	Radonjanin, V., Malešev, M., Folić, R. (2007): Assessment and repair of the bearing structure of a multi-storey parking garage, Journal of Building Appraisal, Volume 2, Issue 4, Publisher "Palgrave Macmillan", London, UK, February 2007, pp. 335-354.			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :	24			
Total of SCI(SSCI) list papers :	7			
Current projects :	Domestic :	2	International :	1

	UNIVERSITY OF NOVI SAD		
	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2>		
UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	



Science, arts and professional qualifications



Name and last name:		Radović M. Nebojša	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.02.2010	
Scientific or art field:		Traffic Paths	
Academic carieer	Year	Institution	Field
Academic title election:	2010		Traffic Paths
PhD thesis	2006	Faculty of Technical Sciences - Novi Sad	Traffic Paths
Magister thesis	1999	Faculty of Civil Engineering - Beograd	Traffic Paths
Bachelor's thesis	1989	Faculty of Civil Engineering - Beograd	Traffic Paths
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GP403	Selected Chapters in Road Design	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GP501	Traffic Network Management	(G00) Civil Engineering, Master Academic Studies
3.	GP503	Selected Chapters in Planning and Designing City Traffic Routes	(G00) Civil Engineering, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	"Tipologija vangradskih puteva", zbornik radova sa XIX Svetskog kongresa za puteve u Marakešu - izbor i sinteza radova po pitanju vangradskih puteva, izdavač Savez organizacija za puteve Jugoslavije, (str. 246-254), 1992., Beograd		
2.	"Životna sredina i razvoj puteva", zbornik radova sa XIX Svetskog kongresa za puteve u Marakešu - izbor i sinteza radova po pitanju vangradskih puteva, izdavač Savez organizacija za puteve Jugoslavije, (str. 236-245), 1992., Beograd.		
3.	"Nove tehnike za održavanje i pojačanje kolovoza", zbornik radova sa XX Svetskog kongresa za puteve u Montrealu - generalni izveštaj po pitanju IV - izbor i sinteza materijala, izdavači Društvo za puteve Jugoslavije, Društvo za puteve Srbije, Društvo za puteve Crne Gore, (str. 86-116), 1996., Beograd		
4.	"Gradska područja", zbornik radova sa XX Svetskog kongresa za puteve u Montrealu - Tehnički komitet za gradska područja - izbor i sinteza materijala, izdavači Društvo za puteve Jugoslavije, Društvo za puteve Srbije, Društvo za puteve Crne Gore, (str. 306-328), 1996., Beograd.		
5.	"Osnove za optimizaciju upravljanja održavanjem kolovoza", Građevinski kalendar 2009. (str. 46-105), Savez građevinskih inženjera Srbije, Beograd, 2008., YU ISSN 0352-2733, UDK 625.76; 625.8.08.		
6.	"Racionalizacija gospodarenja autocestom E-75, Novi Sad- Beograd", Ceste i Mostovi (str. 123-130), posebni broj I, Zagreb, Republika Hrvatska, 2007.		
7.	"Analyses of Pavement Rehabilitation Needs on the road network of the Republic of Serbia", 3rd IRF Congress for East - South Europe, 2002. Belgrade		
8.	"The Republic of Serbia Road Database Management System", THE SECOND B&H CONGRESS ON ROADS, Bosnia and Herzegovina, Sarajevo 24-25.09.2009.		
9.	"Analyses of Pavement Surface Distresses with Road Vision software", Proceedings: "Computer in the Practice of Building and Civil Engineering", (str. 387-391), Worldwide ECCE Symposium, European Council of Civil Engineers, Lahti, Finland, September 1997.		
10.	"Pavement Evaluation and Rehabilitation Programme in the Republic of Serbia", Special Focus Yugoslavia, 3rd IRF Congress for East - South Europe, 2002. Belgrade.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		1	
Current projects :		Domestic :	0
		International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:		Rakarić Đ. Zvonko	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		15.11.1999	
Scientific or art field:		Mechanics	
Academic carieer	Year	Institution	Field
Academic title election:	2012		Mechanics
PhD thesis	2011	Faculty of Technical Sciences - Novi Sad	Technical Mechanics
Magister thesis	2009	Faculty of Technical Sciences - Novi Sad	Mechanics
Bachelor's thesis	1999	Faculty of Technical Sciences - Novi Sad	Mechanics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	E104	Mechanics	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
2.	F107	Technical Mechanics	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
3.	GG14	Mechanics 2	(G00) Civil Engineering, Undergraduate Academic Studies
4.	IAKI01	Selected Chapters in Kinematics	(F10) Engineering Animation, Undergraduate Academic Studies
5.	M103	Mechanics 1	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
6.	M107	Mechanics 2	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
7.	M201	Mechanics 3	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
8.	M2411	Theory of Oscillation	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
9.	M4301	Computer Methods in Mechanics	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
10.	M45021	Computer Methods in Mechanics 2	(M40) Technical Mechanics and Technical Design, Master Academic Studies
Representative references (minimum 5, not more than 10)			

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>			
Representative references (minimum 5, not more than 10)				
1.	Rakarić Z., Kovačić I.: An elliptic averaging method for harmonically excited oscillators with a purely non-linear non-negative real-power restoring force, in press, Communication in Non-linear Science and Numerical Simulations, 2012, ISSN 1007-5704			
2.	Rakarić Z., Kovačić I.: Approximations for motion of the oscillators with a non-negative real power restoring force, Journal of Sound and Vibration, 2011, No 330, pp. 321-336, ISSN 0022-460X			
3.	Kovačić I., Rakarić Z.: Study of oscillators with a non-negative real-power restoring force and quadratic damping, Nonlinear Dynamics, 2011, Vol. 64, No 3, pp. 293-304, ISSN 0924-090X, UDK: DOI: 10.1007/s11071-010-9861-9			
4.	Cvetičanin L., Kovačić I., Rakarić Z.: Asymptotic methods for vibrations of the pure fractional-order non-linear oscillators, Computers			
5.	Kovačić I., Rakarić Z.: Oscillators with a fractional-order restoring force: higher-order approximations for motion via a modified Ritz method, Communication in Non-linear Science and Numerical Simulations, 2010, Vol. 15, pp. 2651-2658, ISSN 1007-5704			
6.	Kovačić I., Rakarić Z., Cvetičanin L.: A non-simultaneous variational approach for a certain class of non-linear oscillators, Applied Mathematics and Computation, 2010, Vol. 217, pp. 3944-3954, ISSN 0096-3003			
7.	Rakarić Z.: Oscillators with a quasi-constant restoring force: approximations for motion, Meccanica, 2010, ISSN 0025-6455			
8.	Rakarić Z., Kovačić I.: Oscillators with a purely nonlinear non-negative real-power restoring force: approximations for free and forced response via elliptic functions and averaging, 7. European Nonlinear Dynamics Conference - ENOC, Rim, 24-29 Jul, 2011, ISBN 978-88-906234-2			
9.	Rakarić Z., Kovačić I.: On the behaviour of forced oscillators with a non-negative real-power restoring force and van der Pol damping, 3. International Congress of Serbian Society of Mechanics, Vlasinsko jezero, 5-8 Jul, 2011, pp. 1284-1296, ISBN 978-86-909973-3-6			
10.	Rakarić Z., Zuković M.: Iteration method solutions for oscillators with $\text{sign}(x) x ^\alpha$ elastic force, 2. International Congress of Serbian Society of Mechanics, Palić, 1-5 Jun, 2009, pp. 1-10, ISBN 978-86-7892-173-5, UDK: paper A14			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :	20			
Total of SCI(SSCI) list papers :	6			
Current projects :	Domestic :	1	International :	1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications

Name and last name:		Salvai A. Atila	
Academic title:		Associate Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Agriculture - Novi Sad 01.10.2007	
Scientific or art field:		Biotechnic Science	
Academic carieer	Year	Institution	Field
Academic title election:	2003	Faculty of Agriculture - Novi Sad	Biotechnic Science
PhD thesis	1998	Faculty of Agriculture - Novi Sad	Hydrotechnics
Magister thesis	1990	Faculty of Agriculture - Novi Sad	Hydrotechnics
Bachelor's thesis	1984	Faculty of Agriculture - Novi Sad	Hydrotechnics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GH403	Hydraulics	(G00) Civil Engineering, Undergraduate Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Zelenhasić E., Salvai A.: "A Method of Streamflow Drought Analysis", J. Water Resources Research, Vol. 23, No.		
2.	Zelenhasić E., Salvai A., Srdjević B., Pantić M.: "Stohastička analiza malih rečnih voda", Sveska 4, Posebna izdanja Instituta za uređenje voda, Poljoprivredni fakultet, str. 173, Novi Sad, 1986.		
3.	Salvai A.: "Analiza malih voda većih reka u panonskom delu Jugoslavije", Magistarski rad, Univerzitet u Novom Sadu, Poljoprivredni fakultet, str. 97, Novi Sad, 1990.		
4.	Salvai A.: "Strujanje vode u otvorenim tokovima složenog preseka", Doktorska disertacija, Univerzitet u Novom Sadu, Poljoprivredni fakultet, str. 118, Novi Sad, 1998.		
5.	Salvai A., Benka P.: "Present State of Flood Control and Water Streams Improvement in Voivodina", Annals of the Faculty of Engineering Hunedoara, TOME I, Fascicole 2, Pages 133-138, Hunedoara, Romania, 2003.		
6.	Salvai A., Mijatović B., Dragica Stojiljković: "New Strategy for Water Supply in Vojvodina", Annals of the Faculty of Engineering Hunedoara, TOME I, Fascicole 2, Pages 185-190, Hunedoara, Romania, 2003.		
7.	Salvai A., Josimov-Dundjerski Jasmina: "Improving Water Management of the Drainage Systems for Environmental Protection", Annals of the Faculty of Engineering Hunedoara, TOME III, Fascicole 1, Pages 83-88, Hunedoara, Romania, 2005.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		31	
Total of SCI(SSCI) list papers :		1	
Current projects :		Domestic :	1 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:	Simeunović M. Milan		
Academic title:	Assistant Professor		
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad 15.03.1998		
Scientific or art field:	Transport Organization and Technology		
Academic carier	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Transport Organization and Technology
PhD thesis	2012	Faculty of Technical Sciences - Novi Sad	Traffic Engineering
Magister thesis	2001	Faculty of Technical Sciences - Novi Sad	Traffic Engineering
Bachelor's thesis	1997	Faculty of Technical Sciences - Novi Sad	Traffic Engineering



