

Study plan

Name of study plan: Bakalá ský Krajiná ská architektura 2018

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: Bachelor full-time

Required credits: 176

Elective courses credits: 4

Sum of credits in the plan: 180

Note on the plan:

Name of the block: Compulsory courses

Minimal number of credits of the block: 162

The role of the block: Z

Code of the group: ATELIÉRY BKA

Name of the group: Ateliérová tvorba bakalá ské KA

Requirement credits in the group: In this group you have to gain 75 credits

Requirement courses in the group: In this group you have to complete 6 courses

Credits in the group: 75

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
520AT1KA	Studio 1 Karin Grohmannová, Klára Concepcion, Adéla Chmelová, Tomáš Sklená , Zuzana Be vá ová, Jitka Trevisan, Vladimír Sitta, Radmila Fingerová, Till Rehwaldt, Zuzana Štemberová Jitka Trevisan (Gar.)	KZ	10	0P+8C		z
520AT2K	Studio 2 Karin Grohmannová, Klára Concepcion, Adéla Chmelová, Tomáš Sklená , Zuzana Be vá ová, Vladimír Sitta, Radmila Fingerová, Till Rehwaldt, Klára Salzmann, Zuzana Štemberová Jitka Trevisan (Gar.)	KZ	11	0P+8C		z
520AT3K	Studio 3 Karin Grohmannová, Klára Concepcion, Adéla Chmelová, Tomáš Sklená , Zuzana Be vá ová, Jitka Trevisan, Vladimír Sitta, Radmila Fingerová, Till Rehwaldt, Zuzana Štemberová Jitka Trevisan (Gar.)	KZ	11	0P+8C		z
520BP	Bachelor Project Karin Grohmannová, Klára Concepcion, Adéla Chmelová, Tomáš Sklená , Zuzana Be vá ová, Jitka Trevisan, Vladimír Sitta, Radmila Fingerová, Till Rehwaldt, Zuzana Štemberová Klára Concepcion (Gar.)	Z	26	0P+16C		z
520ZKN	Basics of Landscape Design I Hana Špalková, Michaela Brožová, Laura Jablonská, Tereza Havránková Zuzana Štemberová Hana Špalková (Gar.)	KZ	8	0P+6C	Z	z
520ZKNA	Basics of Landscape Design II Hana Špalková, Michaela Brožová Zuzana Štemberová Hana Špalková (Gar.)	KZ	9	1P+5C	L	z

Characteristics of the courses of this group of Study Plan: Code=ATELIÉRY BKA Name=Ateliérová tvorba bakalá ské KA

520AT1KA	Studio 1	KZ	10
520AT2K	Studio 2	KZ	11
520AT3K	Studio 3	KZ	11
520BP	Bachelor Project	Z	26
520ZKN	Basics of Landscape Design I	KZ	8
520ZKNA	Basics of Landscape Design II	KZ	9

Code of the group: POVINNÉ BKA 2018

Name of the group: Povinné bakalá ské KA 2018

Requirement credits in the group: In this group you have to gain at least 87 credits (at most 91)

