

Study plan

Name of study plan: Navazující Krajiná ská architektura

Faculty/Institute/Others:

Department:

Branch of study guaranteed by the department: Welcome page

Garantor of the study branch:

Program of study: Landscape Architecture

Type of study: Follow-up master full-time

Required credits: 120

Elective courses credits: 0

Sum of credits in the plan: 120

Note on the plan:

Name of the block: Compulsory courses

Minimal number of credits of the block: 98

The role of the block: Z

Code of the group: ATELIÉRY NKA

Name of the group: Ateliérová tvorba navazující KA

Requirement credits in the group: In this group you have to gain 70 credits

Requirement courses in the group: In this group you have to complete 5 courses

Credits in the group: 70

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
520AT4	Studio 4 Ivan Plicka, Tomáš Sklená, Zuzana Be vá ová, Jitka Trevisan, Klára Salzmann, Ji í Kloko ka, Adéla Chmelová, Karin Grohmannová, Klára Concepcion, Jitka Trevisan (Gar.)	KZ	13	0P+8C		z
520AT5K	Studio 5 Ivan Plicka, Zuzana Be vá ová, Jitka Trevisan, Klára Salzmann, Ji í Kloko ka, Adéla Chmelová, Karin Grohmannová, Klára Concepcion, Vladimír Sitta, Klára Concepcion (Gar.)	KZ	13	0P+8C		z
520AT6	Studio 6 Tomáš Sklená, Zuzana Be vá ová, Jitka Trevisan, Klára Salzmann, Ji í Kloko ka, Adéla Chmelová, Karin Grohmannová, Klára Concepcion, Vladimír Sitta, Radmila Fingerová (Gar.)	KZ	14	0P+8C		z
520DP	Diploma Project Tomáš Sklená, Zuzana Be vá ová, Jitka Trevisan, Klára Salzmann, Adéla Chmelová, Karin Grohmannová, Klára Concepcion, Vladimír Sitta, Till Rehwaldt, Klára Concepcion (Gar.)	Z	28	0P+28C		z
520DSN	Diploma Seminar Tomáš Sklená, Zuzana Be vá ová, Jitka Trevisan, Klára Salzmann, Adéla Chmelová, Karin Grohmannová, Klára Concepcion, Vladimír Sitta, Till Rehwaldt, Jitka Trevisan (Gar.)	KZ	2	0P+2C		z

Characteristics of the courses of this group of Study Plan: Code=ATELIÉRY NKA Name=Ateliérová tvorba navazující KA

520AT4	Studio 4	KZ	13
520AT5K	Studio 5	KZ	13
520AT6	Studio 6	KZ	14
520DP	Diploma Project	Z	28
520DSN	Diploma Seminar	KZ	2

