Study plan

Name of study plan: Bakalářský Krajinářská 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 bakalářské 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** *Eva Jeníková, Petra Hušková, Karin Grohmannová, Klára Concepcion, Adéla Ruprecht Chmelová, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Vladimír Sitta, ...* ***Zuzana Štemberová*** *Jitka Trevisan (Gar.)*	KZ	10	0P+8C		z
520AT2K	**Studio 2** *Eva Jeníková, Petra Hušková, Karin Grohmannová, Klára Concepcion, Adéla Ruprecht Chmelová, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Vladimír Sitta, ...* ***Zuzana Štemberová*** *Jitka Trevisan (Gar.)*	KZ	11	0P+8C		z
520AT3K	**Studio 3** *Eva Jeníková, Petra Hušková, Karin Grohmannová, Klára Concepcion, Adéla Ruprecht Chmelová, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Vladimír Sitta, ...* ***Zuzana Štemberová*** *Jitka Trevisan (Gar.)*	KZ	11	0P+8C		z
520BP	**Bachelor Project** *Eva Jeníková, Klára Concepcion, Adéla Ruprecht Chmelová, Tomáš Sklenář, Zuzana Bečvářová, Jitka Trevisan, Vladimír Sitta, Radmila Fingerová, Till Rehwaldt, ...* ***Zuzana Štemberová*** *Klára Concepcion (Gar.)*	Z	26	0P+16C		z
520ZKN	**Basics of Landscape Design I** *Háta Langpaul Enoch, Štěpán Macek, Petr Stojaník, Hana Špalková, Eliška Buš* ***Zuzana Štemberová*** *Hana Špalková (Gar.)*	KZ	8	0P+6C	Z	z
520ZKNA	**Basics of Landscape Design II** ***Zuzana Štemberová***	KZ	9	1P+5C	L	z

Characteristics of the courses of this group of Study Plan: Code=ATELIÉRY BKA Name=Ateliérová tvorba bakalářské 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 bakalářské 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)* *Tutors,* ***authors*** *and guarantors (gar.)*	Completion	Credits	Scope	Semester	Role
516CAD1K	**Compurter Aided Design I**	KZ	2	0P+2C	L	z
513DAT4	**History and Theory of Architecture IV** ***Petr Vorlík***	ZK	2	2P+0C	L	z
513DAT5K	**History and Theory of Architecture V** *Petr Vorlík Petr Vorlík (Gar.)*	ZK	2	2P+0C	L	z
513DU1K	**History of Art I** *Klára Brůhová, Hubert Kamil Guzik* ***Hubert Kamil Guzik*** *Hubert Kamil Guzik (Gar.)*	ZK	2	2P+0C	Z	z
520DEN1	**Dendrology I** *Romana Michalková* ***Zuzana Štemberová*** *Romana Michalková (Gar.)*	ZK	2	2P+0C	Z	z
520DEN2K	**Dendrology II** *Romana Michalková* ***Zuzana Štemberová*** *Romana Michalková (Gar.)*	KZ	2	0P+2C	Z	z
520DEN3	**Dendrology III** ***Zuzana Štemberová***	ZK	2	0P+2C	L	z
522DGK	**Descriptive Geometry** *Dana Kolářová, Stanislava Čečáková Dana Kolářová (Gar.)*	Z,ZK	4	2P+2C	Z	z
513FSP1	**Philosophy, Sociology and Psychology I** *Pavel Kalina, Tomáš Hoření Samec, David Seidler* ***Pavel Kalina*** *Pavel Kalina (Gar.)*	KZ	2	2P+0C	Z	z
523GP	**Geodesy Practice**	Z	0	2D	L	z
523GEO	**Geodesy**	KZ	1	1P+0C	L	z
520KA1K	**Landscape Architecture I** *Adéla Ruprecht Chmelová, Jana Tichá, Zuzana Ambrožová, Jakub Med, Markéta Šantrůčková* ***Zuzana Štemberová*** *Markéta Šantrůčková (Gar.)*	Z,ZK	3	2P+1C	Z	z
520KA2K	**Landscape Architecture II** ***Zuzana Štemberová***	Z,ZK	3	2P+1C	L	z
520KA3K	**Landscape Architecture III** *Adéla Ruprecht Chmelová, Jana Zdráhalová, Laura Jablonská, Jan Pešta* ***Jana Zdráhalová*** *Klára Salzmann (Gar.)*	Z,ZK	3	2P+1C	Z	z
511KP	**Visual Arts-Practice**	Z	0	1tý	L	z
520NPR1	**Nature and Plant Science I** *Lenka Pavlů, Petra Vokurková* ***Zuzana Štemberová*** *Lenka Pavlů (Gar.)*	Z,ZK	3	2P+1C	L	z