List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type
1.	S0432	Traffic Flow Theory	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (G00) Civil Engineering, Undergraduate Academic Studies
2.	S0436	Urban Public Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
3.	S0441	Urban Public Transport Technology	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
4.	S051	Traffic Design	(S00) Traffic and Transport Engineering, Master Academic Studies
5.	S0I591	Quality System in Road Transport	(S00) Traffic and Transport Engineering, Master Academic Studies
6.	S0I592	Project Evaluation	(S00) Traffic and Transport Engineering, Master Academic Studies
7.	S0I594	Traffic Forecasts	(S00) Traffic and Transport Engineering, Master Academic Studies
8.	S0MJ4	Planning of Public transport	(S00) Traffic and Transport Engineering, Master Academic Studies
9.	SOP2	Transportation Demand Management	(S00) Traffic and Transport Engineering, Master Academic Studies
10.	SDI6	Optimization of the Goods Transportation Process	(OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies
11.	SDI7	Passenger Transport Process Optimization	(S00) Traffic Engineering, Doctoral Academic Studies
12.	DSSK3A	Research and simulation of road traffic flow	(S00) Traffic Engineering, Doctoral Academic Studies
13.	DSSK4	Urban planning and development of transport networks	(S00) Traffic Engineering, Doctoral Academic Studies
14.	DSSK6	Maintainable urban transport systems	(S00) Traffic Engineering, Doctoral Academic Studies

Representative references (minimum 5, not more than 10)



1.	Pavle Gladović, Milan Simeunović, Sistemi javnog autotransporta robe, Fatkultet tehničkih nauka, 2004.
2.	Simeunović M., Leković M., Bogdanović V., Papić Z., Pitka P.: The application of a five-regime model in adaptive traffic control, Technics Technologies Education Management / TTEM, 2013, Vol. 8, No 1.2/3, ISSN 1840-1503
3.	Simeunović M., Leković M., Papić Z., Pitka P.: The influence of vehicle headway irregularity in public transport on in-vehicle passenger comfort, Scientific Research and Essays, 2012, Vol. 7, No 32, pp. 2874-2881, ISSN 1992-2248
4.	Simeunović M., Leković M., Radojković M., Pitka P.: The Information System "Isput" for Monitoring and Controlling Transport, Suvremeni promet, 2011, pp. 65-69, ISSN 0351-1898, UDK: 343.346:614.8
5.	Pavle Gladović, Milorad Eskić, Milan Simeunović, 16. Geometrijski model upravljanja procesom preventivnog održavanja fuzzy logikom, Časopis "TEHNIKA", br. 4/5 Beograd 2003, str 7-17.
6.	Pavle Gladović, Milan Simeunović, Milica Miličić, Kvalitet usluge u drumskom transportu, Časopis Saveza inženjera i tehničara "TEHNIKA" br.3, str 113-120, Beograd 2004.
7.	Milan Simeunović, Vreme čekanja kao parametar kvaliteta prevozne usluge u javnom prevozu putnika, str. 245-251 10th International Conference DEPENDABILITY AND QUALITY MANAGEMENT ICDQM-2007 Belgrade, Serbia, 13-14 June 2007.
8.	Milomir Veselinović, Milan Simeunović, Ravnomernost intervala u funkciji kvaliteta usluge u javnom prevozu, "SAVREMENE STRATEGIJE UNAPREĐENJA SAOBRAĆAJA U GRADOVIMA, Novi Sad, 18–19. X.2007
9.	Milomir Veselinović, Milan Stanisaljević, Milan Simeunović, Značaj železnice u raspodeli putovanja po podsystemima u javnom gradskom i prigradskom prevozu putnika, JUŽEL, Vrnjačka Banja, 1999. str 533-536



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>				
Representative references (minimum 5, not more than 10)					
10.	Pavle Gladović, Mllan Simeunović, Milica Miličić, Zahtevani kvalitet usluge sistema javnog gradskog i prigradskog prevoza putnika, 10th International Conference DEPENDABILITY AND QUALITY MANAGEMENT ICDQM-2007 Belgrade, Serbia, 13-14 June 2007.str 269-275				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :				1	
Total of SCI(SSCI) list papers :				2	
Current projects :				Domestic :	1 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:			Simić S. Srboljub	
Academic title:			Full Professor	
Name of the institution where the teacher works full time and starting date:			Faculty of Technical Sciences - Novi Sad	
			25.11.1993	
Scientific or art field:			Mechanics	
Academic carieer	Year	Institution		Field
Academic title election:	2010	Faculty of Technical Sciences - Novi Sad		Mechanics
PhD thesis	1999	Faculty of Technical Sciences - Novi Sad		Mechanics
Magister thesis	1997	Faculty of Mathematics - Beograd		Mechanics
Bachelor's thesis	1993	Faculty of Technical Sciences - Novi Sad		Mechanical Engineering
List of courses being held by the teacher in the accredited study programmes				
	ID	Course name		Study programme name, study type
1.	E104	Mechanics		(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies
2.	GG07	Mechanics 1		(G00) Civil Engineering, Undergraduate Academic Studies
3.	M4305	Thermomechanics		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
4.	Z108	Fundamentals of Mechanics		(Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
5.	M44031	Analytical mechanics		(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
6.	M4505	Modelling of non-linear systems		(M40) Technical Mechanics and Technical Design, Master Academic Studies
7.	BMIM4A	Transport phenomena and Living systems		(BM0) Biomedical Engineering, Master Academic Studies
8.	DM407	Nonlinear Mechanics with Nonconservative Properties		(M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies
9.	DSIM8	Selected Chapters in Dynamics and Control		(M40) Technical Mechanics, Doctoral Academic Studies
10.	DZ003	Selected Chapters in Mechanics		(M00) Mechanical Engineering, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)				
1.	Srboljub S. Simić: Analitička mehanika: dinamika, stabilnost, bifurkacije, Fakultet tehničkih nauka, Novi Sad 2006., Edicija „Tehničke nauke - udžbenici“, 415 str., ISBN 86-85211-83-2			
2.	Srboljub S. Simić, Ratko B. Maretić: Osnove mehanike, Fakultet tehničkih nauka, Novi Sad 2008., Edicija „Tehničke nauke - udžbenici“, 273 str., ISBN 978-86-7892-147-6			
3.	B.D. Vujanovic, T. Kawaguchi, S.S. Simic (1997), A Class of Conservation Laws of Linear Time-Dependent Dynamical Systems, TENSOR (NS), 58 (3), pp. 243-252.			
4.	T.M. Atanackovic, S.S. Simic (1999), On the optimal shape of a Pflüger column, European Journal of Mechanics, A/Solids, 18 (5), pp. 903-913.<lang>			
5.	S.S. Simic (2002), On the symmetry approach to polynomial conservation laws of one-dimensional Lagrangian systems, International Journal of Non-Linear Mechanics, 37, pp. 197-211.<lang>			
6.	T. Ruggeri, S. Simić (2004), Non Linear Wave Propagation in Binary Mixtures of Euler Fluids, Continuum Mechanics and Thermodynamics, 16, pp. 125-148.<lang>			
7.	T. Ruggeri, S. Simić (2007), On the Hyperbolic system of a mixture of Eulerian fluids: a comparison between single- and multi-temperature models, Mathematical Methods in the Applied Sciences, 30, pp. 827-849.<lang>			
8.	T. Ruggeri, S. Simić (2009) Average temperature and Maxwellian iteration in multitemperature mixtures of fluids, Physical Review E, vol. 80, 026317			
9.	T. Atanacković, S. Konjik, S. Pilipović, S. Simić (2009) Variational problems with fractional derivatives: Invariance conditions and Nöther's theorem, Nonlinear Analysis: Theory, Methods and Applications, vol. 71, pp. 1504-1517			
10.	S. Simić (2009) Shock structure in continuum models of gas dynamics, Nonlinearity, vol. 20, pp. 1337-1366			
Summary data for teacher's scientific or art and professional activity:				

	UNIVERSITY OF NOVI SAD					
	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6					
	Study Programme Accreditation					
	UNDERGRADUATE ACADEMIC STUDIES			Civil Engineering		
Quotation total :		7				
Total of SCI(SSCI) list papers :		9				
Current projects :		Domestic :	1	International :	1	