Code of the group: POVINNÉ NKA

Name of the group: Povinné navazující KA

Requirement credits in the group: In this group you have to gain 28 credits

Requirement courses in the group: In this group you have to complete 12 courses

Credits in the group: 28

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
521EKL1K	Ecology I <i>Petr Klápšt , Petr Skleni ka Petr Klápšt Petr Klápšt (Gar.)</i>	ZK	2	2P+0C	L	z
520KA4	Landscape Architecture IV <i>Ivan Plicka Ivan Plicka (Gar.)</i>	ZK	2	2P+0C	L	z
520KA5	Landscape Architecture V <i>Romana Michalková, Markéta Svobodová Romana Michalková (Gar.)</i>	KZ	2	0P+2C	Z	z
514KK1	<i>Klára Salzmann, Václav Fanta, Markéta Šantr ková, Milena Hauserová Milena Hauserová (Gar.)</i>	Z,ZK	3	2P+1C	Z	z
519U4K	Urban Design <i>Jana Zdráhalová, Jan Jehlík, Lenka Burgerová, Sára Šálková Roeselová Jan Jehlík Lenka Burgerová (Gar.)</i>	Z,ZK	3	2P+1C	Z	z
520PRK1	Regional and Landscape planning I <i>Klára Salzmann, Eva Jeníková, Alena Smr ková Klára Salzmann (Gar.)</i>	KZ	2	2P+0C	Z	z
521PRK2K	Regional and Landscape planning II <i>Jan Vozáb Jan Vozáb Jan Vozáb (Gar.)</i>	KZ	2	2P+0C	L	z
524PK	Law <i>Ji í Plos, Daniela Bošová Daniela Bošová Ji í Plos (Gar.)</i>	ZK	2	2P+0C	L	z
520PAMK	<i>Daniela Bošová, Jakub Hepp, Aleš Dittert, Dana M š anová, Václav Tatýrek Dana M š anová (Gar.)</i>	Z,ZK	2	1P+1C	Z	z
524PRES3K	3 <i>Daniela Bošová, Dana M š anová, Václav Tatýrek, Karel Maier, Vít ezá , Jan Bittner Dana M š anová Dana M š anová (Gar.)</i>	Z,ZK	3	2P+1C	L	z
513TEK	Theory of Landscape Architecture <i>Jana Tichá Jana Tichá (Gar.)</i>	ZK	2	2P+0C	L	z
521UP1K	Urban Planning <i>Petr Klápšt , Karel Maier, Vít ezá , Jan Bittner, Jakub Vorel, Veronika Šindlerová Jakub Vorel Karel Maier (Gar.)</i>	Z,ZK	3	2P+1C	Z	z

Characteristics of the courses of this group of Study Plan: Code=POVINNÉ NKA Name=Povinné navazující KA

521EKL1K	Ecology I	ZK	2
520KA4	Landscape Architecture IV	ZK	2
520KA5	Landscape Architecture V	KZ	2
514KK1		Z,ZK	3
519U4K	Urban Design	Z,ZK	3
During the seminars students can verify their abilities to design chosen urban areas. The related excursions became an important part of the teaching process.			
520PRK1	Regional and Landscape planning I	KZ	2
521PRK2K	Regional and Landscape planning II	KZ	2
524PK	Law	ZK	2
Introduction to system of law - brief historical explanation of construction law and professional conduct; professional conduct in Czech republic and EU - comparative explanation; , construction law, land use planning, city (town) planning, structure planning, local and regional planning, building permit, urban issues; , administartive law and decision making, environment and sustainable development; green building and new technologies; care of nature and landscape (town and country), forest protection, soil protection, water protection, atmosphere protection, care of historical monuments and conservation; public health protection and safety; , infrastructure: transportation / traffic; railways; civil aviation; shipping traffic; energetics - energy efficiency etc.; , copyright, registration and licensing; professional conduct; procurement of architectural services; professional standards for planning and design build; professional contracts; procurement and competitions (architectural, urban and landscape)			
520PAMK		Z,ZK	2
524PRES3K	3	Z,ZK	3
Investment, evaluation of an investment opportunity, calculation of efficiency of architectural project. Economics and development of a region, real estate market, governmental investments.			
513TEK	Theory of Landscape Architecture	ZK	2
521UP1K	Urban Planning	Z,ZK	3
Principles of spatial planning as a conscious influence of changes in the territory. Planning history and the role of planning in a democratic society. Getting to know stakeholders in the planning process and the types of planning tools, the process of their creation, approval and use and relationships and linkages that influence the regional development.			