520NPR2	**Nature and Plant Science II** ***Zuzana Štemberová***	Z,ZK	3	2P+1C	L	z
520NPR3	**Nature and Plant Science III** *Lubomír Hrouda* ***Zuzana Štemberová*** *Lubomír Hrouda (Gar.)*	ZK	2	2P+0C	Z	z
520NPR4	**Nature and Plant Science IV** ***Zuzana Štemberová***	Z,ZK	4	2P+2C	L	z
520NPR5	**Nature and Plant Science V** *David Stránský, Ivana Kabelková* ***Zuzana Štemberová*** *Tomáš Dostál (Gar.)*	Z,ZK	3	2P+1C	Z	z
518NS1KB	**Buiding Theory I - Introduction** *Jana Zdráhalová, Michaela Brožová, Miroslav Cikán, Michal Kohout, Jiří Plos, Miroslav Šajtar, Michal Šrámek, Zbyšek Stýblo, Petr Hlaváček, ...* ***Petr Hlaváček*** *Petr Hlaváček (Gar.)*	ZK	2	2P+0C	Z	z
518NSKIK	**Buiding Theory - Concept and Interpretation** *Vendula Bryndziarová, Pavla Melková, Michal Hybský* ***Pavla Melková*** *Pavla Melková (Gar.)*	KZ	2	1P+1C	Z	z
526OJ1K	**Professional Language I** ***Kateřina Valentová***	Z,ZK	2	0P+2C	L	z
514PP1K	**Monument Preservation I** *Tomáš Efler, Václav Fanta, Michael Rykl, Magdaléna Biedermanová, Milena Hauserová, Václav Girsa, Jitka Tomiczková, Jitka Poláková Václav Girsa (Gar.)*	Z,ZK	3	2P+1C	Z	z
516PG1K	**Computer Graphics I**	KZ	2	0P+2C	L	z
523PS1BK	**Building Construction I** *Miloš Rehberger, Vladimír Jirka, Miloslav Pavlík, Jan Hlavín, Tomáš Klanc* ***Jan Hlavín*** *Jan Hlavín (Gar.)*	Z,ZK	4	2P+2C	Z	z
519U1K	**Technique of City Design**	Z,ZK	3	2P+1C	L	z
523MATK	**Building Materials** *Jan Hlavín, Jaroslava Babánková, Marek Pavlas* ***Marek Pavlas*** *Marek Pavlas (Gar.)*	KZ	2	2P+0C	Z	z
520TKAK1	**Landscape Technology I** ***Zuzana Štemberová***	KZ	3	1P+2C	L	z
520TKA2K	**Landscape Technology II** *Romana Michalková, Markéta Svobodová* ***Zuzana Štemberová*** *Romana Michalková (Gar.)*	KZ	3	1P+2C	Z	z
520TKA3K	**Landscape Technology IIII** ***Zuzana Štemberová***	KZ	3	1P+2C	L	z

520TKA4K	**Landscape Technology IV** *Romana Michalková, Markéta Svobodová, Jakub Hepp, Jakub Hepp **Zuzana Štemberová** Romana Michalková (Gar.)*	KZ	3	1P+2C	Z	z
524TZI2K	**Engineering Equipment of Buldings II** *Daniela Bošová, Zuzana Vyoralová, Petr Hrdlička, Lenka Prokopová **Lenka Prokopová** Zuzana Vyoralová (Gar.)*	KZ	2	1P+1C	Z	z
528EKLK	**Introduction to Sustainable Design** *Klára Salzmann, Martin Čeněk, Karel Goláň, Vladimír Kočí, Karel Maier, Kateřina Rottová, Richard Železný, Jan Žemlička, Dalibor Hlaváček, ... **Kateřina Rottová** Dalibor Hlaváček (Gar.)*	ZK	2	2P+0C	Z	z
511VT1K	**Visual Arts I** *Zorka Krejčí, Gabriela Nováková, Ivan Vosecký **Gabriela Nováková** Ivan Vosecký (Gar.)*	KZ	2	0P+2C	Z	z
511VT2K	**Visual Arts II** ***Gabriela Nováková***	KZ	2	0P+2C	L	z
511VT3K	**Visual Arts III** *Zorka Krejčí, Gabriela Nováková, Ivan Vosecký **Gabriela Nováková** Gabriela Nováková (Gar.)*	KZ	2	0P+2C	Z	z
511VT4K	**Visual Arts IV** *Zorka Krejčí, Ivan Vosecký **Zorka Krejčí** Zorka Krejčí (Gar.)*	KZ	2	0P+2C	L	z
519U2K	**Urbanistic Composition I** *Jiří Plos **Jiří Plos** Jiří Plos (Gar.)*	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	Compurter Aided Design I	KZ	2
CAD drawing and modelling, 2D and 3D, overview of other software for architecture			
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
513FSP1	Philosophy, Sociology and Psychology I	KZ	2
523GP	Geodesy Practice	Z	0
A two-day course related to 523GEO. https://www.fa.cvut.cz/cs/studium/predmety/4980-geodezie			
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.			