	UNIVERSITY OF NOVI SAD		
	FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	Study Programme Accreditation UNDERGRADUATE ACADEMIC STUDIES Civil Engineering		



Science, arts and professional qualifications



Name and last name:		Stipić S. Matija	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		-	
Scientific or art field:		Hydrotechnics	
Academic carieer	Year	Institution	Field
Academic title election:	2010		Hydrotechnics
PhD thesis	2009		Hydrotechnics
Magister thesis	1999		Hydrotechnics
Bachelor's thesis	1987		Hydrotechnics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG408	Municipal Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
2.	URZP17	Devices and systems in fire protection	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
3.	URZP40	Stationary Systems for Fire Extinguishing	(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
4.	GH501	Hydraulics 2	(G00) Civil Engineering, Master Academic Studies
5.	ZP507	Design and Maintenance of Stationary Fire Extinguishing Systems	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
6.	MPK003	Napredno sanitarno inženjerstvo(uneti naziv na engleskom)	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engleskom), Master Academic Studies
7.	MPK029	Hidraulika podzemnih voda	(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engleskom), Master Academic Studies
Representative references (minimum 5, not more than 10)			
Summary data for teacher's scientific or art and professional activity:			
Quotation total :			
Total of SCI(SSCI) list papers :			
Current projects :	Domestic :		International :

	<p>UNIVERSITY OF NOVI SAD</p> <p>FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p>Study Programme Accreditation</p> <p>UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications

Name and last name:		Stojaković Z. Vesna	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.06.2005	
Scientific or art field:		Geometric Space Theory and Interpretation in Architecture and Urbanism	
Academic career	Year	Institution	Field
Academic title election:	2011		Geometric Space Theory and Interpretation in Architecture and Urbanism
PhD thesis	2011	Faculty of Technical Sciences - Novi Sad	Architecture
Bachelor's thesis	2004	Faculty of Technical Sciences - Novi Sad	Architecture
Magister thesis	-		Architecture
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	A555	Perspective	(G10) Geodesy and Geomatics, Undergraduate Academic Studies
2.	GG03	Descriptive Geometry	(G00) Civil Engineering, Undergraduate Academic Studies
3.	IA017	Image Based Modeling	(F10) Engineering Animation, Undergraduate Academic Studies
4.	IGA003	Computer Image Processing in Engineering Animation	(F10) Engineering Animation, Undergraduate Academic Studies
5.	Z418	Geometry of Eco-spatial Visualization	(Z20) Environmental Engineering, Undergraduate Academic Studies
6.	IA006	Spatial Shape Design	(F10) Engineering Animation, Undergraduate Academic Studies
7.	IA007	Geometry and Visualization of 3D Space	(F10) Engineering Animation, Undergraduate Academic Studies
8.	A210	Art techniques of drawing and architectural presentations	(A00) Architecture, Undergraduate Academic Studies
9.	A210S	Art techniques of drawing and architectural presentations	(A00) Architecture, Undergraduate Academic Studies
10.	A342	Architectural representations 1 - basic level	(A00) Architecture, Undergraduate Academic Studies
11.	A342S	Architectural representations 1 - Advanced level	(A00) Architecture, Undergraduate Academic Studies
12.	A377	Architectural representations 3	(A00) Architecture, Undergraduate Academic Studies
13.	A555	Perspective	(A00) Architecture, Undergraduate Academic Studies
14.	IA003	Perspective	(F10) Engineering Animation, Undergraduate Academic Studies
15.	ZC007	Engineering Graphic Communications	(ZC0) Clean Energy Technologies, Undergraduate Academic Studies
16.	A291	Representation of a Wider Physical Environment	(AD0) Digital Techniques, Design and Production in Architecture and Urban Planning, Master Academic Studies
17.	IA254	Presentation Techniques of Architectural and Urban Space	(F20) Engineering Animation, Master Academic Studies
18.	A116DS	Modern techniques of the geometric space representation	(A00) Architecture, Specialised Academic Studies (G10) Geodesy and Geomatics, Specialised Academic Studies
19.	A118SB	Geometric theories in architectural structures' generation	(A00) Architecture, Specialised Academic Studies
20.	AD0001	Digital Design in Architecture and Urban Planning	(AD0) Digital Techniques, Design and Production in Architecture and Urban Planning, Master Academic Studies
21.	AD0002	Architectural Visualization	(AD0) Digital Techniques, Design and Production in Architecture and Urban Planning, Master Academic Studies
22.	AD0004	Generative design in architecture and urbanism	(AD0) Digital Techniques, Design and Production in Architecture and Urban Planning, Master Academic Studies
23.	AD0011	Modeling Based on Perspective Images	(AD0) Digital Techniques, Design and Production in Architecture and Urban Planning, Master Academic Studies
24.	AD0012	Dynamic Analysis and Simulation in Architecture	(AD0) Digital Techniques, Design and Production in Architecture and Urban Planning, Master Academic Studies
25.	A116B	Geometric Theories in Architectural Structures' Generation	(A00) Architecture, Doctoral Academic Studies

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	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
26.	A116E	Modern techniques of the geometric space representation	(A00) Architecture, Doctoral Academic Studies (AS0) Scenic Design, Doctoral Academic Studies
27.	AID03	3D representation of the real world environment	(F20) Engineering Animation, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	V. Stojaković, B. Tepavčević, Image-based modeling approach in creating 3D morphogenetic reconstruction of Liberty Square in Novi Sad, Journal of Cultural Heritage, 12, ISSN: 1296-2074, doi:10.1016/j.culher.2010.06.001, 2011, str. 105-110. (M22)		
2.	V. Stojaković, R. Štulić, Virtual Reconstruction of Kljajicevo Chapel, Journal for Geometry and Graphic, Vol. 14, No 10, ISSN 1433-8157, 2010, str.81-91.		
3.	V. Stojaković, Terrestrial Photogrammetry and Application to Modeling Architectural Objects, Facta Univesitatis, Series architecture and civil engineering, Vol. 6, No 1, ISSN 0354 – 4605, UDC 528.711:72.01+721(045)=111, Univerzitet u Nišu, Niš, 2008, str. 113-125		
4.	V. Stojaković, 3D Modeling Based on Photographic data, Novi Sad Journal of Mathematic, ISSN 1450-5444, Vol. 38, No.3, 2008, str. 65- 72.		
5.	Nedučin D., Stojaković V., Štulić R.: On reform of structure and content of the course of descriptive geometry, Pollack Periodica, Akademiai Kiado, ISSN 1788-1994) www.akademiai.com (SCOPUS), 2012, Vol. 7, pp. 85-93, ISSN 1788-1994		
6.	Marcijuš I., Stojaković V., Štulić R.: Linear geometric perspective in architectural curricula and spatial skills development, Pollack Periodica, Akademiai Kiado, ISSN 1788-1994) www.akademiai.com (SCOPUS), 2012, Vol. 7, pp. 77-84, ISSN 1788-1994		
7.	Stojaković V.: Virtuelne trodimenzionalne reprezentacije arhitektonskih objekata kreirane na osnovu perspektivnih slika, NAUKA PRAKSA, 2009, Vol. 12, No 1, pp. 208-211, ISSN 1451-8341		
8.	Stojaković V., Tepavčević B.: GENERATION AND APPLICATION OF DYNAMIC VIRTUAL RECONSTRUCTIONS OF URBAN PUBLIC SPACES, UNAPREĐENJE STRATEGIJE OBNOVE I KORIŠĆENJA JAVNIH PROSTORA U PROSTORNOM I URBANISTIČKOM PLANIRANJU I PROJEKTOVANJU, Novi Sad, Faculty of Technical Sciences, 2011, str. 69-86, ISBN 978-86-7892-254-1		
9.	V. Stojaković, Importance of Restitution in Cultural Heritage Research and Visualisation, S.A.V.E. Heritage - Safeguard of Architectural, Visual, Environmental Heritage, Capri, Italy, 2011, pp. 1-7.		
10.	V. Stojaković, B. Tepavčević, Single Image Ambiguity and Adjustment of Cultural Heritage Modeling Approach, Education and Research in Computer Aided Architectural Design in Europe - eCAADe, Ljubljana, 2011, pp. 99-106.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		2	
Current projects :		Domestic :	2
		International :	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES Civil Engineering</p>	
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Science, arts and professional qualifications

Name and last name:		Šafranĳ F. Jelisaveta	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		15.10.2000	
Scientific or art field:		English	
Academic carieer	Year	Institution	Field
Academic title election:	2009	Faculty of Technical Sciences - Novi Sad	English
PhD thesis	2008	Faculty of Philology - Beograd	English
Magister thesis	2000	Faculty of Philology - Beograd	English
Education Specialist Thesis	1994	Faculty of Philology - Beograd	English
Bachelor's thesis	1982	Faculty of Philosophy - Novi Sad	English
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	AEJ1L	English Language - Elementary	(A00) Architecture, Undergraduate Academic Studies
2.	AEJ2L	English Language intermediate	(A00) Architecture, Undergraduate Academic Studies
3.	AEJ2Z	English intermediate	(A00) Architecture, Undergraduate Academic Studies
4.	AEJ3Z	English Language - upper intermediate	(A00) Architecture, Undergraduate Academic Studies
5.	EJ01L	English Language – Elementary	(G00) Civil Engineering, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
6.	EJ01Z	English Language - Elementary	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies




Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES



Civil Engineering



List of courses being held by the teacher in the accredited study programmes

ID	Course name	Study programme name, study type
7. EJ02L	English Language – Pre-Intermediate	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (F00) Graphic Engineering and Design, Undergraduate Academic Studies (M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (ZC0) Clean Energy Technologies, Undergraduate Academic Studies (ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
8. EJ02Z	English Language – Pre-Intermediate	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
9. EJ03Z	English Language - Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (MR0) Measurement and Control Engineering, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
10. EJ04L	English Language – Upper Intermediate	(F00) Graphic Engineering and Design, Undergraduate Academic Studies (Z01) Safety at Work, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies (Z20) Environmental Engineering, Undergraduate Academic Studies
11. EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies

		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
12.	EJ2L	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
13.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies		
14.	EJ3L	English Language – Advanced	(E20) Computing and Control Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies		
15.	EJE5	English Language – First Certificat 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
16.	EJE6	English Language - First Certificate 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
17.	EJEI	English Language for Engineers	(H00) Mechatronics, Undergraduate Academic Studies		
18.	EJEI1	English in Engineering 1	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
19.	EJEI2	English in Engineering 2	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies		
20.	EJF5	English Language for GRID 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
21.	EJF6	English Language for GRID 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies		
22.	EJGR	English Language – ESP Course	(G00) Civil Engineering, Undergraduate Academic Studies		
23.	EJM	English Language – ESP Course	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies		
24.	EJPST	English Language in Postal Traffic	(S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies		
25.	EJSIT	English Language in Traffic and Transport	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies		



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	Study Programme Accreditation		
UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
26.	EJZ	English Language - Specialized	(Z20) Environmental Engineering, Undergraduate Academic Studies
27.	F320	English Language – ESP Course 1	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
28.	F321	English Language – ESP Course 2	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
29.	ISIT01	English Language 1	(SII) Software and Information Technologies (Indija), Undergraduate Professional Studies
30.	ASI381	English language 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
31.	ASI431	English Language 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
32.	BMI80	English 1	(BM0) Biomedical Engineering, Undergraduate Academic Studies
33.	BMI81	English 2	(BM0) Biomedical Engineering, Undergraduate Academic Studies
34.	EJIIM	English for Specific Purposes	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
35.	ETI15	Engleski jezik - srednji	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
36.	ETI20	Engleski jezik - napredni	(E02) Electronics and Telecommunications, Undergraduate Professional Studies
37.	EJ1Z	English Language - Elementary	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies
38.	EJ2Z	English Language – Intermediate	(E20) Computing and Control Engineering, Undergraduate Academic Studies (ES0) Power Software Engineering, Undergraduate Academic Studies (F10) Engineering Animation, Undergraduate Academic Studies (GI0) Geodesy and Geomatics, Undergraduate Academic Studies (SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies (AH0) Architecture, Master Academic Studies
39.	eja	English Language – a Specialized Course	(AH0) Architecture, Master Academic Studies
40.	EJE7	English Language - Advanced	(E10) Power, Electronic and Telecommunication Engineering, Master Academic Studies
41.	F507	English Language for GRID 3	(F00) Graphic Engineering and Design, Master Academic Studies
42.	NIT03	Business English	(NIT) Industrial Engineering - Advanced Engineering Technologies, Master Academic Studies
Representative references (minimum 5, not more than 10)			



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
Representative references (minimum 5, not more than 10)			
1.	Analiza diskursa udžbenika engleskog jezika, Monografija, Zadužbina Andrejević, Beograd 2006.		
2.	Retorička organizacija poslovne vesti, Monografija, Zadužbina Andrejević, Beograd 2009.		
3.	Engleski jezik za GRID 3 - Academic Writing for Graphic Engineering and Design, FTN Izdavaštvo, Novi Sad 2012.		
4.	Using Internet in English Language Teaching, NEW EDUCATIONAL REVIEW, (2011), vol. 26 br. 4, str. 45-59.		
5.	Reflections of English Language Teachers Concerning Computer Assisted Language Learning (Call), NEW EDUCATIONAL REVIEW, (2011), vol. 23 br. 1, str. 269-282.		
6.	Pragmatički aspekt udžbenika engleskog jezika, Pedagogija, 2009, 1, str.133-145.		
7.	Students' Communicative Competence, Zbornik Instituta za pedagoška istraživanja, 2009, 1, str. 180-195.		
8.	Retorička analiza lida poslovne vesti, Zbornik Matice Srpske za filologiju i lingvistiku, 2011, 1, str.191-210.		
9.	Some Aspects of Technical Statements in Power Engineering, Zbornik radova, XI Međunarodni simpozijum Energetska elektronika Ee 2001, str.150-153.		
10.	Genre Analysis of Research Abstract of an Engineering Scientific Paper, In Proceedings of English Language and Literature Studies: Interfaces and Integrations, 10-12 December 2004, Faculty of Philology, Belgrade, pp.365-374.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		20	
Current projects :		Domestic :	0
		International :	1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:		Štulić B. Radovan	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.11.1990	
Scientific or art field:		Geometric Space Theory and Interpretation in Architecture and Urbanism	
Academic career	Year	Institution	Field
Academic title election:	2006	University of Novi Sad - Novi Sad	Geometric Space Theory and Interpretation in Architecture and Urbanism
PhD thesis	1997	Faculty of Architecture - Beograd	Geometric Space Theory and Interpretation in Architecture and Urbanism
Magister thesis	1994	Faculty of Architecture - Beograd	Geometric Space Theory and Interpretation in Architecture and Urbanism
Bachelor's thesis	1990	Faculty of Technical Sciences - Novi Sad	Deformable Body Mechanics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	A102	Descriptive Geometry 2	(A00) Architecture, Undergraduate Academic Studies
2.	A183	Geometry and Visualization of Free Forms	(A00) Architecture, Undergraduate Academic Studies
3.	A555	Perspective	(G10) Geodesy and Geomatics, Undergraduate Academic Studies
4.	AD06	Descriptive Geometry 1	(A00) Architecture, Undergraduate Academic Studies
5.	GG03	Descriptive Geometry	(G00) Civil Engineering, Undergraduate Academic Studies
6.	GI104	Descriptive Geometry in Geomatics	(G10) Geodesy and Geomatics, Undergraduate Academic Studies
7.	S012	Descriptive Geometry and Engineering Drawing	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
8.	Z418	Geometry of Eco-spatial Visualization	(Z20) Environmental Engineering, Undergraduate Academic Studies
9.	IA007	Geometry and Visualization of 3D Space	(F10) Engineering Animation, Undergraduate Academic Studies
10.	IA015	Application of Engineering Animation	(F10) Engineering Animation, Undergraduate Academic Studies
11.	ASO5	Descriptive Geometry with Perspective 1	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
12.	ASO9	Descriptive Geometry with Perspective 2	(AS0) Scenic Architecture, Technique and Design, Undergraduate Academic Studies
13.	A116DS	Modern techniques of the geometric space representation	(A00) Architecture, Specialised Academic Studies (G10) Geodesy and Geomatics, Specialised Academic Studies
14.	A118SB	Geometric theories in architectural structures' generation	(A00) Architecture, Specialised Academic Studies
15.	AD0013	Theory of curves and surfaces	(AD0) Digital Techniques, Design and Production in Architecture and Urban Planning, Master Academic Studies
16.	A116B	Geometric Theories in Architectural Structures' Generation	(A00) Architecture, Doctoral Academic Studies
17.	A116E	Modern techniques of the geometric space representation	(A00) Architecture, Doctoral Academic Studies (AS0) Scenic Design, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Štulić R., Obradović R.: Ideal Shape of a Non-stressed Piston Ring, Agricultural Engineering 1 (1995) 3-4, pp. 78-83.		
2.	Štulić R.: Space Restitution of a Birational Quadratic Transformation, Proceedings of the 8th ASEE International Conference on Engineering Computer Graphics and Descriptive Geometry, Austin Texas, USA, 1998. Vol. 3, pp. 707-711.		
3.	Miljković N., Štulić R., Ercegan G., Jandrić Z.: Computer Aided Evaluation of Total Hip Prosthesis Stability, ISGG ASEE Journal for Geometry and Graphics, Volume 2 (1998), No. 2, pp. 141-149		
4.	Štulić R., Bajkin J., Milojević Z.: Generalisation of Sphere Polarity to Contour Line Determination and Shading of Surfaces of Revolution, Facta Universitatis, Series for Architecture and Civil Engineering, Vol. 2., No.1, 1999., pp. 31-40.		