Name of the block: Elective courses

Minimal number of credits of the block: 22

The role of the block: V

Code of the group: VOLITELNÉ NKA

Name of the group: Volitelné navazující NKA

Requirement credits in the group: In this group you have to gain at least 22 credits

Requirement courses in the group:

Credits in the group: 22

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (Gar.)</i>	Completion	Credits	Scope	Semester	Role
521UP2K	Planning analyses <i>Petr Klápšt Petr Klápšt Petr Klápšt (Gar.)</i>	KZ	2	1P+1C	L	v
520ATV	Studio-Elective Course <i>Tomáš Sklenář, Zuzana Beváová, Jitka Trevisan, Klára Salzmänn, Adéla Chmelová, Karin Grohmannová, Klára Concepcion, Vladimír Sitta, Till Rehwaldt, Klára Concepcion (Gar.)</i>	KZ	4	0P+4C	L,Z	v
516CAD4	Computer Aided Design IV <i>Lucie Mizerová, Jiří Skáčilík, Adam Preisler, Dana Matějovská, Ivana Vinšová, Petr Irínkov, Michal Jiráť, Šimon Prokop, Dušan Uruba Dana Matějovská (Gar.)</i>	KZ	2	0P+2C	L	v
513DAT7	History and Theory of Architecture VII <i>Jana Tichá Jana Tichá (Gar.)</i>	ZK	2	2P+0C	L	v
513DAT8	History and Theory of Architecture VIII <i>Jiří Tourek Jana Tichá (Gar.)</i>	KZ	2	0P+2C	Z	v
513DU3K	History of Art III <i>Jana Tichá Hubert Kamil Guzik (Gar.)</i>	KZ	2	2P+0C	L	v
521EKL2K	Ecology II <i>Petr Klápšt Petr Klápšt Petr Klápšt (Gar.)</i>	KZ	2	2P+0C	Z	v
513FSP4	Philosophy, Sociology and Psychology IV <i>Vladan Klement Vladan Klement Petr Vorlík (Gar.)</i>	KZ	2	0P+2C	Z	v
513FSP5	Philosophy, Sociology and Psychology V <i>Tomáš Ho ení Samec Tomáš Ho ení Samec Tomáš Ho ení Samec (Gar.)</i>	KZ	2	0P+2C	L	v
514KK2	<i>Klára Salzmänn, Václav Fanta, Markéta Šantrková, Milena Hauserová, Klára Fantová Klára Salzmänn (Gar.)</i>	ZK	2	2P+0C	L	v
519U5K	Methods <i>Jana Zdráhalová, Lukáš Kopp Jana Zdráhalová (Gar.)</i>	KZ	2	1P+1C	L	v
518NS6N	Ensembles and Big Buildings <i>Zbyšek Stýblo, Patrik Kotas, David Belko, Karel Foťt, Arnošt Navrátil, Michal Kohout, Michal Juha Michal Kohout Michal Kohout (Gar.)</i>	ZK	2	2P+0C	Z	v
518NS7	Communication and Design Strategies <i>Michal Kohout, Editá Lisecová, Roman Koucký Editá Lisecová Roman Koucký (Gar.)</i>	KZ	2	2P+0C	Z	v
520PRK3	Regional and Landscape planning III <i>Klára Salzmänn, Eva Jeníková Klára Salzmänn (Gar.)</i>	Z,ZK	2	1P+1C	L	v
523PS8K	Failures and Reconstruction of Buildings <i>Luboš Kán, Petr Ján, Marek Novotný Luboš Kán Petr Ján (Gar.)</i>	KZ	2	2P+0C	Z	v
519U7K	Urbanistic Composition II <i>Tomáš Ctibor, Petr Hlaváček, Lenka Chlanová, Jaromír Hainc Petr Hlaváček Petr Hlaváček (Gar.)</i>	KZ	2	1P+1C	L	v
521UP3K	Spatial and Strategic Planning <i>Petr Klápšt, Jan Vozáb, Jakub Vorel Jakub Vorel Jakub Vorel (Gar.)</i>	KZ	2	1P+1C	Z	v
521PRI1K	<i>Jakub Vorel, Daniel Franke Daniel Franke Daniel Franke (Gar.)</i>	KZ	2	1P+1C	Z	v
521PRI2K	<i>Jakub Vorel, Daniel Franke Daniel Franke Jakub Vorel (Gar.)</i>	KZ	2	1P+1C	L	v
521PRS1K	<i>Karel Maier, Veronika Šindlerová Veronika Šindlerová Veronika Šindlerová (Gar.)</i>	KZ	2	2P+0C	Z	v
521PRS2K	<i>Jan Vozáb Jan Vozáb Karel Maier (Gar.)</i>	KZ	2	1P+1C	L	v
514SHP1	<i>Michael Rykl, Martin Ebel, Martin Kolovský</i>	KZ	2	1P+1C	L	v
599STN1	Residency <i>Irena Šestáková</i>	Z				v
599STN	Residency <i>Irena Šestáková</i>	Z				v
519U6K	Regional Planning <i>Zdeňka Havlová, Irena Fialová Irena Fialová Irena Fialová (Gar.)</i>	KZ	2	1P+1C	Z	v
511VT6K	Visual Arts VI <i>Gabriela Nováková Gabriela Nováková Ivan Vosecký (Gar.)</i>	KZ	2	0P+2C	Z	v
523PS7K	Design of Facades <i>Bedřich Váček, Aleš Marek Aleš Marek Aleš Marek (Gar.)</i>	KZ	2	2P+0C	L	v
523PS6K	<i>Aleš Marek, Tomáš Klanc, Vladimír Daňkovský Tomáš Klanc Vladimír Daňkovský (Gar.)</i>	KZ	2	2P+0C	Z	v
599WS2	Workshop	Z				v
599WS3	Workshop	Z				v
599WS1	Workshop	Z				v