Requirement courses in the group: In this group you have to complete 39 courses

Credits in the group: 87

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
516CAD1K	Computer Aided Design I <i>Dana Matjovská, Petr Irínkov Petr Irínkov (Gar.)</i>	KZ	2	0P+2C	L	z
513DAT4	History and Theory of Architecture IV <i>Petr Vorlík, Michael Rykl Petr Vorlík Petr Vorlík (Gar.)</i>	ZK	2	2P+0C	L	z
513DAT5K	History and Theory of Architecture V <i>Petr Vorlík Petr Vorlík (Gar.)</i>	ZK	2	2P+0C	L	z
513DU1K	History of Art I <i>Klára Brhová, Hubert Kamil Guzik Hubert Kamil Guzik Hubert Kamil Guzik (Gar.)</i>	ZK	2	2P+0C	Z	z
520DEN1	Dendrology I <i>Romana Michalková Zuzana Štemberová Romana Michalková (Gar.)</i>	ZK	2	2P+0C	L	z
520DEN2K	Dendrology II <i>Romana Michalková Zuzana Štemberová Romana Michalková (Gar.)</i>	KZ	2	0P+2C	Z	z
520DEN3	Dendrology III <i>Romana Michalková Zuzana Štemberová Romana Michalková (Gar.)</i>	ZK	2	0P+2C	L	z
522DGK	Descriptive Geometry <i>Dana Kolářová, Stanislava Lešáková Dana Kolářová (Gar.)</i>	Z,ZK	4	2P+2C	Z	z
528EKLK	Ecology <i>Klára Salzmann, Martin Štěpánek, Karel Golá, Vladimír Kofí, Karel Maier, Kateřina Rottová, Richard Železný, Jan Zemlička, Dalibor Hlaváček, Kateřina Rottová Dalibor Hlaváček (Gar.)</i>	ZK	2	2P+0C	Z	z
513FSP1	Philosophy, Sociology and Psychology I <i>Pavel Kalina, Tomáš Hoření Samec Pavel Kalina (Gar.)</i>	KZ	2	2P+0C	Z	z
523GP	Geodesy Practice <i>Tomáš Kamen Tomáš Kamen Tomáš Kamen (Gar.)</i>	Z	0	2D	L	z
523GEO	Geodesy <i>Tomáš Kamen Tomáš Kamen Tomáš Kamen (Gar.)</i>	KZ	1	1P+0C	L	z
520KA1K	Landscape Architecture I <i>Tereza Havránková, Jana Tichá, Zuzana Ambrožová, Jakub Med, Julie Horáková Zuzana Štemberová Jana Tichá (Gar.)</i>	Z,ZK	3	2P+1C	Z	z
520KA2K	Landscape Architecture II <i>Klára Salzmann, Zuzana Štemberová, Jan Pešout Zuzana Štemberová Klára Salzmann (Gar.)</i>	Z,ZK	3	2P+1C	L	z
520KA3K	Landscape Architecture III <i>Klára Salzmann, Hana Špalková Zuzana Štemberová Hana Špalková (Gar.)</i>	Z,ZK	3	2P+1C	Z	z
511KP	Visual Arts-Practice <i>Ivan Vosecký, Radek Macke, Jiří Kárník, Magdalena Koubek Michalíková, Zorka Krejčí, Gabriela Nováková, Martina Buřňová Martina Buřňová Ivan Vosecký (Gar.)</i>	Z	0	1tý	L	z
520NPR1	Nature and Plant Science I <i>Jan Kubeš, Milan Skalický, Pavla Vachová Zuzana Štemberová Milan Skalický (Gar.)</i>	Z,ZK	3	2P+1C	L	z
520NPR2	Nature and Plant Science II <i>Petra Vokurková, Lenka Pavl Zuzana Štemberová</i>	Z,ZK	3	2P+1C	L	z
520NPR3	Nature and Plant Science III <i>Vera Potopová</i>	ZK	2	2P+0C	Z	z
520NPR4	Nature and Plant Science IV <i>Milan Skalický, Pavla Vachová Zuzana Štemberová</i>	Z,ZK	4	2P+2C	L	z
520NPR5	Nature and Plant Science V <i>Svatopluk Matula, Markéta Mihalíková, Václav David Zuzana Štemberová Svatoopluk Matula (Gar.)</i>	Z,ZK	3	2P+1C	Z	z
518NS1KB	Introduction <i>Michaela Brožová, David Tichý, Miroslav Cikán, Jan Jehlík, Michal Kohout, Radek Kolařík, Jiří Plos, Miroslav Šajtar, Michal Šrámek, Petr Hlaváček Petr Hlaváček (Gar.)</i>	ZK	2	2P+0C	Z	z
518NSKIK	Concept and Interpretation <i>Lenka Illová, Pavla Melková, Michal Hybský Pavla Melková Pavla Melková (Gar.)</i>	KZ	2	1P+1C	Z	z
526OJ1K	Professional Language I <i>Kateřina Valentová Kateřina Valentová Kateřina Valentová (Gar.)</i>	Z,ZK	2	0P+2C	L	z
514PP1K	Monument Preservation I <i>Václav Fanta, Magdaléna Biedermanová, Milena Hauserová, Václav Gírsa, Jitka Tomiczková, Jitka Poláková Václav Gírsa (Gar.)</i>	Z,ZK	3	2P+1C	Z	z
516PG1K	Computer Graphics I <i>Martin Odehnal, Dušan Marcinko Martin Odehnal (Gar.)</i>	KZ	2	0P+2C	L	z
523PS1BK	Building Construction I <i>Miloš Rehberger, Vladimír Jirka, Miloslav Pavlík, Jan Hlavín, Tomáš Klanc Jan Hlavín Jan Hlavín (Gar.)</i>	Z,ZK	4	2P+2C	Z	z
519U1K	Technique of City Design <i>Jan Jehlík, Jana Zdráhalová, Lenka Burgerová, Jan Sedlák, Sára Šálková Roeselová, Matěj Šebek Jana Zdráhalová (Gar.)</i>	Z,ZK	3	2P+1C	L	z