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6		
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>		
Representative references (minimum 5, not more than 10)			
5.	Štulić R., Jandrić Z., Milojević Z.: Polar Cylinders of Surfaces of Revolution: Contour Line Determination, Journal for Mathematics, Vol. XXIX, NO. 3, (1999), pp. 349-356 .		
6.	Dovniković L., Štulić R.: Uniform Constructions of the Rational 4th Order Parabolas, Zbornik Matice srpske za prirodne nauke (Matica srpska Proceedings for Natural Sciences), No.99, 2000, pp. 5-18.		
7.	Štulić R., Dovniković L.: The Importance of Proper Graphics Education for Engineering Students, Proceedings of the 6th International Symposium, Interdisciplinary Regional Research, Novi Sad, 2002, CDROM 0505		
8.	Štulić R., Sdroulias I.: On Particularities of Space Restituted Birational Quadratic Transformation, Proceedings of the 10th International Conference on Geometry and Graphics, Kiev, Ukraine, 2002, pp.74-78.		
9.	Štulić R., Atanacković J.: Implementation of Computer Technologies In Descriptive Geometry Teaching: Surfaces of Revolution, Facta Universitatis, Vol. 2, No 5, 2003., pp. 379-385.		
10.	Nikolić D., Štulić R., Šiđanin P.: On the Flexibility of Deployable Dome Structures and their Application in Architecture, Proceedings of the 1st International Conference on Architecture & Urban Design. Tirana, Albania, 2012. pp.1053-1062.		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	1
		International :	1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications

Name and last name:		Teofanov Đ. Ljiljana	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		18.12.1995	
Scientific or art field:		Mathematics	
Academic carier	Year	Institution	Field
Academic title election:	2009	Faculty of Technical Sciences - Novi Sad	Mathematics
PhD thesis	2008	Faculty of Sciences - Novi Sad	Mathematical Sciences
Magister thesis	2000	Faculty of Sciences - Novi Sad	Mathematical Sciences
Bachelor's thesis	1994	Faculty of Sciences - Novi Sad	Mathematical Sciences
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	A101	Mathematics	(A00) Architecture, Undergraduate Academic Studies
2.	EE204	Selected Chapters in Mathematics	(MR0) Measurement and Control Engineering, Undergraduate Academic Studies (E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
3.	GG00	Mathematical Methods 1	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GI101	Algebra	(GI0) Geodesy and Geomatics, Undergraduate Academic Studies
5.	IAM001	Mathematical Shape Modeling for Computer Animation	(F10) Engineering Animation, Undergraduate Academic Studies
6.	M102	Mathematics 1	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
7.	M106	Mathematics 2	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
8.	E101A	Discrete Mathematics	(E10) Power, Electronic and Telecommunication Engineering, Undergraduate Academic Studies
9.	IM1523	Discrete Mathematics	(M30) Energy and Process Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
10.	P216	Numerical Analysis	(P00) Production Engineering, Undergraduate Academic Studies
11.	SE0009	Discrete Mathematics	(SE0) Software Engineering and Information Technologies, Undergraduate Academic Studies (SEL) Software Engineering and Information Technologies - Loznica, Undergraduate Academic Studies
12.	DZ01MS	Selected Chapters in Mathematics	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies (Z00) Environmental Engineering, Specialised Academic Studies

		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
<h2 style="text-align: center;">Study Programme Accreditation</h2>					
UNDERGRADUATE ACADEMIC STUDIES				Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
13.	IA022	Numerical Optimization	(F20) Engineering Animation, Master Academic Studies		
14.	D0M48	Numerical Methods for Solving Differential Equations	(OM1) Mathematics in Engineering, Doctoral Academic Studies		
15.	DZ01M	Selected Chapters in Mathematics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies (F20) Engineering Animation, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G10) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies		
Representative references (minimum 5, not more than 10)					
1.	Surla, K., Teofanov, Lj., Uzelac, A Robust Layer-Resolving Spline Collocation Method for a Convection-Diffusion Problem, Applied Mathematics and Computation,(2009), 208(1): 76-89				
2.	Teofanov, Lj., Roos, H. -G, An elliptic singularly perturbed problem with two parameters II: robust finite element solution, J. Comput. Appl. Math. Vol. 212, 2008, 374-389				
3.	Teofanov, Lj., Roos, H. -G, An elliptic singularly perturbed problem with two parameters I: solution decomposition, J. Comput. Appl. Math. Vol. 206, 2007, 1082-1097				
4.	Surla, K., Uzelac, Z., Teofanov, Lj., The discrete minimum principle for quadratic spline discretization of a singularly perturbed problem, Math. Comput. Simul. 2009, Vol. 79, No 8, pp.2490-2505				
5.	Teofanov, Lj., Zarin, H., Superconvergence for two-parameter singularly perturbed problem, BIT Numerical Mathematics, Vol. 49, No. 4, 2009, 743-765				
6.	Vulanović, R., Teofanov, Lj., A uniform numerical method for semilinear reaction-difusion problems with a boundary turning point, Numer. Algor. 54, 2010, 431-444				
7.	Teofanov, Lj., Uzelac, Z., Family of Quadratic Spline Difference Schemes for a Convection-Diffusion Problem, Int. J. Comput. Math., Vol. 84, No. 1, 2007, 33-50				
8.	Surla, K., Uzelac, Z., Teofanov, Lj., On collocation methods for singular perturbation problems of convection-diffusion type, Novi Sad J. Math, Vol. 31, No. 1, 2001, 125-132				
9.	Surla, K., Uzelac, Z., Pavlović, Lj., On collocation methods for singular perturbation problems, Novi Sad J. Math., Vol. 30, No. 3, 2000, 173-183				
10.	Čomić, I., Pavlović, Lj., Funkcije više promenljivih, Fakultet tehničkih nauka, Novi Sad, 2000, 95 str.				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			12		
Total of SCI(SSCI) list papers :			7		
Current projects :			Domestic :	1	International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:	Trivunić R. Milan		
Academic title:	Full Professor		
Name of the institution where the teacher works full time and starting date:	Faculty of Technical Sciences - Novi Sad 22.10.1985		
Scientific or art field:	Organization, Construction Technology and Management		
Academic carier	Year	Institution	Field
Academic title election:	2007	Faculty of Technical Sciences - Novi Sad	Organization, Construction Technology and Management
PhD thesis	1996	Faculty of Technical Sciences - Novi Sad	Organization, Construction Technology and Management
Magister thesis	1992	Faculty of Technical Sciences - Novi Sad	Organization, Construction Technology and Management
Bachelor's thesis	1985	Faculty of Technical Sciences - Novi Sad	Organization, Construction Technology and Management



List of courses being held by the teacher in the accredited study programmes

	ID	Course name	Study programme name, study type
1.	A374	Project and Construction Management 1	(A00) Architecture, Undergraduate Academic Studies
2.	GG31	Technology and Building Organization 1	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GG311	Technology and Building Organization in Hydrotechnics	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GG33	Technology and Building Organization 2	(G00) Civil Engineering, Undergraduate Academic Studies
5.	GG404	Precasting and Assembly Technology	(G00) Civil Engineering, Undergraduate Academic Studies
6.	ZR302A	Safety at work in construction	(Z01) Safety at Work, Undergraduate Academic Studies
7.	ZRI43A	Management of safety at work process in construction	(Z01) Safety at Work, Undergraduate Academic Studies
8.	A394	Project and Building Management 2	(AH0) Architecture, Master Academic Studies
9.	GG506	Professional Practice	(G00) Civil Engineering, Master Academic Studies
10.	GG520	Industrial Methods in Construction	(G00) Civil Engineering, Master Academic Studies
11.	GM501	System Theory and System Analysis	(G00) Civil Engineering, Master Academic Studies
12.	ZP514	Planning and organizing activities during events with catastrophic consequences	(ZP1) Disaster Risk Management and Fire Safety, Master Academic Studies
13.	GD004	Selected Chapters in Construction Management	(G00) Civil Engineering, Doctoral Academic Studies
14.	GD010	Advanced Building Technologies	(G00) Civil Engineering, Doctoral Academic Studies
15.	ZRD237	State and development trends of health and safety at work in the construction	(Z01) Safety at Work, Doctoral Academic Studies

Representative references (minimum 5, not more than 10)



1.	Trivunić, M., Matijević, Z. (2004, 2006): Tehnologija i organizacija građenja. Praktikum, Univerzitet u Novom Sadu, Fakultet tehničkih nauka, Edicija tehničke nauke, br. 96 i br. 126, Novi Sad, str. 1-199.
2.	Vuković, S., Trivunić, M. (1995): "Site management and production analysis of concrete hall assembly". The International Journal of Research, Development and Demonstration "Building Research and Information", Volume 23, Number 1, E. and F.N. Spon, UK, pp. 55-59.
3.	Trivunić, M. (1997): "An Expert System for The Optimization of Prefabricated Concrete Hall Element Assembly". CIB W-24 International Seminar on Industrialization Building: Present State and Future Trends, Haifa, Israel, pp. E-1-E-11.
4.	Trivunić, M. (1999): "PRIMATES-An Expert System For Selecting The Optimal Hall Assembly Method". 16th IAARC/IFAC/IEEE International Symposium on Automation and Robotics in Construction, Madrid, Spain, pp. 173-179.
5.	Trivunić, M., Folić, R. (1999): "Proračun ankera i užadi za zahvatanje montažnih betonskih elemenata". "Izgradnja", br. 53, 6/99, str. 148-157.
6.	Trivunić, M., Dražić, J. (2000): "The optimization of prefabricated concrete hall element production". Međunarodna konferencija "Građevinarstvo-građevinski menadžment 2000" – Nemzetközi konferencia "ÉPÍTŐIPAR – ÉPÍTÉSI MENEDZSMENT 2000", Budapest, pp. 109-116.
7.	Trivunić, M. (2001): "Tehnologija i organizacija nadgradnje zgrada". "Materijali i konstrukcije", br. 1-2, Beograd, str. 56-60.
8.	Matijević, Z., Trivunić, M. (2006): "Adaption of Benchmarking for The Application in The Hybrid method for Improving The Performances of A Company", International Conference VSU"2006, 22 may - 23 may, 2006, Sofia, Bulgaria, Vol II, pp. V-1 - V-6.
9.	Matijević, Z., Trivunić, M. (2006): "Transformation of the Organisational Structure of Construction Companies for the Purpose of Mass Customization", Adaptables2006, TU/e, International Conference On Adaptable Building Structures Eindhoven, The Netherlands, 03-05 July 2006, Volume 1, pp.3-232 - 3-236.