Characteristics of the courses of this group of Study Plan: Code=VOLITELNÉ NKA Name=Volitelné navazující NKA

521UP2K	Planning analyses	KZ	2
Recognition and assessment and the specification of problems to be solved in the planning documentation., The basic principles of urban planning applied to the planning of basic themes: natural conditions, settlement and housing, recreation, production, transportation - in terms of limits, values and risks for each theme			
520ATV	Studio-Elective Course	KZ	4
516CAD4	Computer Aided Design IV	KZ	2
Workshop - new trends in modelling, visualization, animation, software: 3DStudio Viz, ArchiCAD, Allplan Nemetechek			
513DAT7	History and Theory of Architecture VII	ZK	2

513DAT8	History and Theory of Architecture VIII	KZ	2
513DU3K	History of Art III	KZ	2
521EKL2K	Ecology II	KZ	2
Approaches, methods, problem questions and particular examples of social ecology in connection with regional and strategic planning, architecture, municipal policy, sustainable development. Social-environment situation, identity problems, phenomenon of a location, everyday life. Methods of social ecology for participation of inhabitants and communication, examples of their use. Giving tutorials on students' works and presentation.			
513FSP4	Philosophy, Sociology and Psychology IV	KZ	2
513FSP5	Philosophy, Sociology and Psychology V	KZ	2
514KK2		ZK	2
519U5K	Methods	KZ	2
518NS6N	Ensembles and Big Buildings	ZK	2
518NS7	Communication and Design Strategies	KZ	2
How the highways, railways, bridges, waterways, construction of dams, weirs and other engineering structures affect the formation of cities and landscape			
520PRK3	Regional and Landscape planning III	Z,ZK	2
523PS8K	Failures and Reconstruction of Buildings	KZ	2
Failures and reconstruction of basements, vertical and roof structures. Analysis of origin, improper design, application, further aspects. Emphasis on waterproofing and building physics. Defect prevention, renovation methods, incl. advanced methods with usage of up to date technologies and materials.			
519U7K	Urbanistic Composition II	KZ	2
521UP3K	Spatial and Strategic Planning	KZ	2
Analyses of structuration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to identify problems and potentials of concrete area. Development of scenarios and, on their bases, development strategy.			
521PRI1K		KZ	2
521PRI2K		KZ	2
521PRS1K		KZ	2
521PRS2K		KZ	2
514SHP1		KZ	2
599STN1	Residency	Z	
599STN	Residency	Z	
519U6K	Regional Planning	KZ	2
511VT6K	Visual Arts VI	KZ	2
523PS7K	Design of Facades	KZ	2
Trends in contemporary construction (integrated and sustainable building design, digitalization of construction in all phases of the building life cycle, use of BIM information modelling, ...) and the expected development of construction in relation to architectural design. Presentation of construction types and typologies of contemporary buildings in the Czech Republic and abroad. Interaction between urbanism and buildings. Modern trends in the realization of buildings. Architecture of artificial intelligence. Excursions with commentary by the authors to important buildings in Prague.			
523PS6K		KZ	2
Basic definitions and factors of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters and structural principles of the design of low-energy buildings. Interaction between building parterre and urban complex.			
599WS2	Workshop	Z	
599WS3	Workshop	Z	
599WS1	Workshop	Z	