523MATK	Building Materials <i>Jan Hlavín, Jaroslava Babánková, Marek Pavlas Marek Pavlas Marek Pavlas (Gar.)</i>	KZ	2	2P+0C	Z	z
520TKAK1	Landscape Technology I <i>Aleš Dittert, Eva Jeníková Zuzana Štemberová Aleš Dittert (Gar.)</i>	KZ	3	1P+2C	L	z
520TKA2K	Landscape Technology II <i>Vladimír Sitta, Romana Michalková, Markéta Svobodová Zuzana Štemberová Romana Michalková (Gar.)</i>	KZ	3	1P+2C	Z	z
520TKA3K	Landscape Technology III <i>Vladimír Sitta, Aleš Dittert Zuzana Štemberová Aleš Dittert (Gar.)</i>	KZ	3	1P+2C	L	z
520TKA4K	Landscape Technology IV <i>Aleš Dittert, Jakub Hepp, Markéta Svobodová Zuzana Štemberová Vladimír Sitta (Gar.)</i>	KZ	3	1P+2C	Z	z
524TZI2K	Engineering Equipment of Buildings II <i>Daniela Bošová, Zuzana Vyoralová, Petr Hrdlička, Lenka Prokopová Lenka Prokopová Zuzana Vyoralová (Gar.)</i>	KZ	2	1P+1C	Z	z
511VT1K	Visual Arts I <i>Ivan Vosecký, Zorka Krejčí, Gabriela Nováková Gabriela Nováková Ivan Vosecký (Gar.)</i>	KZ	2	0P+2C	Z	z
511VT2K	Visual Arts II <i>Ivan Vosecký, Zorka Krejčí, Gabriela Nováková Gabriela Nováková Gabriela Nováková (Gar.)</i>	KZ	2	0P+2C	L	z
511VT3K	Visual Arts III <i>Ivan Vosecký, Zorka Krejčí, Gabriela Nováková Gabriela Nováková Gabriela Nováková (Gar.)</i>	KZ	2	0P+2C	Z	z
511VT4K	Visual Arts IV <i>Ivan Vosecký, Zorka Krejčí Zorka Krejčí Zorka Krejčí (Gar.)</i>	KZ	2	0P+2C	L	z
519U2K	Urbanistic Composition I <i>Jiří Ploš Jiří Ploš (Gar.)</i>	ZK	2	2P+0C	Z	z
599ZSPB		Z	1			z

Characteristics of the courses of this group of Study Plan: Code=POVINNÉ BKA 2018 Name=Povinné bakalářské KA 2018