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	Buiding Theory I - Introduction	ZK	2
518NSKIK	Buiding Theory - Concept and Interpretation	KZ	2
The interpretation of architecture is inseparable from the question of the meaning of architecture and the environment itself. First, it is necessary to understand or create the meaning of the work, to propose a concept, and then to be able to formulate, interpret, and present it. These skills and abilities can serve as the foundations of architectural design, as its direct component, and also as tools for its interpretation and presentation. Their subject is not only architecture itself but also architectural thinking as such. The term architecture here refers to the complex built environment, including landscape design. The operational platform of architecture (its interpretation or presentation) is expanded by formats that go beyond the framework of the main tools of design and construction itself, such as critical writing, artistic concepts, publications, exhibitions, live presentations, photography, film, social media, new communication technologies, and others. These platforms can play not only an interpretative but also a formative role. The language of architectural interpretation is the same as the language in which users perceive it, and also the language in which architecture itself communicates with its users the very language we, as architects, embed in it. Therefore, as practicing architects, we should examine and master it. Communication is increasingly becoming an essential part of public space, and the ability to communicate architecture is turning into a natural and indispensable skill that the public rightly expects from architects.			
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 familiarize students with the relationship between landscape architecture and civil engineering. This is presented using examples of specific architecture. The aim is to provide knowledge about the importance and principles of depicting and drawing individual structures at various stages of project documentation, with stages of the building process. The historical context and current variants of solutions are explained, and the material and product base, the relationship to the monitored properties of the building, and decisive details are discussed. The purpose is to familiarize students with the possibilities of building elements and techniques in the context of the advantages and disadvantages of their use. Individual materials, elements, and structures are permanently incorporated into the design concept, taking into account the related views of cooperating professionsthe integrated design method. Emphasis is placed on feasibility and craftsmanship. On the link between the technical solution and the artistic or architectural expression. Sustainability, durability, and the economic aspects of the solution are not overlooked. Emphasis is placed on considering possible solutions and conceptual thinking. The aim is to show students the possibilities so that they realize that knowledge of building structures helps in deciding on the choice of structural system and detail solutions, which have a fundamental influence on the architecture of a building. The lecture series incorporates modern teaching technologies the use of illustrative videos and tutorials. Excursions are an integral part of the course, providing students with an opportunity to familiarize themselves with specific projects as well as building elements and structures. Examples of architecturally valuable projects and the use of state-of-the-art materials and technologies are presented. The aim is not to describe the properties of individual structures, elements, and materials separately. Rather, the effort is to find connections between individual structures, elements, and materials. To compare them and consider their suitability for a specific purpose. The aim is to encourage architecture students to realize that knowledge of building elements, structures, and materials helps them develop architectural solutions for their projects.			