Code of the group: ATPV

Name of the group: Ateliér volitelný

Requirement credits in the group:

Requirement courses in the group:

Credits in the group: 0

Note on the group:

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) <i>Tutors, authors and guarantors (gar.)</i>	Completion	Credits	Scope	Semester	Role
516ATV	Studio-Elective Course <i>Martin Gsandtner, Kateřina Sýsová, Henri Hubertus Achten, Miloš Florián, Jiří Pavlíček, Henri Hubertus Achten (Gar.)</i>	KZ	4	0P+4C		v
515ATV	Studio-Elective Course <i>Pavla Kvízová, Vladimír Soukenka, Jan Tma Vladimír Soukenka (Gar.)</i>	KZ	4	0P+4C		v
518ATV	Studio-Elective Course <i>David Belko, Arnošt Navrátil, Michal Kohout, Michal Juha, Edita Lisecová, Roman Koucký, Ondřej Tušek, Ondřej Císler, Irena Šestáková, Ondřej Císler, Ondřej Císler (Gar.)</i>	KZ	4	0P+4C		v
519ATV	Studio-Elective Course <i>Ivan Plicka, Jiří Klokočka, Jana Zdráhalová, Jan Jehlík, Michal Kuzemský, Tomáš Zmek, Petra Kunarová, Michal Škrna, Jonáš Krýžl, Jan Jehlík (Gar.)</i>	KZ	4	0P+4C		v
527ATV	Studio-Elective Course <i>Radek Lampa, Tomáš Hradný, Tomáš Novotný, Miroslav Cikán, Zdeněk Rothbauer, Ján Stempel, Alena Šrámková, Jan Jakub Tesa, Vojtěch Sosna Ján Stempel</i>	KZ	4	0P+4C		v

529ATV	Studio-Elective Course <i>Mirko Baum, Petr Hájek, Vladimír Krátký, Ladislav Lábus, Jan Sedlák, Petr Suske, Jan Šépka, Vaso Perovi, Marek Chalupa</i>	KZ	4	0P+4C		v
550ATV	Studio-Elective Course <i>Irena Šestáková, Tomáš Polák, Tomáš Blaha, Jan Fišer, Jan Jaroš, Marian Karel, Martin Tvar žek, Josef Šafa ík, Filip Streit, Jan Fišer Marian Karel (Gar.)</i>	KZ	4	0P+4C	*	v
514ATV	Studio-Elective Course <i>Václav Gírsa Václav Gírsa (Gar.)</i>	KZ	4	0P+4C		v
528ATV	Studio-Elective Course <i>Ladislav Vrbata, Jan Stíbrál, Št pán Tomš, Hana Seho, Josef Mádr, Petr Kordovský, Dalibor Hlavá ek, Martin en k, Št pán Valouch,</i>	KZ	4	0P+4C		v
599ATV	Studio-Elective Course <i>Ji í Šruba Ji í Šruba Ji í Šruba (Gar.)</i>	KZ	4	0P+4C		v
540ATV	Studio-Elective Course <i>Dalibor Hlavá ek, Winy Maas Dalibor Hlavá ek (Gar.)</i>	KZ	4	0P+4C		v
520ATV	Studio-Elective Course <i>Tomáš Sklená, Zuzana Be vá ová, Jitka Trevisan, Klára Salzmann, Adéla Chmelová, Karin Grohmannová, Klára Concepcion, Vladimír Sitta, Till Rehwalddt, Klára Concepcion (Gar.)</i>	KZ	4	0P+4C	L,Z	v
511ATV	Studio-Elective Course	KZ	4	0P+4C		v
521ATV	Studio-Elective Course <i>Petr Klápšt, Karel Maier, Jan Bittner, Jakub Vorel, Veronika Šindlerová, Šimon Vojtík, Jan Záhora Šimon Vojtík Veronika Šindlerová (Gar.)</i>	KZ	4	0P+4C		v