	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6				
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>				
Representative references (minimum 5, not more than 10)					
10.	Trivunić, M. (1997): Assembly management as a part of the construction process. ?Construction Technology - Construction Management ?97? (editors: K.Delević, E.Malešević, Ž.Prašćević, J.Gyulay), Faculty of Civil Engineering Subotica, Faculty of Civil Engineering Beograd, Faculty of Civil Engineering Budapest, Faculty of Architecture Budapest, Subotica, June 3rd-4th 1997, pp.84-91.				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :				0	
Total of SCI(SSCI) list papers :				3	
Current projects :				Domestic :	2 International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:		Uzelac S. Zorica	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.10.1975	
Scientific or art field:		Mathematics	
Academic carieer	Year	Institution	Field
Academic title election:	2000	Faculty of Technical Sciences - Novi Sad	Mathematics
PhD thesis	1989	Faculty of Sciences - Novi Sad	Mathematical Sciences
Magister thesis	1980	Faculty of Mathematics - Beograd	Mathematical Sciences
Bachelor's thesis	1974	Faculty of Sciences - Novi Sad	Mathematical Sciences
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG00	Mathematical Methods 1	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG05	Mathematical Methods 2	(G00) Civil Engineering, Undergraduate Academic Studies
3.	II1052	Mathematics 2	(I10) Industrial Engineering, Undergraduate Academic Studies
4.	IM1002	Mathematics 1	(I10) Industrial Engineering, Undergraduate Academic Studies (I20) Engineering Management, Undergraduate Academic Studies
5.	IM1006	Mathematics 2	(I20) Engineering Management, Undergraduate Academic Studies
6.	IM1120	Knowledge management	(I20) Engineering Management, Undergraduate Academic Studies
7.	OM518	Numerical Solutions of Differential Equations	(OM1) Mathematics in Engineering, Master Academic Studies
8.	OML518	Numerical Solution of Differential Equations	(OM1) Mathematics in Engineering, Master Academic Studies
9.	DZ01MS	Selected Chapters in Mathematics	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies (Z00) Environmental Engineering, Specialised Academic Studies
10.	HR013	Knowledge Economy	(I20) Engineering Management, Specialised Professional Studies (IB0) Engineering Management - MBA, Specialised Professional Studies
11.	MBA309	Human Resource Management in Knowledge Economy	(IB0) Engineering Management - MBA, Specialised Professional Studies
12.	OIR010	Mathematics for Business and Finance	(I20) Engineering Management, Specialised Professional Studies
13.	IA022	Numerical Optimization	(F20) Engineering Animation, Master Academic Studies
14.	D0M16	Differential Equations	(OM1) Mathematics in Engineering, Doctoral Academic Studies
15.	D0M18	Numerical Analysis	(OM1) Mathematics in Engineering, Doctoral Academic Studies
16.	DM322	Numeric Methods in Power Machines and Plants	(M00) Mechanical Engineering, Doctoral Academic Studies

		UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
<h2 style="text-align: center;">Study Programme Accreditation</h2>					
UNDERGRADUATE ACADEMIC STUDIES				Civil Engineering	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name	Study programme name, study type		
17.	DZ01M	Selected Chapters in Mathematics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies (F20) Engineering Animation, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (GI0) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies		
Representative references (minimum 5, not more than 10)					
1.	Surla K., Teofanov Lj., Uzelac Z.: A robust layer-resolving spline collocation method for a convection-diffusion problem, Applied Mathematics and Computation, 2009, Vol. 208, No 1, pp. 76-89, ISSN 0096-3003				
2.	Surla K., Uzelac Z., Teofanov Lj.: The discrete minimum principle for quadratic spline discretization of a singularly perturbed problem, Math. Comput. Simul, 2009, Vol. 79, No 8, pp. 2490-2505, ISSN 0378-4754				
3.	Surla K., Uzelac Z., Some uniformly convergent spline difference schemes for singularly perturbed boundary value problems, IMA J. Numer. Anal.10(1990) 209-222				
4.	Sekulić, D., Edeskuty, F.J., Uzelac, Z., Heat Transfer Through a High Temperature Superconducting Current Lead at Criogenic temperatures, Int.J. Heat Mass Transfer, Vol. 40, No 16, 1997, 3917-3926,				
5.	Uzelac, Z., Surla, K., Discretization of the Semilinear Singularly Perturbed Problem, Nonlinear Analysis: Theory, Methods and Applications, Vol.30, No.8, (1997), 4741-4747				
6.	Sekulic, D., Uzelac, Z., Edeskuty, F., J., Entropy generation in a high temperaturesuperconducting current lead, Cryogenics, Vol 32(1992) 1154-1161				
7.	Cvetičanin, L., Uzelac, Z., Longitudinal Vibration of Rod with Non-Linear Constitutive Equation, Journal of Vibration and Control,5, (1999), 827-849				
8.	Teofanov, Lj., Uzelac, Z., Family of Quadratic Spline Difference Schemes for a Convection-Diffusion Problem, International Journal of Computer Mathematics, Vol. 84, No. 1, 2007, 33-50				
9.	Z. Uzelac, L. Nešić, D. Hristić, A Contribution to Research the Characteristics of Women Managers and a New Style of Leadership, Proceedings of IC-Congress, Haarlem, The Netherlands, 3-4. May 2007				
10.	Dj. Ćelić, Z. Uzelac, Vrednosne mreže, Zborniki radova XIII Medjunarodna konferencija industrijski sistemi-IS05, Herceg Novi, 07-09. septembar, 2005, 921-931				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			52		
Total of SCI(SSCI) list papers :			26		
Current projects :			Domestic :	1	International : 0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	



Science, arts and professional qualifications

Name and last name:		Uzelac D. Đorđe	
Academic title:		Full Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad 01.10.1999	
Scientific or art field:		Traffic Paths	
Academic career	Year	Institution	Field
Academic title election:	2004	Faculty of Technical Sciences - Novi Sad	Traffic Paths
PhD thesis	2000	Faculty of Civil Engineering - Beograd	Traffic Paths
Magister thesis	1987	Faculty of Civil Engineering - Beograd	Traffic Paths
Bachelor's thesis	1974	Faculty of Civil Engineering - Beograd	Traffic Paths
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG20	Road and Traffic Networks	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GP401	Information System Aided Structure Management	(G00) Civil Engineering, Undergraduate Academic Studies
3.	GP402	Road Structures	(G00) Civil Engineering, Undergraduate Academic Studies
4.	GP403	Selected Chapters in Road Design	(G00) Civil Engineering, Undergraduate Academic Studies
5.	S0326	Roads and Junctions	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies
6.	GP502	Bridge Management	(G00) Civil Engineering, Master Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Formiranje relacije baze podataka pomoću INFORMIX-SQL RDBMS, IMS Institut, Beograd, 1992. (181 strana).		
2.	Teza: "Razvoj optimalnog sistema za formiranje baze podataka o mreži puteva", Građevinski fakultet, Beograd, 1993.		
3.	Toplotni režim i njegov uticaj na mehaničko ponašanje materijala u kolovoznoj konstrukciji		
4.	Uzelac Đ. i saradnici: Baza podataka o mostovima, Uputstvo za rad. Fakultet tehničkih nauka, Novi Sad i Direkcija za puteve Republike Srbije, Beograd, oktobar 2003		
5.	Uzelac D.J.: Structures and Buildings maintenance management concept with example of bridges on national road network. 9TH National and 3RD International scientific meeting ""INDIS 2003"", Proceedings, University of Novi Sad in cooperation with Yugoslav Engineering Academy, Novi Sad, Novembar 2003, str. 395-406.		
6.	Uzelac Đ.: Baze podataka o putevima, mostovima i saobraćaju u okviru integrisanog informacionog sistema o putnoj mreži, Građevinski kalendar 1999. (str. 169-232), Savez građevinskih inženjera i tehničara Jugoslavije, Beograd, novembar 1998.		
7.	Uzelac Đ.: Seminar - Upravljanje putevima i sistemi upravljanja, poglavlje II: Informacioni sistem za puteve (strane 32 - 55 (strane 80 - 96), "Srbijaput", mart 1992.godine.		
8.	Babić B., Uzelac Đ. i grupa autora: Generalni izveštaj za XIX Svetski kongres za puteve, Jugoslovenski nacionalni izveštaj po "Temi II - Gradjenje i održavanje puteva", (str. 579-596), Marakeš, Maroko, septembar 1991. Đorđe Uzelac je autor odeljka "Analysis of the increased axle load impact on pavement structures".		
9.	Metode za obradu podataka izmerenih deflektografom "Lacroix", "Put i saobraćaj", 7-8/1980, (str. 37-43), Beograd		
10.	Problem utvrđivanja stanja kolovoznih konstrukcija i njihovog prilagođavanja saobraćaju, "Put i saobraćaj", 3-4/1985 (str. 10-15), Beograd		
Summary data for teacher's scientific or art and professional activity:			
Quotation total :		0	
Total of SCI(SSCI) list papers :		0	
Current projects :		Domestic :	International :
		1	0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	