516CAD1K	Computer Aided Design I CAD drawing and modelling, 2D and 3D, overview of other software for architecture	KZ	2
513DAT4	History and Theory of Architecture IV	ZK	2
513DAT5K	History and Theory of Architecture V	ZK	2
513DU1K	History of Art I	ZK	2
520DEN1	Dendrology I	ZK	2
520DEN2K	Dendrology II	KZ	2
520DEN3	Dendrology III	ZK	2
522DGK	Descriptive Geometry	Z,ZK	4
528EKLK	Ecology	ZK	2
513FSP1	Philosophy, Sociology and Psychology I	KZ	2
523GP	Geodesy Practice A two-day course related to 523GEO. https://www.fa.cvut.cz/cs/studium/predmety/4980-geodezie	Z	0
523GEO	Geodesy Geodesy. Organization of surveying services in Czech Republic. Geodetic points and geodetic datum systems. Topographical base for construction activities. Setting-out. Documentation of as-built state. Real estate register. Calculation of prices for surveying services.	KZ	1
520KA1K	Landscape Architecture I	Z,ZK	3
520KA2K	Landscape Architecture II	Z,ZK	3
520KA3K	Landscape Architecture III	Z,ZK	3
511KP	Visual Arts-Practice	Z	0
520NPR1	Nature and Plant Science I	Z,ZK	3
520NPR2	Nature and Plant Science II	Z,ZK	3
520NPR3	Nature and Plant Science III	ZK	2
520NPR4	Nature and Plant Science IV	Z,ZK	4
520NPR5	Nature and Plant Science V	Z,ZK	3
518NS1KB	Introduction	ZK	2
518NSKIK	Concept and Interpretation	KZ	2
526OJ1K	Professional Language I	Z,ZK	2
514PP1K	Monument Preservation I	Z,ZK	3
516PG1K	Computer Graphics I	KZ	2

523PS1BK	Building Construction I	Z,ZK	4
The aim of the course is to introduce students to the relationship between architecture and construction. This is presented through examples of concrete architecture. A basic overview of the basic terminology of buildings and structures, the technical design of a building with wall construction systems from foundation to roof and their applications in architecture is given. They are introduced to the principles and design of wall and ceiling structures, vertical circulation in a building, including the treatment of elements and stair space in the context of the whole building with emphasis on its architectural expression. The historical context and current design options are explained, the material and product base is discussed, the relationship to the building's performance and the critical details. The aim is to provide an understanding of the importance and principles of depicting and drawing individual structures in the various stages of project documentation. The purpose is to introduce students to the possibilities of construction elements and techniques in the context of the advantages and disadvantages of their use. The lectures are designed to teach civil engineering from the perspective of the architect's use of design. Individual materials, elements and structures are permanently embedded in the concept of the home with consideration of the related perspectives of the collaborating professions. Emphasis is placed on constructability and craftsmanship. The link of the technical solution in relation to the artistic or architectural expression. Sustainability, durability and the economic aspect of the solution are not neglected. Emphasis is placed on the consideration of solution options, conceptual thinking. The lecture series involves modern teaching technologies - the use of illustrative videos, tutorials. Examples of architecturally valuable realisations and the use of the latest materials and technologies are presented. Basic methods and approaches to designing structures are then practically verified in exercises.			
519U1K	Technique of City Design	Z,ZK	3
Familiarization with a mission of functional units in a city and their relations, with a prism of typological items and terms of using, with universal and concrete principles of creation in a level of village or city district and an urban detail. Special attention given to subdivision of land, conditions of residential development, segregation and toleration in transportation,typology,deficits and potential of public places in settlements. Examples. example example eexampleexample			
523MATK	Building Materials	KZ	2
Introduction to the basic types of materials and products, their application in architecture and constructions. The aim of the course is to show students the possibilities of different materials, their applicability for various purposes, advantages and limitations. The knowledge of the possibilities of using building materials will help students to develop their creativity. The environmental impact of use of different materials is also an important part of the course.			
520TKAK1	Landscape Technology I	KZ	3
520TKA2K	Landscape Technology II	KZ	3
520TKA3K	Landscape Technology III	KZ	3
520TKA4K	Landscape Technology IV	KZ	3
524TZI2K	Engineering Equipment of Buldings II	KZ	2
511VT1K	Visual Arts I	KZ	2
511VT2K	Visual Arts II	KZ	2
511VT3K	Visual Arts III	KZ	2
511VT4K	Visual Arts IV	KZ	2
519U2K	Urbanistic Composition I	ZK	2
599ZSPB		Z	1