Characteristics of the courses of this group of Study Plan: Code=ATPV Name=Ateliér volitelný

520ATV	Studio-Elective Course	KZ	4
516ATV	Studio-Elective Course	KZ	4
515ATV	Studio-Elective Course	KZ	4
518ATV	Studio-Elective Course	KZ	4
519ATV	Studio-Elective Course	KZ	4
527ATV	Studio-Elective Course	KZ	4
529ATV	Studio-Elective Course	KZ	4
550ATV	Studio-Elective Course	KZ	4
514ATV	Studio-Elective Course	KZ	4
528ATV	Studio-Elective Course	KZ	4
599ATV	Studio-Elective Course	KZ	4
540ATV	Studio-Elective Course	KZ	4
511ATV	Studio-Elective Course	KZ	4
521ATV	Studio-Elective Course	KZ	4

List of courses of this pass:

Code	Name of the course	Completion	Credits
511ATV	Studio-Elective Course	KZ	4
511VT6K	Visual Arts VI	KZ	2
513DAT7	History and Theory of Architecture VII	ZK	2
513DAT8	History and Theory of Architecture VIII	KZ	2
513DU3K	History of Art III	KZ	2
513FSP4	Philosophy, Sociology and Psychology IV	KZ	2
513FSP5	Philosophy, Sociology and Psychology V	KZ	2
513TEK	Theory of Landscape Architecture	ZK	2
514ATV	Studio-Elective Course	KZ	4
514KK1		Z,ZK	3
514KK2		ZK	2
514SHP1		KZ	2
515ATV	Studio-Elective Course	KZ	4
516ATV	Studio-Elective Course	KZ	4
516CAD4	Computer Aided Design IV Workshop - new trends in modelling, visualization, animation, software: 3DStudio Viz, ArchiCAD, Allplan Nemetschek	KZ	2
518ATV	Studio-Elective Course	KZ	4
518NS6N	Ensembles and Big Buildings	ZK	2
518NS7	Communication and Design Strategies How the highways, railways, bridges, waterways, construction of dams, weirs and other engineering structures affect the formation of cities and landscape	KZ	2