Science, arts and professional qualifications



Name and last name:			Vasić V. Milinko		
Academic title:			Full Professor		
Name of the institution where the teacher works full time and starting date:			Faculty of Technical Sciences - Novi Sad		
			15.03.1976		
Scientific or art field:			Geotechnics		
Academic carieer	Year	Institution		Field	
Academic title election:	2007	Faculty of Technical Sciences - Novi Sad		Geotechnics	
PhD thesis	1993	Faculty of Mining and Geology - Beograd		Geotechnics	
Magister thesis	1983	Faculty of Mining and Geology - Beograd		Geotechnics	
Bachelor's thesis	1975	Faculty of Mining and Geology - Beograd		Geotechnics	
List of courses being held by the teacher in the accredited study programmes					
	ID	Course name		Study programme name, study type	
1.	GG01	Engineering Geology		(G00) Civil Engineering, Undergraduate Academic Studies	
2.	GI102	Fundamentals in Geosciences		(GI0) Geodesy and Geomatics, Undergraduate Academic Studies	
3.	GP404	Geotechnics		(G00) Civil Engineering, Undergraduate Academic Studies	
4.	URZP18	Stability of terrain		(ZP0) Disaster Risk Management and Fire Safety, Undergraduate Academic Studies	
5.	GP504	Tunnels		(G00) Civil Engineering, Master Academic Studies	
6.	MPK017	Fundamentals of Geosciences		(MPK) Inženjerstvo tretmana i zaštite voda - TEMPUS(uneti naziv na engleskom), Master Academic Studies	
7.	DGI020	Selected chapters in geodynamics		(GI0) Geodesy and Geomatics, Doctoral Academic Studies	
Representative references (minimum 5, not more than 10)					
1.	Vasić M. Inženjerska geologija, udžbenik, FTN, 2002, 305str.				
2.	Vasić M.Geotehničke klasifikacije stenskih masa za podzemne objekte, Monografija, FTN, 2007, 180str.				
3.	P. Lokin., N.Pavlović., M.Petričević., M.Vasić : Primeri istraživanja klizišta u području Tuzle, naučno-stručni časopis Rudarstvo br17-18-Istraživanje i sanacija klizišta, str. 92-102., Tuzla, 2000.				
4.	P.Lokin, M.Vasić., M.Petričević, M., Z. Janošev: On the disturbance and protection of the geological medium in natural parks with special reference to Fruška Gora, eighth Internacional Congress International Association for Engineering Geology and the Environment, str. 2659-2666, Vancouver, Canada, 1998.				
5.	Lokin,P., Vasić,M., Saković,S., Petričević,M.: Landslide along the Danube bank at Novi Sad, Yugoslavia, 7. international symposium on landslide, str.803-808, Trondheim, Norway, 1996.				
6.	Vasić,M., Vasić,S: Klasifikovanje stenskih masa za podzemne objekte primenom računarskog programa KLASA IPO-96, Medjunarodna konferencija-Pravci razvoja geotehnike, str. 414-423, Beograd, 1996.				
7.	Đogo, M., Vasić, M., (2011): Landslide in the area of the bridge on the Danube in Novi Sad. Proceedings of the ICE - Geotechnical Engineering, Volume 164, Issue 1, pp. 3-10, Thomas Telford, London. ISSN: 1353-2618, E-ISSN: 1751-8563, DOI: 10.1680/geng.2011.164.1.3				
8.	Đogo, M., Vasić, M., Čosić, M., (2011): Engineering geological evaluation of the conditions for constructing a bridge and a tunnel in the zone of the old Petrovaradin Fortress. Bulletin of Engineering Geology & the Environment, Volume 70, Number 1, pp. 139-142, Springer, Berlin. ISSN: 1435-9529, E-ISSN: 1435-9537, DOI: 10.1007/s10064-010-0292-0				
9.	Vasić, M., Đogo, M., (2012): Settlement of the Fabus building due to the infiltration of water into the loess soil. GNP 2012. 4 internacionalni naučno-stručni skup Građevinarstvo-nauka i praksa, Zbornik radova, pp. 1231-1236, Žabljak.				
10.	Đogo, M., Vasić, M., (2012): Geotechnical investigations for the oil Refinery in Novi Sad, Serbia. 11th Australia - New Zealand Conference on Geomechanics, ANZ 2012 Conference Proceedings, pp. 1118-1122, Melbourne.				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :			3		
Total of SCI(SSCI) list papers :			2		
Current projects :			Domestic :	2	International :
					0

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications



Name and last name:		Vučinić-Vasić T. Milica	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		15.04.2000	
Scientific or art field:		Physics	
Academic career	Year	Institution	Field
Academic title election:	2007	Faculty of Technical Sciences - Novi Sad	Physics
PhD thesis	2007	Faculty of Sciences - Novi Sad	Physics
Magister thesis	2000	Faculty of Sciences - Novi Sad	Physics
Bachelor's thesis	1996	Faculty of Sciences - Novi Sad	Physics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	F102	Physics	(F00) Graphic Engineering and Design, Undergraduate Academic Studies
2.	GG06	Civil Engineering Physics	(G00) Civil Engineering, Undergraduate Academic Studies
3.	S014	Physics	(S00) Traffic and Transport Engineering, Undergraduate Academic Studies (S01) Postal Traffic and Telecommunications, Undergraduate Academic Studies
4.	DZ01FS	Selected Chapters in Physics	(E11) Power, Electronic and Telecommunication Engineering, Specialised Academic Studies (I12) Industrial Engineering, Specialised Academic Studies (I22) Engineering Management, Specialised Academic Studies (Z00) Environmental Engineering, Specialised Academic Studies
5.	DZ01F	Selected Chapters in Physics	(E10) Power, Electronic and Telecommunication Engineering, Doctoral Academic Studies (E20) Computing and Control Engineering, Doctoral Academic Studies (F00) Graphic Engineering and Design, Doctoral Academic Studies (G00) Civil Engineering, Doctoral Academic Studies (G10) Geodesy and Geomatics, Doctoral Academic Studies (H00) Mechatronics, Doctoral Academic Studies (I20) Industrial Engineering / Engineering Management, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (OM1) Mathematics in Engineering, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies (Z00) Environmental Engineering, Doctoral Academic Studies (Z01) Safety at Work, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	Milica Vučinić-Vasić, Divko Čirić, Tatjana Škrbić, Miroljub Đurić, Zbirka zadataka iz fizike, FTN Izdavaštvo, Novi Sad 2005.		
2.	Ljuba Budinski-Petković, Milica Vučinić, Dušan Ilić, Praktikum eksperimentalnih vežbi iz fizike – odsek za računarstvo i automatiku, S PRINT, Novi Sad, 2003		
3.	Ljuba Budinski-Petković, Milica Vučinić-Vasić, Dušan Ilić, Praktikum eksperimentalnih vežbi iz fizike – odsek za mašinstvo – odsek za grafičko inženjerstvo – odsek za mehatroniku, Delta press, Novi Sad, 2003.		
4.	Vučinić-Vasić M.: Exchange-Bias and Grain-Surface Relaxations in Nanostructured NiO/Ni Induced by a Particle Size Reduction, Journal of Physical Chemistry C, 2012, Vol. 116, pp. 4356-4364, ISSN 1932-7447		

		UNIVERSITY OF NOVI SAD			
		FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
		Study Programme Accreditation			
		UNDERGRADUATE ACADEMIC STUDIES		Civil Engineering	
Representative references (minimum 5, not more than 10)					
5.	Vučinić-Vasić M., Mihailović A., Kozmidis-Luburić U., Nemeš T., Ninkov J., Zeremski T., Antić B.: Metal contamination of short-term snow cover near urban crossroads: Correlation analysis of metal content and fine particles distribution, Chemosphere, 2012, Vol. 6, No 86, pp. 585-592				
6.	Kremenović A., Jančar B., Ristić M., Vučinić-Vasić M., Rogan J., Pacevski A., Antić B.: Exchange-Bias and Grain-Surface Relaxations in Nanostructured NiO/Ni Induced by a Particle Size Reduction, Journal of Physical Chemistry C, 2012, Vol. 116, pp. 4356-4364, ISSN 1932-7447				
7.	Antić B., Kremenović A., Vučinić-Vasić M., Dohčević-Mitrović Z., Nikoloć A., Gruden-Pavlović M., Jančar B., Meden A.: Composition related properties of (Yb,Y)(2)O-3 nanoparticles synthesized by controlled thermal degradation of AA complexes, Materials chemistry and physics, 2010, Vol. 122, No 2-3, pp. 386-391, ISSN 0254-0584				
8.	Antić B., Rogan J., Kremenović A., Nikoloć A., Vučinić-Vasić M., Božanić D., Goya G., Colomban P.: Optimization of photoluminescence of Y2O3:Eu and Gd2O3:Eu phosphors synthesized by thermolysis of 2,4-pentanedione complexes, NANOTECHNOLOGY, 2010, Vol. 21, No 24, pp. 2457-2457, ISSN 0957-4484				
9.	Jović N., Vučinić-Vasić M., Kremenović A., Antić B., Jovalekić Č., Vulić P., Kahlenberg V., Kaindl R.: HEBM synthesis of nanocrystalline LiZn0.5Ti1.5O4 spinel and thermally induced order-disorder phase transition (P4332-Fd3m), Materials chemistry and physics, 2009, No 2-3, pp. 542-549, ISSN 0254-0584				
10.	Vučinić-Vasić M., Antić B., Blanuša J., Rakić S., Kremenović A., Nikolić A., Kapor A.: Formation of nanosize Li-ferrites from acetylacetonato complexes and their crystal structure, microstructure and order-disorder phase transition, Applied Physics A, 2006, Vol. 82, No 1, pp. 49-54, ISSN 0947-8396				
Summary data for teacher's scientific or art and professional activity:					
Quotation total :		53			
Total of SCI(SSCI) list papers :		17			
Current projects :		Domestic :		2	International : 1