Name of the block: Elective courses

Minimal number of credits of the block: 14

The role of the block: V

Code of the group: VOLITELNÉ BKA 2018

Name of the group: Volitelné bakalá ské KA 2018

Requirement credits in the group: In this group you have to gain at least 14 credits

Requirement courses in the group:

Credits in the group: 14

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
516CAD2K	Computer Aided Design II <i>Petr Irinkov Petr Irinkov (Gar.)</i>	KZ	2	0P+2C	Z	v
516CAD3K	Computer Aided Design III-Elective Course <i>Petr Irinkov, Dušan Uruba</i>	KZ	2	0P+2C	Z	v
513DAT1	History and Theory of Architecture I <i>Michael Rykl, Marián Matys Michael Rykl (Gar.)</i>	ZK	2	2P+0C	Z	v
513DAT2K	History and Theory of Architecture II <i>Michael Rykl, Pavel Kalina Pavel Kalina (Gar.)</i>	ZK	2	2P+0C	L	v
513DAT3	History and Theory of Architecture III <i>Pavel Kalina Pavel Kalina (Gar.)</i>	ZK	2	2P+0C	Z	v
513DU2B	History of Art II <i>Hubert Kamil Guzik, Jana Tichá Hubert Kamil Guzik (Gar.)</i>	KZ	2	2P+0C	L	v
513FSP2	Philosophy, Sociology and Psychology II <i>Vladan Klement Vladan Klement</i>	KZ	2	2P+0C	L	v
513FSP3	Philosophy, Sociology and Psychology III <i>Vladan Klement Vladan Klement (Gar.)</i>	KZ	2	2P+0C	Z	v
520NPR6	Nature and Plant Science VI <i>Martin Kulhánek, Ivan Plicka Zuzana Štemberová Ivan Plicka (Gar.)</i>	Z,ZK	3	2P+1C	L	v
518NS2K	Housing <i>David Tichý, Michal Kohout, Zbyšek Stýblo, Irena Šestáková, Jana Kubcová, Hana Seho, David Belko, Ondřej Tušek David Tichý David Tichý (Gar.)</i>	Z,ZK	3	2P+1C	L	v

518NS3K	Public Buildings I <i>Michal Kohout, Zbyšek Stýblo, Irena Šestáková, David Belko, Ondřej Tušek, Michal Juha, Mirjana Petrik, Karel Fořt</i> Zbyšek Stýblo Zbyšek Stýblo (Gar.)	ZK	2	2P+0C	Z	v
518NS4K	Public Buildings II <i>Ondřej Tušek</i>	Z,ZK	3	2P+1C	L	v
526OJ2B	Professional Language II <i>Kateřina Valentová, Naděžda Bonaventurová, Ludmila Caravanasová, Zuzana Krýžlová, Magdaléna Waageová</i> Kateřina Valentová Zuzana Krýžlová (Gar.)	KZ	2	0P+2C	Z,L	v
526OJ3B	Professional Language III <i>Kateřina Valentová, Naděžda Bonaventurová, Zuzana Krýžlová, Magdaléna Waageová, Calvin Rambler, Mark Wiedorn, Brian Hodgman</i> Kateřina Valentová Kateřina Valentová (Gar.)	KZ	2	0P+2C	L	v
514PP2K	Monument Preservation II <i>Jan Pešta Jan Pešta</i> (Gar.)	KZ	2	2P+0C	L	v
516PG2K	Computer Graphics II <i>Martin Odehnal Martin Odehnal</i> (Gar.)	KZ	2	0P+2C	Z	v
523PS2K	Building Construction II <i>Miloš Rehberger, Vladimír Jirka, Jan Hlavín, Marek Pavlas, Vladimír Dávkovský</i> Jan Hlavín Jan Hlavín (Gar.)	Z,ZK	4	2P+2C	L	v
523PS3K	Building Construction III <i>Miloš Rehberger, Jaroslava Babánková, Vladimír Dávkovský, Pavel Meloun, Bedřich Vaňková</i> Miloš Rehberger Miloš Rehberger (Gar.)	Z,ZK	4	2P+2C	Z	v
523PS4K	Building Construction IV <i>Jaroslava Babánková, Luboš Káň, Petr Janda, Marek Novotný, Zdeněk Kutnar</i> Luboš Káň Luboš Káň (Gar.)	Z,ZK	3	1P+2C	L	v
523PS5K	Building Construction V <i>Luboš Káň, Petr Janda, Marek Novotný, Zdeněk Kutnar</i> Luboš Káň Marek Novotný (Gar.)	KZ	2	2P+0C	Z	v
524PRES1K	1 <i>Daniela Bošová, Radka Navrátilová</i> Radka Navrátilová Radka Navrátilová (Gar.)	Z,ZK	4	2P+2C	L	v
599STBC	Residency	Z				v
524TZIK	Engineering Equipment of Buildings I <i>Daniela Bošová, Zuzana Vyoralová, Lenka Prokopová</i> Lenka Prokopová Lenka Prokopová (Gar.)	Z,ZK	4	2P+2C	Z	v
519U3K	Urban design - Theory <i>Irena Fialová, Zdeňka Havlová</i> Irena Fialová Irena Fialová (Gar.)	KZ	2	1P+1C	L	v
511VT5K	Visual Arts V <i>Ivan Vosecký, Jiří Kárník, Gabriela Nováková</i> Gabriela Nováková Ivan Vosecký (Gar.)	KZ	2	0P+2C	L	v
599WS1	Workshop	Z				v