519ATV	Studio-Elective Course	KZ	4
519U4K	Urban Design	Z,ZK	3
During the seminars students can verify their abilities to design chosen urban areas. The related excursions became an important part of the teaching process.			
519U5K	Methods	KZ	2
519U6K	Regional Planning	KZ	2
519U7K	Urbanistic Composition II	KZ	2
520AT4	Studio 4	KZ	13
520AT5K	Studio 5	KZ	13
520AT6	Studio 6	KZ	14
520ATV	Studio-Elective Course	KZ	4
520DP	Diploma Project	Z	28
520DSN	Diploma Seminar	KZ	2
520KA4	Landscape Architecture IV	ZK	2
520KA5	Landscape Architecture V	KZ	2
520PAMK		Z,ZK	2
520PRK1	Regional and Landscape planning I	KZ	2
520PRK3	Regional and Landscape planning III	Z,ZK	2
521ATV	Studio-Elective Course	KZ	4
521EKL1K	Ecology I	ZK	2
521EKL2K	Ecology II	KZ	2
Approaches, methods, problem questions and particular examples of social ecology in connection with regional and strategic planning, architecture, municipal policy, sustainable development. Social-environment situation, identity problems, phenomenon of a location, everyday life. Methods of social ecology for participation of inhabitants and communication, examples of their use. Giving tutorials on students' works and presentation.			
521PRI1K		KZ	2
521PRI2K		KZ	2
521PRK2K	Regional and Landscape planning II	KZ	2
521PRS1K		KZ	2
521PRS2K		KZ	2
521UP1K	Urban Planning	Z,ZK	3
Principles of spatial planning as a conscious influence of changes in the territory. Planning history and the role of planning in a democratic society. Getting to know stakeholders in the planning process and the types of planning tools, the process of their creation, approval and use and relationships and linkages that influence the regional development.			
521UP2K	Planning analyses	KZ	2
Recognition and assessment and the specification of problems to be solved in the planning documentation., The basic principles of urban planning applied to the planning of basic themes: natural conditions, settlement and housing, recreation, production, transportation - in terms of limits, values and risks for each theme			
521UP3K	Spatial and Strategic Planning	KZ	2
Analyses of structuration of a space, local / regional ecology and economy, technical limits in a territory, and opinions of citizens. SWOT analysis use to identify problems and potentials of concrete area. Development of scenarios and, on their bases, development strategy.			
523PS6K		KZ	2
Basic definitions and factors of sustainable construction. Methodology of quality assessment of buildings based on sustainable principles. Parameters and structural principles of the design of low-energy buildings. Interaction between building parterre and urban complex.			
523PS7K	Design of Facades	KZ	2
Trends in contemporary construction (integrated and sustainable building design, digitalization of construction in all phases of the building life cycle, use of BIM information modelling, ...) and the expected development of construction in relation to architectural design. Presentation of construction types and typologies of contemporary buildings in the Czech Republic and abroad. Interaction between urbanism and buildings. Modern trends in the realization of buildings. Architecture of artificial intelligence. Excursions with commentary by the authors to important buildings in Prague.			
523PS8K	Failures and Reconstruction of Buildings	KZ	2
Failures and reconstruction of basements, vertical and roof structures. Analysis of origin, improper design, application, further aspects. Emphasis on waterproofing and building physics. Defect prevention, renovation methods, incl. advanced methods with usage of up to date technologies and materials.			
524PK	Law	ZK	2
Introduction to system of law - brief historical explanation of construction law and professional conduct; professional conduct in Czech republic and EU - comparative explanation; , construction law, land use planning, city (town) planning, structure planning, local and regional planning, building permit, urban issues; , administartive law and decision making, environment and sustainable development; green building and new technologies; care of nature and landscape (town and country), forest protection, soil protection, water protection, atmosphere protection, care of historical monuments and conservation; public health protection and safety; , infrastructure: transportation / traffic; railways; civil aviation; shipping traffic; energetics - energy efficiency etc.; , copyright, registration and licensing; professional conduct; procurement of architectural services; professional standards for planning and design build; professional contracts; procurement and competitions (architectural, urban and landscape)			
524PRES3K	3	Z,ZK	3
Investment, evaluation of an investment opportunity, calculation of efficiency of architectural project. Economics and development of a region, real estate market, governmental investments.			
527ATV	Studio-Elective Course	KZ	4
528ATV	Studio-Elective Course	KZ	4
529ATV	Studio-Elective Course	KZ	4
540ATV	Studio-Elective Course	KZ	4
550ATV	Studio-Elective Course	KZ	4
599ATV	Studio-Elective Course	KZ	4
599STN	Residency	Z	
599STN1	Residency	Z	
599WS1	Workshop	Z	

599WS2	Workshop	Z	
599WS3	Workshop	Z	

For updated information see <http://bilakniha.cvut.cz/en/FF.html>

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