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 IIII	KZ	3
520TKA4K	Landscape Technology IV	KZ	3
524TZI2K	Engineering Equipment of Buldings II	KZ	2
528EKLK	Introduction to Sustainable Design	ZK	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 bakalářské 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)* *Tutors,* ***authors*** *and guarantors (gar.)*	Completion	Credits	Scope	Semester	Role
516CAD2K	**Computer Aided Design II** *Dušan Uruba Dušan Uruba (Gar.)*	KZ	2	0P+2C	Z	v
516CAD3K	**Compurter Aided Design III-Elective Course** *Petr Irinkov*	KZ	2	0P+2C	Z	v
513DAT1	**History and Theory of Architecture I** *Michael Rykl, Marián Matys Michael Rykl (Gar.)*	ZK	2	2P+0C	Z	v
513DAT2K	**History and Theory of Architecture II**	ZK	2	2P+0C	L	v
513DAT3	**History and Theory of Architecture III** *Pavel Kalina Pavel Kalina (Gar.)*	ZK	2	2P+0C	Z	v
513DU2B	**History of Art II** ***Hubert Kamil Guzik***	KZ	2	2P+0C	L	v
513FSP2	**Philosophy, Sociology and Psychology II** ***Vladan Klement***	KZ	2	2P+0C	L	v
513FSP3	**Philosophy, Sociology and Psychology III** *Vladan Klement* ***Vladan Klement*** *Vladan Klement (Gar.)*	KZ	2	2P+0C	Z	v
520NPR6	**Nature and Plant Science VI** ***Zuzana Štemberová***	Z,ZK	3	2P+1C	L	v
518NS2K	**Buiding Theory II - Housing**	Z,ZK	3	2P+1C	L	v

518NS3K	**Public Buildings I** *Michal Kohout, Zbyšek Stýblo, Irena Šestáková, Pavel Ullmann, David Belko, Michal Juha, Mirjana Petrik, Ondřej Tuček* ***Pavel Ullmann*** *Pavel Ullmann (Gar.)*	ZK	2	2P+0C	Z	v
518NS4K	**Public Buildings II** ***Ondřej Tuček***	Z,ZK	3	2P+1C	L	v
526OJ2B	**Professional Language II** *Naděžda Bonaventurová, Zuzana Krýzlová, Kateřina Valentová, Magdaléna Waageová* ***Kateřina Valentová*** *Zuzana Krýzlová (Gar.)*	KZ	2	0P+2C	Z,L	v
526OJ3B	**Professional Language III** ***Kateřina Valentová***	KZ	2	0P+2C	L	v
514PP2K	**Monument Preservation II**	KZ	2	2P+0C	L	v
516PG2K	**Computer Graphics II** *Martin Odehnal Martin Odehnal (Gar.)*	KZ	2	0P+2C	Z	v
523PS2K	**Building Construction II** ***Jan Hlavín***	Z,ZK	4	2P+2C	L	v
523PS3K	**Building Construction III** *Miloš Rehberger, Jaroslava Babánková, Vladimír Daňkovský, Pavel Meloun, Bedřiška Vaňková* ***Miloš Rehberger*** *Miloš Rehberger (Gar.)*	Z,ZK	4	2P+2C	Z	v
523PS4K	**Building Construction IV** ***Luboš Káně***	Z,ZK	3	1P+2C	L	v
523PS5K	**Building Construction V** *Petr Jůn, Marek Novotný, Zdeněk Kutnar, Luboš Káně* ***Luboš Káně*** *Marek Novotný (Gar.)*	KZ	2	2P+0C	Z	v
524PRES1K	**Implementation, Management and Economics of Construction 1**	Z,ZK	4	2P+2C	L	v
599STBC	**Residency**	Z				v
524TZIK	**Engineering Equipment of Buldings I** *Daniela Bošová, Zuzana Vyoralová, Lenka Prokopová, Ondřej Horák* ***Lenka Prokopová*** *Lenka Prokopová (Gar.)*	Z,ZK	4	2P+2C	Z	v
519U3K	**Urban design - Theory**	KZ	2	1P+1C	L	v
511VT5K	**Visual Arts V** ***Gabriela Nováková***	KZ	2	0P+2C	L	v
599WS1	**Workshop** *Jiří Šrubař*	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	KZ	2
Advanced modelling, working with materials, spotlights, cameras, visualisation, delineation in photographs in 3D-studio VIZ			
516CAD3K	Compurter 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	Buiding Theory II - Housing	Z,ZK	3
518NS3K	Public Buildings I	ZK	2
518NS4K	Public Buildings II	Z,ZK	3
Basic civic amenities CULTURE, EDUCATION, SPORTS. The subject focuses on common civic buildings characterized primarily by short-term and long-term visitor traffic, often related to leisure activities or centered around significant social or sporting events. These are mostly buildings with intersecting themes: multi-purpose, use of specific structures, gathering spaces and related issues of viewpoints, visibility and acoustics.			