Characteristics of the courses of this group of Study Plan: Code=VOLITELNÉ BKA 2018 Name=Volitelné bakalářské KA 2018

516CAD2K	Computer Aided Design II Advanced modelling, working with materials, spotlights, cameras, visualisation, delineation in photographs in 3D-studio VIZ	KZ	2
516CAD3K	Computer Aided Design III-Elective Course	KZ	2
513DAT1	History and Theory of Architecture I	ZK	2
513DAT2K	History and Theory of Architecture II	ZK	2
513DAT3	History and Theory of Architecture III	ZK	2
513DU2B	History of Art II	KZ	2
513FSP2	Philosophy, Sociology and Psychology II	KZ	2
513FSP3	Philosophy, Sociology and Psychology III	KZ	2
520NPR6	Nature and Plant Science VI	Z,ZK	3
518NS2K	Housing	Z,ZK	3
518NS3K	Public Buildings I	ZK	2
518NS4K	Public Buildings II	Z,ZK	3
526OJ2B	Professional Language II	KZ	2
526OJ3B	Professional Language III	KZ	2
514PP2K	Monument Preservation II	KZ	2
516PG2K	Computer Graphics II	KZ	2
523PS2K	Building Construction II The aim of the course is to introduce students to other variants of horizontal structures, general principles of substructure, construction and materials of building foundations, including excavations with regard to the terrain. The different types of roofing of buildings with flat and pitched roofs are discussed. Students are introduced to the construction of timber buildings, their historical and modern approaches to design, including their impact on the architectural expression of the building. Students are introduced to variations in the design of framed buildings. Contemporary design options are discussed in terms of the materials used (reinforced concrete/ steel/ timber), their spatial rigidity, and the traditional material and product base for completing the building (envelope/ partitions/ roof cladding). Basic information on buildings made of spatial units, high-rise buildings and "super-structures". The aim is to provide an understanding of the importance and principles of depicting and drawing individual structures at different stages of design documentation. The basic methods and approaches to structural design are then practically tested in exercises.	Z,ZK	4
523PS3K	Building Construction III Multicriteria design of material and structural variants of exterior walls, windows, doors and gates, partitions, non load-bearing part of floors (suspended ceilings and floorings).	Z,ZK	4
523PS4K	Building Construction IV Designing roofs and waterproofing protection of the substructure of buildings.	Z,ZK	3
523PS5K	Building Construction V Defects of basements, substructure, walls, roofs, truss, sealings, floors, curtains, stairs and other structures - ways of repair	KZ	2