	<p style="text-align: center;">UNIVERSITY OF NOVI SAD</p> <p style="text-align: center;">FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6</p> <p style="text-align: center;">Study Programme Accreditation</p> <p style="text-align: center;">UNDERGRADUATE ACADEMIC STUDIES</p>	
	Civil Engineering	

Science, arts and professional qualifications

Name and last name:		Žigić M. Miodrag	
Academic title:		Assistant Professor	
Name of the institution where the teacher works full time and starting date:		Faculty of Technical Sciences - Novi Sad	
		01.10.2007	
Scientific or art field:		Mechanics	
Academic career	Year	Institution	Field
Academic title election:	2012	Faculty of Technical Sciences - Novi Sad	Mechanics
PhD thesis	2012	Faculty of Technical Sciences - Novi Sad	Mechanics
Magister thesis	2008	Faculty of Technical Sciences - Novi Sad	Mechanics
Bachelor's thesis	2004	Faculty of Technical Sciences - Novi Sad	Mechanics
List of courses being held by the teacher in the accredited study programmes			
	ID	Course name	Study programme name, study type
1.	GG15	Strength of Materials	(G00) Civil Engineering, Undergraduate Academic Studies
2.	GG410	Selected Chapters in the Theory of Elasticity	(G00) Civil Engineering, Undergraduate Academic Studies
3.	H112	Mechanics 1 – Fundamentals	(H00) Mechatronics, Undergraduate Academic Studies (S00) Traffic and Transport Engineering, Undergraduate Academic Studies
4.	H201	Mechanics 2 - General	(H00) Mechatronics, Undergraduate Academic Studies
5.	H202	Strength of materials	(H00) Mechatronics, Undergraduate Academic Studies
6.	H303	Mechatronics 3 – Further Chapters	(H00) Mechatronics, Undergraduate Academic Studies
7.	M204	Strength of Materials	(M20) Mechanization and Construction Engineering, Undergraduate Academic Studies (M30) Energy and Process Engineering, Undergraduate Academic Studies (M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies (P00) Production Engineering, Undergraduate Academic Studies
8.	M4302	Biomechanics and mechanics of sport	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
9.	M4306	Similarity and dimensional methods	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
10.	BM1128	Continuum Biomechanics	(BM0) Biomedical Engineering, Undergraduate Academic Studies
11.	II1004	Mechanics and Industrial Engineering	(I10) Industrial Engineering, Undergraduate Academic Studies
12.	M44061	Optimization of mechanical systems	(M40) Technical Mechanics and Technical Design, Undergraduate Academic Studies
13.	M4504	Thermal Elasticity	(M40) Technical Mechanics and Technical Design, Master Academic Studies
14.	BMIM4A	Transport phenomena and Living systems	(BM0) Biomedical Engineering, Master Academic Studies
15.	M45991	Biomechanics of cardiovascular system	(M40) Technical Mechanics and Technical Design, Master Academic Studies
16.	SZD051	Applications of optimal control theory in living environment protection	(Z00) Environmental Engineering, Specialised Academic Studies
17.	DM801	Biomedical mechanics	(M40) Technical Mechanics, Doctoral Academic Studies
18.	DTM02	Theory of impact	(H00) Mechatronics, Doctoral Academic Studies (M00) Mechanical Engineering, Doctoral Academic Studies (M40) Technical Mechanics, Doctoral Academic Studies (S00) Traffic Engineering, Doctoral Academic Studies
19.	DTM03	Biomechanical models and analysis of impact	(M40) Technical Mechanics, Doctoral Academic Studies
20.	ZRD16A	Selected chapters in mechanics and elasticity theory	(Z01) Safety at Work, Doctoral Academic Studies
Representative references (minimum 5, not more than 10)			
1.	N. M. Grahovac, M. M. Zigic: Modelling of the hamstring muscle group by use of fractional derivatives, Computers and Mathematics with applications, Vol. 59, Issue 5 (2010), 1695-1700.		

	UNIVERSITY OF NOVI SAD FACULTY OF TECHNICAL SCIENCES 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 6			
	<h2 style="text-align: center;">Study Programme Accreditation</h2> <div style="display: flex; justify-content: space-between;"> UNDERGRADUATE ACADEMIC STUDIES Civil Engineering </div>			
Representative references (minimum 5, not more than 10)				
2.	N. Grahovac., M. Žigić, D. Spasić, On impact scripts with both fractional and dry friction type of dissipation, International Journal of Bifurcation and Chaos, Vol. 22, No 4 (2012), 1250076 (10 pages).			
3.	N. M. Grahovac, M. M. Zigić, and D. T. Spasić: On multiple impacts with fractional type of dissipation, 1st International Congress of Serbian Society of Mechanics, Beograd: Serbian Society of Mechanics, 10-13 April, 2007, str. 173- 180, UDK: 531/534(082), ISBN 978-86-909973-0-5.			
4.	M. M. Žigić, N. M. Grahovac and D. T. Spasić: A simplified earthquake dynamics of a column like structure with fractional type of dissipation, 1st International Congress of Serbian Society of Mechanics, Beograd: Serbian Society of Mechanics, 10-13 April, 2007, str. 165- 172, UDK: 531/534(082), ISBN 978-86-909973-0-5.			
5.	Grahovac N., Žigić M: Fractional derivative viscoelastic model of the hamstring muscle group, 3rd IFAC Workshop on Fractional Differentiation and its Applications, Ankara, Turkey: 05-07 november, 2008.			
6.	M. M. Zigić, Viscoelastic response of the human hamstring muscle during a ramp-and-hold type of experiment, 2nd International Congress of Serbian Society of Mechanics, Palic: Serbian Society of Mechanics, 01-05 June, 2009, str. 165-173, UDK: 531/534(082), ISBN 978-86-7892-173-5.			
7.	Grahovac N., Žigić M., Spasić D.: On impact scripts with both fractional and dry friction type of dissipation, 4. IFAC Workshop on Fractional Differentiation and Its Applications, Badajoz, 18-20 Oktobar, 2010			
8.	Žigić M., Grahovac N.: Dynamical behavior of a polymer gel during impact. Fractional derivative viscoelastic model, 3. International Congress of Serbian Society of Mechanics, Vlasinsko jezero, 5-8 Jul, 2011, pp. 871-878, ISBN 978-86-909973-3-6, UDK: 531/534(082)			
9.	Bačlić B., Žigić M., Phase spaces of rheonomic energy-like conservation laws, 25th Yugoslav Congress on Theoretical and Applied Mechanics, 1-3 June, 2005.			
10.	Kovinčić N., Žigić M., Grahovac N., Spasić D.: On Impact in Biomechanical Systems, International scientific conference on mechanics, 6. International Scientific Conference on Mechanics - Sixth Polyakhov's Reading, Saint Petersburg, 31-3 Januar, 2012, pp. 251-251, ISBN 978-5-91563-101-3			
Summary data for teacher's scientific or art and professional activity:				
Quotation total :	5			
Total of SCI(SSCI) list papers :	2			
Current projects :	Domestic :	1	International :	0



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Civil Engineering

Standard 10. Organizational and Material Resources

To perform a study programme, the adequate human, spatial, technical and technological, library and other resources suitable to the study programme features and predicted students' number are to be provided. Teaching at the study programme Civil Engineering is performed in 2 shifts so each student is provided with a minimum of 2 m² of space.

Lectures are held in amphitheatres, classrooms and specialized laboratories. The library possesses more than 100 library units relevant for the performance of the study programme in Civil Engineering. All courses from the study programme Civil Engineering have adequate textbooks, devices and supplementary equipment available on time and in a satisfactory number for the normal teaching process. There is also adequate information support.

Faculty has the library and the study room and provides a seat for each student in amphitheatres, classrooms and laboratories.



Study Programme Accreditation

UNDERGRADUATE ACADEMIC STUDIES

Civil Engineering

Standard 11. Quality Control

Estimation of the study programme quality is elaborated regularly and systematically via self-evaluation and external quality control. One should place an emphasis on the multi-decade practice of students' surveys.

The quality control process is conducted through:

- end of the term students survey for each course
- survey of the graduating students at the graduation regarding the quality of the study programme and the logistic support. In addition, the conditions for studying (classroom tidiness and neatness, etc...) are also evaluated.
- survey of the students at the end of the school year. At this point the students evaluate logistics support.
- survey of the student when enrolling a new school year. Here the students evaluate the study program at the year which they have previously completed.
- survey of the teaching and non-teaching staff on the quality of the study programme and its logistic support. Here the work of the Dean's office, registrar's office, library, and other services at the Faculty is evaluated. In addition, the conditions for studying (classroom tidiness and neatness, etc...) are also evaluated.

To monitor the quality of the study programme, there is also a committee with all heads of all Departments participating in the realization of the study programme, together with a student from each study group.



Study Programme Accreditation
UNDERGRADUATE ACADEMIC STUDIES Civil Engineering

Standard 12. Distance Education

Distance learning is not provided for.