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	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
Completition works. Facades and internal finishing works. Facade structures, floors, light partitions, subceilings.			
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	Implementation, Management and Economics of Construction 1	Z,ZK	4

599STBC	Residency	Z	
524TZIK	Engineering Equipment of Buldings 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	Compurter 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	Compurter Aided Design III-Elective Course	KZ	2
516PG1K	Computer Graphics I	KZ	2
516PG2K	Computer Graphics II	KZ	2
518NS1KB	Buiding Theory I - Introduction	ZK	2
518NS2K	Buiding Theory II - Housing	Z,ZK	3
518NS3K	Public Buildings I	ZK	2
518NS4K	Public Buildings II	Z,ZK	3
Basic civic amenities CULTURE, EDUCATION, SPORTS. The subject focuses on common civic buildings characterized primarily by short-term and long-term visitor traffic, often related to leisure activities or centered around significant social or sporting events. These are mostly buildings with intersecting themes: multi-purpose, use of specific structures, gathering spaces and related issues of viewpoints, visibility and acoustics.			
518NSKIK	Buiding Theory - Concept and Interpretation	KZ	2
The interpretation of architecture is inseparable from the question of the meaning of architecture and the environment itself. First, it is necessary to understand or create the meaning of the work, to propose a concept, and then to be able to formulate, interpret, and present it. These skills and abilities can serve as the foundations of architectural design, as its direct component, and also as tools for its interpretation and presentation. Their subject is not only architecture itself but also architectural thinking as such. The term architecture here refers to the complex built environment, including landscape design. The operational platform of architecture (its interpretation or presentation) is expanded by formats that go beyond the framework of the main tools of design and construction itself, such as critical writing, artistic concepts, publications, exhibitions, live presentations, photography, film, social media, new communication technologies, and others. These platforms can play not only an interpretative but also a formative role. The language of architectural interpretation is the same as the language in which users perceive it, and also the language in which architecture itself communicates with its users the very language we, as architects, embed in it. Therefore, as practicing architects, we should examine and master it. Communication is increasingly becoming an essential part of public space, and the ability to communicate architecture is turning into a natural and indispensable skill that the public rightly expects from architects.			
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 IIII	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 familiarize students with the relationship between landscape architecture and civil engineering. This is presented using examples of specific architecture. The aim is to provide knowledge about the importance and principles of depicting and drawing individual structures at various stages of project documentation, with stages of the building process. The historical context and current variants of solutions are explained, and the material and product base, the relationship to the monitored properties of the building, and decisive details are discussed. The purpose is to familiarize students with the possibilities of building elements and techniques in the context of the advantages and disadvantages of their use. Individual materials, elements, and structures are permanently incorporated into the design concept, taking into account the related views of cooperating professionsthe integrated design method. Emphasis is placed on feasibility and craftsmanship. On the link between the technical solution and the artistic or architectural expression. Sustainability, durability, and the economic aspects of the solution are not overlooked. Emphasis is placed on considering possible solutions and conceptual thinking. The aim is to show students the possibilities so that they realize that knowledge of building structures helps in deciding on the choice of structural system and detail solutions, which have a fundamental influence on the architecture of a building. The lecture series incorporates modern teaching technologies the use of illustrative videos and tutorials. Excursions are an integral part of the course, providing students with an opportunity to familiarize themselves with specific projects as well as building elements and structures. Examples of architecturally valuable projects and the use of state-of-the-art materials and technologies are presented. The aim is not to describe the properties of individual structures, elements, and materials separately. Rather, the effort is to find connections between individual structures, elements, and materials. To compare them and consider their suitability for a specific purpose. The aim is to encourage architecture students to realize that knowledge of building elements, structures, and materials helps them develop architectural solutions for their projects.			
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
Completition works. Facades and internal finishing works. Facade structures, floors, light partitions, subceilings.			
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	Implementation, Management and Economics of Construction 1	Z,ZK	4
524TZI2K	Engineering Equipment of Buldings II	KZ	2
524TZIK	Engineering Equipment of Buldings 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	Introduction to Sustainable Design	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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