524PRES1K	1	Z,ZK	4
599STBC	Residency	Z	
524TZIK	Engineering Equipment of Buildings I	Z,ZK	4
Ventilation systems in buildings. Heating of buildings, source of heat, furnace room, pumping station, choice of heating system, water-piping, water supply, water main, water distribution system. Sanitation, draining of roof. Gas-piping system. Wiring.			
519U3K	Urban design - Theory	KZ	2
511VT5K	Visual Arts V	KZ	2
599WS1	Workshop	Z	

List of courses of this pass:

Code	Name of the course	Completion	Credits
511KP	Visual Arts-Practice	Z	0
511VT1K	Visual Arts I	KZ	2
511VT2K	Visual Arts II	KZ	2
511VT3K	Visual Arts III	KZ	2
511VT4K	Visual Arts IV	KZ	2
511VT5K	Visual Arts V	KZ	2
513DAT1	History and Theory of Architecture I	ZK	2
513DAT2K	History and Theory of Architecture II	ZK	2
513DAT3	History and Theory of Architecture III	ZK	2
513DAT4	History and Theory of Architecture IV	ZK	2
513DAT5K	History and Theory of Architecture V	ZK	2
513DU1K	History of Art I	ZK	2
513DU2B	History of Art II	KZ	2
513FSP1	Philosophy, Sociology and Psychology I	KZ	2
513FSP2	Philosophy, Sociology and Psychology II	KZ	2
513FSP3	Philosophy, Sociology and Psychology III	KZ	2
514PP1K	Monument Preservation I	Z,ZK	3
514PP2K	Monument Preservation II	KZ	2
516CAD1K	Computer Aided Design I	KZ	2
CAD drawing and modelling, 2D and 3D, overview of other software for architecture			
516CAD2K	Computer Aided Design II	KZ	2
Advanced modelling, working with materials, spotlights, cameras, visualisation, delineation in photographs in 3D-studio VIZ			
516CAD3K	Computer Aided Design III-Elective Course	KZ	2
516PG1K	Computer Graphics I	KZ	2
516PG2K	Computer Graphics II	KZ	2
518NS1KB	Introduction	ZK	2
518NS2K	Housing	Z,ZK	3
518NS3K	Public Buildings I	ZK	2
518NS4K	Public Buildings II	Z,ZK	3
518NSKIK	Concept and Interpretation	KZ	2
519U1K	Technique of City Design	Z,ZK	3
Familiarization with a mission of functional units in a city and their relations, with a prism of typological items and terms of using, with universal and concrete principles of creation in a level of village or city district and an urban detail. Special attention given to subdivision of land, conditions of residential development, segregation and toleration in transportation,typology,deficits and potential of public places in settlements. Examples. example example eexampleexample			
519U2K	Urbanistic Composition I	ZK	2
519U3K	Urban design - Theory	KZ	2
520AT1KA	Studio 1	KZ	10
520AT2K	Studio 2	KZ	11
520AT3K	Studio 3	KZ	11
520BP	Bachelor Project	Z	26
520DEN1	Dendrology I	ZK	2
520DEN2K	Dendrology II	KZ	2
520DEN3	Dendrology III	ZK	2
520KA1K	Landscape Architecture I	Z,ZK	3
520KA2K	Landscape Architecture II	Z,ZK	3
520KA3K	Landscape Architecture III	Z,ZK	3
520NPR1	Nature and Plant Science I	Z,ZK	3
520NPR2	Nature and Plant Science II	Z,ZK	3

520NPR3	Nature and Plant Science III	ZK	2
520NPR4	Nature and Plant Science IV	Z,ZK	4
520NPR5	Nature and Plant Science V	Z,ZK	3
520NPR6	Nature and Plant Science VI	Z,ZK	3
520TKA2K	Landscape Technology II	KZ	3
520TKA3K	Landscape Technology III	KZ	3
520TKA4K	Landscape Technology IV	KZ	3
520TKAK1	Landscape Technology I	KZ	3
520ZKN	Basics of Landscape Design I	KZ	8
520ZKNA	Basics of Landscape Design II	KZ	9
522DGK	Descriptive Geometry	Z,ZK	4
523GEO	Geodesy	KZ	1
Geodesy. Organization of surveying services in Czech Republic. Geodetic points and geodetic datum systems. Topographical base for construction activities. Setting-out. Documentation of as-built state. Real estate register. Calculation of prices for surveying services.			
523GP	Geodesy Practice	Z	0
A two-day course related to 523GEO. https://www.fa.cvut.cz/cs/studium/predmety/4980-geodezie			
523MATK	Building Materials	KZ	2
Introduction to the basic types of materials and products, their application in architecture and constructions. The aim of the course is to show students the possibilities of different materials, their applicability for various purposes, advantages and limitations. The knowledge of the possibilities of using building materials will help students to develop their creativity. The environmental impact of use of different materials is also an important part of the course.			
523PS1BK	Building Construction I	Z,ZK	4
The aim of the course is to introduce students to the relationship between architecture and construction. This is presented through examples of concrete architecture. A basic overview of the basic terminology of buildings and structures, the technical design of a building with wall construction systems from foundation to roof and their applications in architecture is given. They are introduced to the principles and design of wall and ceiling structures, vertical circulation in a building, including the treatment of elements and stair space in the context of the whole building with emphasis on its architectural expression. The historical context and current design options are explained, the material and product base is discussed, the relationship to the building's performance and the critical details. The aim is to provide an understanding of the importance and principles of depicting and drawing individual structures in the various stages of project documentation. The purpose is to introduce students to the possibilities of construction elements and techniques in the context of the advantages and disadvantages of their use. The lectures are designed to teach civil engineering from the perspective of the architect's use of design. Individual materials, elements and structures are permanently embedded in the concept of the home with consideration of the related perspectives of the collaborating professions. Emphasis is placed on constructability and craftsmanship. The link of the technical solution in relation to the artistic or architectural expression. Sustainability, durability and the economic aspect of the solution are not neglected. Emphasis is placed on the consideration of solution options, conceptual thinking. The lecture series involves modern teaching technologies - the use of illustrative videos, tutorials. Examples of architecturally valuable realisations and the use of the latest materials and technologies are presented. Basic methods and approaches to designing structures are then practically verified in exercises.			
523PS2K	Building Construction II	Z,ZK	4
The aim of the course is to introduce students to other variants of horizontal structures, general principles of substructure, construction and materials of building foundations, including excavations with regard to the terrain. The different types of roofing of buildings with flat and pitched roofs are discussed. Students are introduced to the construction of timber buildings, their historical and modern approaches to design, including their impact on the architectural expression of the building. Students are introduced to variations in the design of framed buildings. Contemporary design options are discussed in terms of the materials used (reinforced concrete/ steel/ timber), their spatial rigidity, and the traditional material and product base for completing the building (envelope/ partitions/ roof cladding). Basic information on buildings made of spatial units, high-rise buildings and "super-structures". The aim is to provide an understanding of the importance and principles of depicting and drawing individual structures at different stages of design documentation. The basic methods and approaches to structural design are then practically tested in exercises.			
523PS3K	Building Construction III	Z,ZK	4
Multicriteria design of material and structural variants of exterior walls, windows, doors and gates, partitions, non load-bearing part of floors (suspended ceilings and floorings).			
523PS4K	Building Construction IV	Z,ZK	3
Designing roofs and waterproofing protection of the substructure of buildings.			
523PS5K	Building Construction V	KZ	2
Defects of basements, substructure, walls, roofs, truss, sealings, floors, curtains, stairs and other structures - ways of repair			
524PRES1K	1	Z,ZK	4
524TZI2K	Engineering Equipment of Buildings II	KZ	2
524TZIK	Engineering Equipment of Buildings I	Z,ZK	4
Ventilation systems in buildings. Heating of buildings, source of heat, furnace room, pumping station, choice of heating system, water-piping, water supply, water main, water distribution system. Sanitation, draining of roof. Gas-piping system. Wiring.			
526OJ1K	Professional Language I	Z,ZK	2
526OJ2B	Professional Language II	KZ	2
526OJ3B	Professional Language III	KZ	2
528EKLK	Ecology	ZK	2
599STBC	Residency	Z	
599WS1	Workshop	Z	
599ZSPB		Z	1

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

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